

1

Terminal Blocks

2017 / 2018

PHOENIX CONTACT
INSPIRING INNOVATIONS



Terminal blocks



Sensor/actuator cabling and connectors

- Sensor/actuator cabling
- Cables and lines
- Connectors



Marking systems, tools and mounting material

- Marking and labeling
- Tools
- Installation and mounting material



Power supplies, surge protection and device circuit breakers

- Surge protection and interference suppression filters
- Power supplies and UPS
- Protective devices



Interface technology and switching devices

- Electronic switching devices and motor control
- Measurement and control technology
- Monitoring
- Relay modules
- System cabling for controllers



Automation

- Lighting and signaling
- Fieldbus components and systems
- Functional safety
- HMIs and industrial PCs
- I/O systems
- Industrial cloud computing
- Industrial communication technology
- Software
- Controllers



PCB terminal blocks and PCB connectors

To quickly select a product, use our e-Paper.

Webc ode: #1517

Find out more with the web code

On some of the catalog pages, you can find our webcode: a hash symbol followed by a four-digit number combination.

Web code: #1234 (example)

This allows you to access information on our website quickly.

It could not be easier:

1. Go to the Phoenix Contact website
2. Enter # and the number combination in the search field
3. Get more information and product versions

#1234 **Search**

Or use the direct link:
phoenixcontact.net/webcode/#1234

You will find the latest information and all new products directly in the product area of our website:

phoenixcontact.net/products

Also discover the Phoenix Contact catalog app interactively on your tablet.

Download on the App Store

GET IT ON Google play

Table of contents

Product range overview in pictures 4

From here, you can access the desired product directly

System features 15

CLIPLINE complete

Terminal blocks

CLIPLINE complete

PT Push-in connection terminal blocks 27
PTPOWER high-current terminal blocks
PTFIX distribution blocks



ST spring-cage connection terminal blocks 147



QT fast connection terminal blocks 197



UT screw connection terminal blocks 213



COMBI plug-in connection solutions 269



RT bolt connection terminal blocks 373



Accessories 393



Terminal blocks

UK universal terminal blocks 417

SK shield connection clamps



Industry-specific solutions

Energy technology, process technology, photovoltaics, and building installation 585



Services

Terminal strips, CLIPSAFE junction boxes, CLIP PROJECT planning and marking software 631



Technical information and index 640

PT Push-in connection terminal blocks

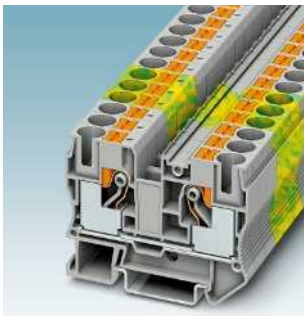


Page 27



Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

1.5 mm² ... Page 36
2.5 mm² ... Page 68
4 mm² ... Page 92



6 mm² ... Page 104
10 mm² ... Page 114
16 mm² ... Page 116



Three-conductor terminal blocks

1.5 mm² ... Page 37
2.5 mm² ... Page 69
4 mm² ... Page 93
6 mm² ... Page 105



Initiator/actuator terminal blocks
2.5 mm² ... Page 39



Fuse terminal blocks

4 mm² ... Page 95
6 mm² ... Page 106
10 mm² ... Page 115



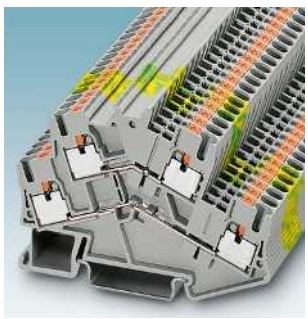
Disconnect and knife disconnect terminal blocks

1.5 mm² ... Page 40
2.5 mm² ... Page 72
4 mm² ... Page 97
6 mm² ... Page 107



Diode terminal blocks

2.5 mm² ... Page 79
4 mm² ... Page 98
6 mm² ... Page 110



Double-level terminal blocks, desk design

1.5 mm² ... Page 42
2.5 mm² ... Page 83
4 mm² ... Page 101



Installation terminal blocks

2.5 mm² ... Page 85
4 mm² ... Page 102
6 mm² ... Page 112
16 mm² ... Page 118



Multi-level installation terminal blocks

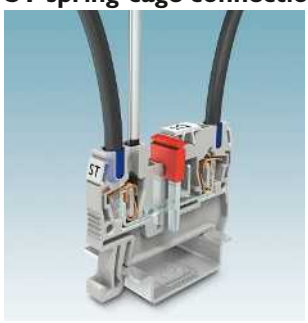
2.5 mm² ... Page 86
4 mm² ... Page 103



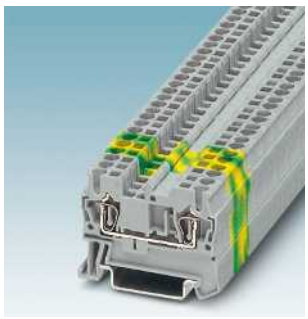
Mini feed-through and ground terminal

1.5 mm² ... Page 43
2.5 mm² ... Page 91

ST spring-cage connection terminal blocks



Page 147



Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

1.5 mm² ... Page 152
2.5 mm² ... Page 156
4 mm² ... Page 174

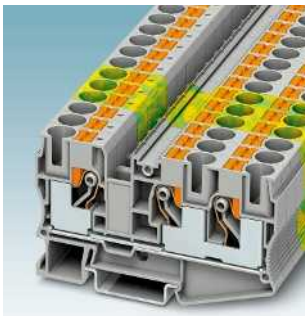


6 mm² ... Page 182
10 mm² ... Page 188
16 mm² ... Page 192
35 mm² ... Page 194

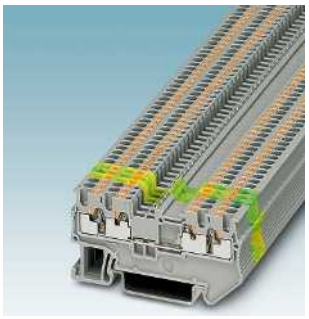


Three-conductor terminal blocks

1.5 mm² ... Page 153
2.5 mm² ... Page 157
4 mm² ... Page 175
6 mm² ... Page 183



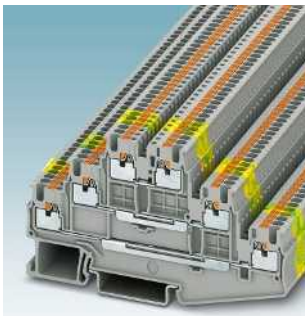
10 mm² ... Page 115
16 mm² ... Page 117



Four-conductor terminal blocks
1.5 mm² ... Page 37
2.5 mm² ... Page 69
4 mm² ... Page 93
6 mm² ... Page 105



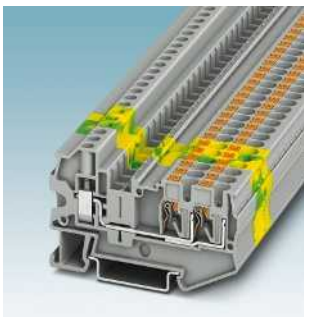
Double-level terminal blocks
1.5 mm² ... Page 37
2.5 mm² ... Page 70
4 mm² ... Page 93



Three-level terminal blocks
1.5 mm² ... Page 38
2.5 mm² ... Page 71
4 mm² ... Page 94



Measuring transducer disconnect terminal blocks
4 mm² ... Page 99
6 mm² ... Page 108



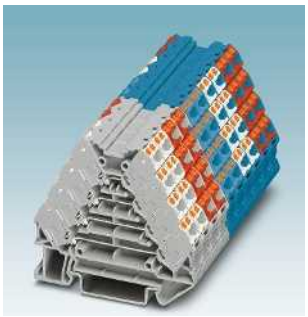
Hybrid terminal blocks with single-sided screw connection
2.5 mm² ... Page 82
4 mm² ... Page 100
6 mm² ... Page 109
35 mm² ... Page 120



Feed-through terminal blocks and ground terminals, desk design
1.5 mm² ... Page 42
2.5 mm² ... Page 82
4 mm² ... Page 101



Three-/four-conductor terminal blocks, desk design
1.5 mm² ... Page 42
2.5 mm² ... Page 82
4 mm² ... Page 101
1.5 mm² ... Page 42
2.5 mm² ... Page 83
4 mm² ... Page 101



Marshalling terminals
2.5 mm² ... Page 44



Marshalling patchboards
2.5 mm² ... Page 55

PTPOWER

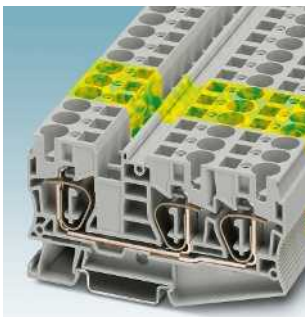


High-current terminal blocks and high-current terminal block bases
35 mm² ... Page 122
50 mm² ... Page 127
95 mm² ... Page 129
150 mm² ... Page 131

PTFIX



Distribution blocks
1.5 mm² ... Page 43
2.5 mm² ... Page 132



10 mm² ... Page 189
16 mm² ... Page 193



Four-conductor terminal blocks
1.5 mm² ... Page 153
2.5 mm² ... Page 157
4 mm² ... Page 175



Double-level terminal blocks
1.5 mm² ... Page 154
2.5 mm² ... Page 158
4 mm² ... Page 176



Three-level terminal blocks
2.5 mm² ... Page 159



Initiator/actuator terminal blocks
2.5 mm² ... Page 160



Fuse terminal blocks
4 mm² ... Page 177
6 mm² ... Page 187



Disconnect and knife disconnect terminal blocks
2.5 mm² ... Page 162
4 mm² ... Page 178



Measuring transducer disconnect terminal blocks
6 mm² ... Page 183



Three-conductor terminal blocks, desk design
2.5 mm² ... Page 167
4 mm² ... Page 179
6 mm² ... Page 185



Four-conductor terminal blocks, desk design
2.5 mm² ... Page 167
4 mm² ... Page 180



Double-level terminal blocks, desk design
2.5 mm² ... Page 167
4 mm² ... Page 180

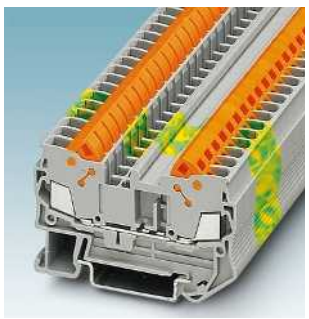


Disconnect and knife disconnect terminal blocks, desk design
2.5 mm² ... Page 168
4 mm² ... Page 181

QT fast connection terminal blocks



Page 197



Feed-through and multi-conductor terminal blocks
1.5 mm² ... Page 202
2.5 mm² ... Page 208



Three-conductor terminal blocks
1.5 mm² ... Page 203
2.5 mm² ... Page 209



Four-conductor terminal blocks
1.5 mm² ... Page 203
2.5 mm² ... Page 209

UT screw connection terminal blocks



Hybrid terminal blocks with spring-cage connection on one side
1.5 mm² ... Page 207
2.5 mm² ... Page 211



Page 213



Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals
2.5 mm² ... Page 218
4 mm² ... Page 228
6 mm² ... Page 242



10 mm² ... Page 250
16 mm² ... Page 252
35 mm² ... Page 254
50 mm² ... 240 mm² Page 256

From here, you can access the desired product directly



Diode terminal blocks
2.5 mm² ... Page 164
4 mm² ... Page 178



Double-level diode terminal blocks
2.5 mm² ... Page 165



Hybrid terminal blocks with single-sided screw connection
2.5 mm² ... Page 166
4 mm² ... Page 179
10 mm² ... Page 190
35 mm² ... Page 195



Feed-through terminal blocks and ground terminals, desk design
2.5 mm² ... Page 167
4 mm² ... Page 179
6 mm² ... Page 185



Mini feed-through terminal blocks and ground terminals, with vertical conductor exit
2.5 mm² ... Page 168



Mini feed-through terminal blocks and ground terminals, with horizontal conductor exit
2.5 mm² ... Page 171



Installation terminal blocks
35 mm² ... Page 195



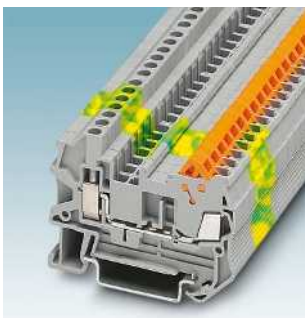
Double-level terminal blocks
1.5 mm² ... Page 204



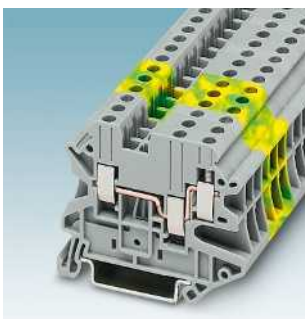
Fuse terminal blocks
2.5 mm² ... Page 210



Disconnect and knife disconnect terminal blocks
1.5 mm² ... Page 204



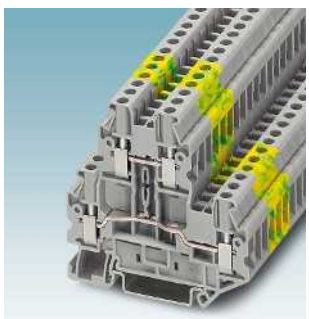
Hybrid terminal blocks with single-sided screw connection
1.5 mm² ... Page 206
2.5 mm² ... Page 210



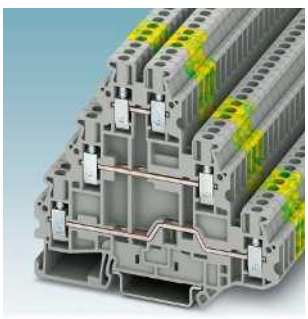
Three-conductor terminal blocks
2.5 mm² ... Page 219
4 mm² ... Page 229



Four-conductor terminal blocks
2.5 mm² ... Page 219
4 mm² ... Page 229



Double-level terminal blocks
2.5 mm² ... Page 219
4 mm² ... Page 230



Three-level terminal blocks
2.5 mm² ... Page 220
4 mm² ... Page 230
6 mm² ... Page 243

Product range in pictures

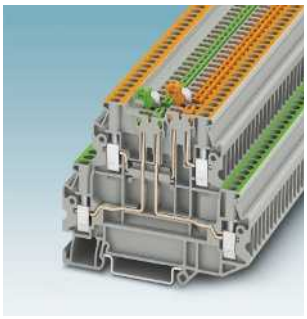
From here, you can access the desired product directly



Fuse terminal blocks
4 mm² ... Page 231
6 mm² ... Page 243



Disconnect terminal blocks
2.5 mm² ... Page 221
4 mm² ... Page 233
6 mm² ... Page 244



Knife disconnect terminal blocks
2.5 mm² ... Page 222
4 mm² ... Page 235
6 mm² ... Page 245



Measuring transducer disconnect terminal blocks
4 mm² ... Page 238
6 mm² ... Page 246

COMBI plug-in connection solutions



Page 269



Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals with Push-in connection
1.5 mm² ... Page 278
2.5 mm² ... Page 286
4 mm² ... Page 298
6 mm² ... Page 302



Terminal blocks that can be connected on both sides
1.5 mm² ... Page 280
2.5 mm² ... Page 289
4 mm² ... Page 299



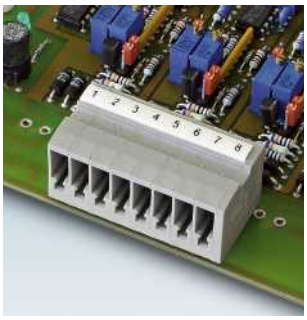
Plug-in measuring transducer disconnect terminal blocks
6 mm² ... Page 303



Terminal blocks that can be connected on both sides
2.5 mm² ... Page 314
4 mm² ... Page 326



Couplings with spring-cage connection - assembled and for self-assembly
2.5 mm² ... Page 315
4 mm² ... Page 329



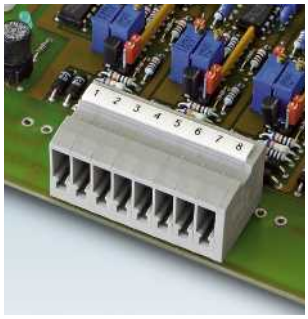
Headers
2.5 mm² ... Page 319
4 mm² ... Page 332



Connectors with spring-cage connection - assembled and for self-assembly
2.5 mm² ... Page 320
4 mm² ... Page 333



Measuring transducer disconnect terminal blocks
4 mm² ... Page 347



Headers
2.5 mm² ... Page 341
4 mm² ... Page 349



Connectors with screw connection - assembled and for self-assembly
2.5 mm² ... Page 342
4 mm² ... Page 351
6 mm² ... Page 356



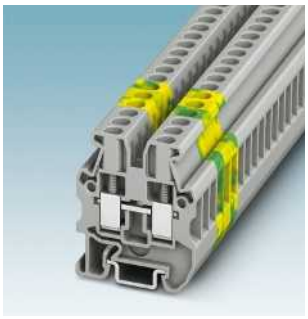
Latching and strain relief
PR ..., PRZ ... Page 363



Diode terminal blocks
2.5 mm² ... Page 223
4 mm² ... Page 239



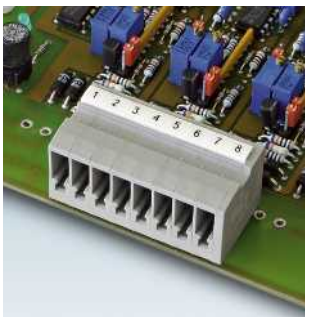
Installation terminal blocks
2.5 mm² ... Page 224
4 mm² ... Page 240
6 mm² ... Page 248
10 mm² ... Page 251
16 mm² ... Page 253
35 mm² ... Page 255



Mini feed-through and ground terminal
2.5 mm² ... Page 227
4 mm² ... Page 241



Couplings with Push-in connection - assembled and for self-assembly
1.5 mm² ... Page 282
2.5 mm² ... Page 291
6 mm² ... Page 306



Headers
2.5 mm² ... Page 293
4 mm² ... Page 300



Connectors with Push-in connection - assembled and for self-assembly
1.5 mm² ... Page 284
2.5 mm² ... Page 294
4 mm² ... Page 301
6 mm² ... Page 308



Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals with spring-cage connection
2.5 mm² ... Page 310
4 mm² ... Page 326



Feed-through and multi-level terminal blocks and ground terminals with fast connection
1.5 mm² ... Page 334



Connectors with fast connection - assembled and for self-assembly
1.5 mm² ... Page 336



Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals with screw connection
2.5 mm² ... Page 338
4 mm² ... Page 344
6 mm² ... Page 354



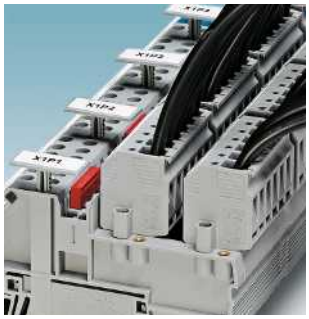
Terminal blocks that can be connected on both sides
2.5 mm² ... Page 340
4 mm² ... Page 346



Latching
PR ..., UPR ... Page 363



Cable housing for COMBI connectors
PH ... Page 366



Self-locking flange covers
DFS ... Page 369
Screw flange and flange covers
UP ...-F Page 370

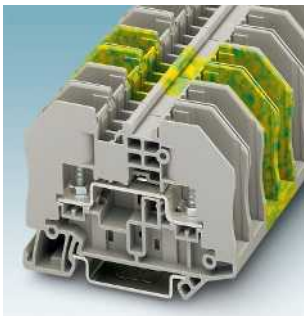
RT bolt connection terminal blocks



Page 373



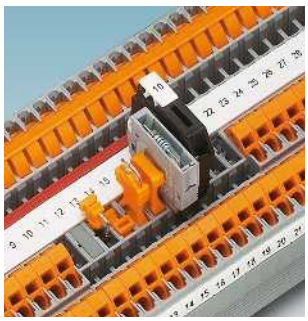
Feed-through terminal blocks
2.5 mm² ... Page 376
6 mm² ... Page 378
35 mm² ... Page 382



Feed-through terminal blocks, open design
2.5 mm² ... Page 377
6 mm² ... Page 379
35 mm² ... Page 383



Disconnect terminal blocks
6 mm² ... Page 381



Isolating plugs and component connectors
P-... Page 409



Marker carriers/warning labels
STP ... Page 412
For end clamps and DIN rails, see Catalog 3

UK universal terminal blocks



Page 417



Feed-through terminal blocks and ground terminals
UK ..., USLKG ... Page 420



Screw cap fuse terminal blocks
UK ...-DREHSI Page 458



Fuse terminal blocks for NEOZED® and DIAZED® fuse inserts
USEN ... Page 468



Basic terminal block for isolating plugs and component connectors
UK ...-TG Page 470



Fuse plugs, isolating plugs, and component connectors
ST-BE, BES 6 Page 472



Measuring transducer disconnect terminal blocks
URTK/SP Page 489



Double-level diode terminal blocks
UKK ...-DIO Page 492



Thermoelectric voltage terminal blocks
MTKD ... Page 496

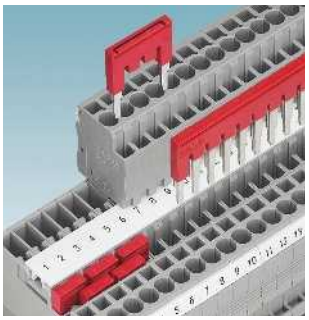


Ground disconnect terminal blocks
GTF 76 Page 497

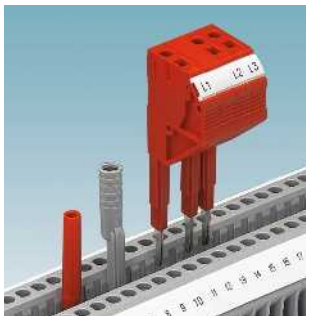
Accessories



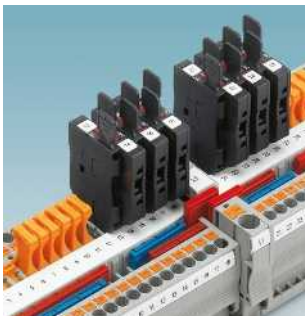
Page 393



Plug-in bridges
FBS ... Page 396
FBSR ... Page 400



Test accessories
PS ..., MPS ..., PAI ... Page 404



Fuse plugs
P-FU...-5 Page 408



Three- and four-conductor terminal blocks
UK ...-TWIN Page 428
UDK ... Page 432



Double-level terminal blocks
UKK ... Page 434



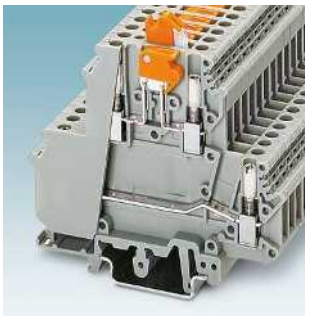
Initiator/actuator terminal blocks
DIK ..., DOK ..., VIOK ... Page 442



Lever-type fuse terminal blocks
UK 5-HESI N Page 452



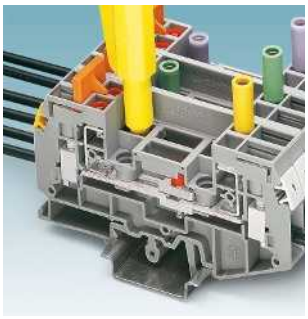
Knife disconnect terminal blocks
MTK ... Page 476
UK ...MTK Page 477



Double-level knife disconnect terminal blocks
UKK ...MTK Page 478



Cross connection terminal blocks
UGSK/S Page 481



Measuring transducer disconnect terminal blocks
URTK 6 Page 487



Terminal blocks with spade connection
UVKB 4-FS/FS ... Page 498



Installation terminal blocks
UIK ... Page 504



Installation ground terminals
UISLKG ... Page 506



Neutral disconnect terminal blocks
UKN ... Page 507

From here, you can access the desired product directly



Ceramic terminal blocks
SSK ... Page 510



Spring-assisted screw terminal blocks
USST ... Page 514



Spring-assisted disconnect terminal blocks
USST-T ... Page 518



Micro/mini terminal blocks
MT 1,5 ... Page 522



Bolt connection terminal block with disconnect function
OTTA 6-T Page 536



Bolt connection terminal blocks for DIN rail and direct mounting
RBO ... Page 538



Bolt connection terminal blocks with covering hood
RBO ...-HC Page 544

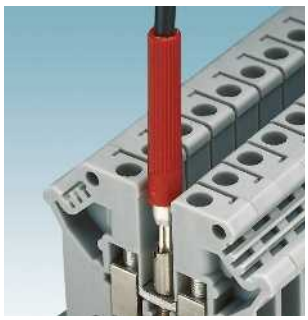


Bolt connection terminal blocks for DIN rail and direct mounting
RSC ... Page 546

Accessories



Potential distributors
See Catalog 5, page 598



Test plugs for UK series
PS ... Page 564



Test plugs for UK series
MPS ... Page 569
PS-UK ... Page 569

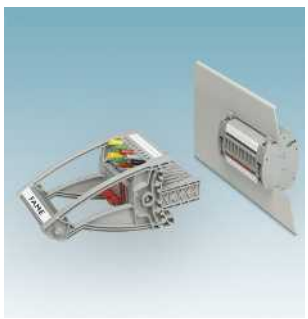


Warning labels
WS ... Page 571

Sector-specific solutions



Supports for direct mounting
AB ... Page 581



FAME 1 plug-in test system with operating plug and transformer short circuit in the plug-in test socket Page 588



FAME 2 plug-in test system without operating plug and transformer short circuit in the test plug Page 596



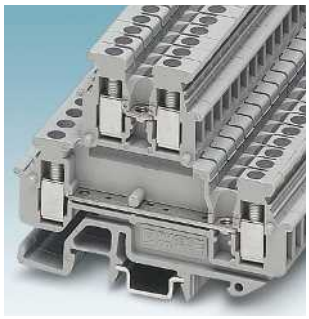
FAME 3 plug-in test system without operating plug and transformer short circuit in the plug-in test socket Page 610



Micro/mini terminal blocks
MTTB 1,5 ... Page 525



Mini strip terminal blocks
MBK ... Page 528



Mini double-level terminal blocks
MBKKB ... Page 530



Bolt connection terminal blocks for DIN rail and direct mounting
OTTA ... Page 533



High-current connectors
HV M ... Page 551



High-current connectors
UHV ... Page 554



Device terminal blocks
G ..., GE ... Page 558



Trunk line branch terminals
UDB 2X... Page 562

SK shield connection clamps



Shield connection clamps
SK ... Page 572



Shield connection clamps
SKS ... Page 575



Shielded supports for neutral busbars
AB-SK ..., AB/SS ... Page 576



Double supports
AB-SK 65-D ... Page 578

Services: Terminal strips, CLIPSAFE junction boxes, and empty enclosures



Service
Page 631



Terminal strips
Page 632

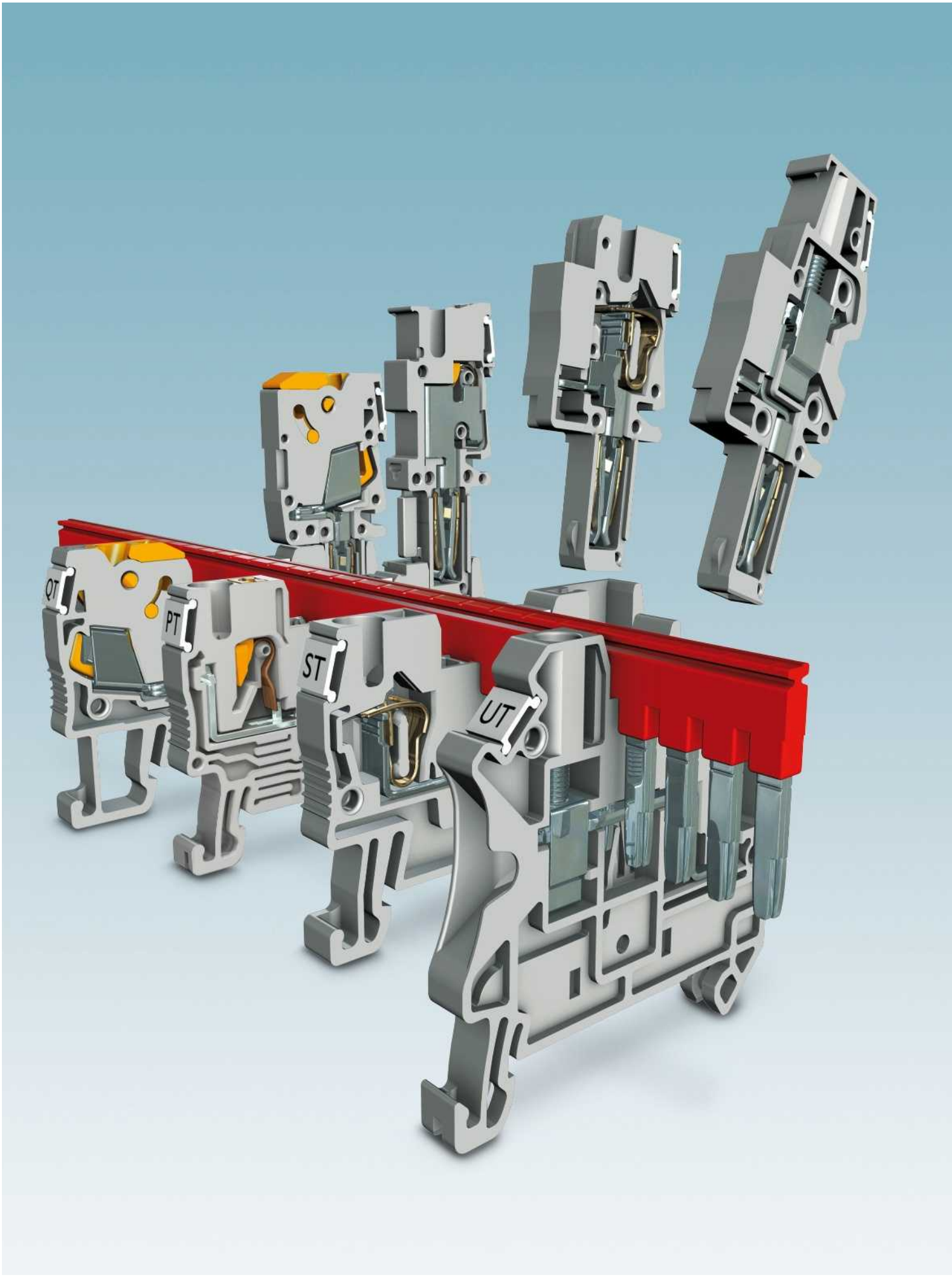


CLIPSAFE junction boxes and empty enclosures
Page 634

Planning and marking software



Planning and marking software
CLIP PROJECT Page 636


QT
PT
ST
UT

CLIPLINE complete system features

With CLIPLINE complete, the unique terminal block system from Phoenix Contact, the choice of connection technology is yours. The following types of connection are available:
– Simple PT Push-in connection
– Compact ST spring-cage connection
– Fast QT QUICKON connection
– Universal UT screw connection
– COMBI plug-in connection solutions
– Robust RT bolt connection.

Irrespective of which connection technology you choose, they can all be freely combined, with the same accessories, thanks to the double function shaft.

In addition to the flexibility of this terminal block system, CLIPLINE complete also provides added value. The bridging, marking, and test accessories are standardized and can reduce your logistics and storage costs.

The CLIPLINE complete terminal block system has been tested and approved for a wide range of national and international approvals. The maximum level of safety in these standards is achieved by routine testing of the standard CLIPLINE complete terminal blocks according to the ATEX Directive. These terminal blocks can be used in the Ex e area.

Your web code: #0567

Planning and marking software

CLIP PROJECT enables you to configure terminal strips quickly and conveniently, without errors. You benefit from a consistent process chain thanks to perfect interaction with CAE systems.
– The process chain covers data transfer, product selection, the correction function, and finally complete documentation.
– In addition to terminal blocks, you can configure other products such as those used in overcurrent and surge protection, power supply, signal conversion, and automation technology.
– You can create markings quickly and easily and you can control all Phoenix Contact printing systems as well as standard printers.

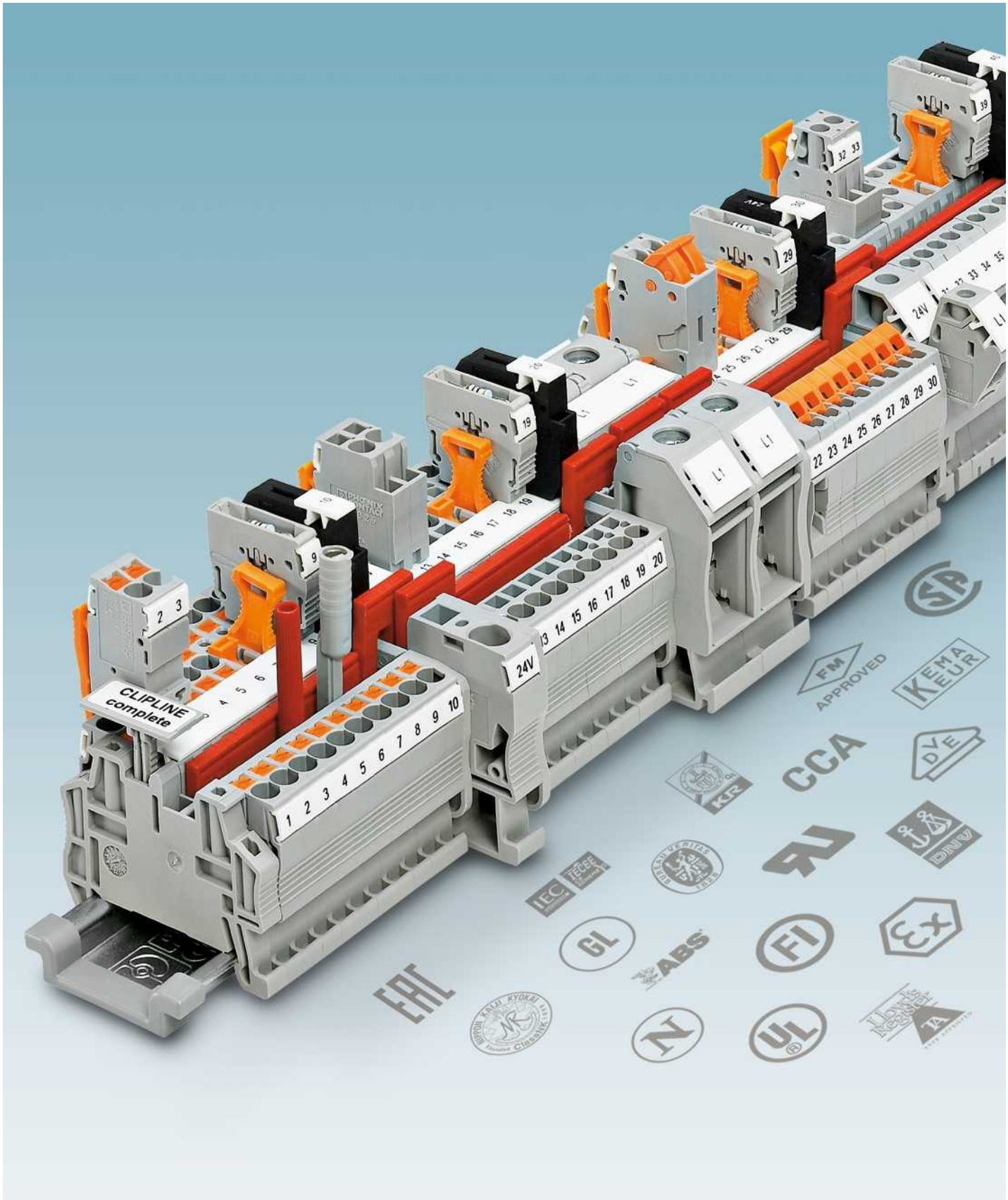
Your web code: #1093

Product range overview

System features	**16**
Planning and marking software	**16**

CLIPLINE complete

All connection technologies, one system



General information

The CLIPLINE complete system offers you a uniform range of accessories for all connection technologies. Marking and test accessories are standardized and reduce logistics costs. In addition, all terminal blocks of the CLIPLINE complete system can be freely combined with each other using the double function shaft. The standardized plug-in zone of the COMBI basic terminal blocks also allows the connection of modules via individually configurable connectors, regardless of the connection technology.

CLIPLINE complete terminal blocks with Push-in, spring-cage, fast connection, screw, plug-in, and bolt connection technology let you react flexibly to the demands of your customers anywhere in the world.

CLIP PROJECT enables you to configure terminal strips quickly, conveniently, and without errors. You benefit from a consistent process chain thanks to perfect interaction with CAE systems.

- The process chain covers data transfer, product selection, the correction function, and complete documentation.
- In addition to terminal blocks, you can configure other products, e.g., those used in overcurrent and surge protection, power supply, signal conversion, and automation technology.
- You can create markings quickly and easily and you can control all Phoenix Contact printing systems as well as standard printers.

Flexible plug-in bridge system

The same plug-in bridge for all connection technologies. To allow fast and individual potential distribution, the terminal blocks in the CLIPLINE complete system have two function shafts. These are arranged in one line over all the terminal blocks, allowing for a combination of connection technologies. The 2- to 50-pos. plug-in bridges make it possible to implement all the tasks of potential bridging within a very short time. Reducing bridges connect, for example, UT screw terminal blocks and ST spring-cage terminal blocks.

The plug-in bridge bars make contact by being securely latched into the function shaft. They create a removable connection between neighboring terminal blocks.

Plug-in connection solutions

The COMBI plug-in system enables the time-saving and modular configuration of your application. Like the terminal blocks, COMBI connectors are available with Push-in, screw, spring-cage, and fast connection technologies.

The nominal data of up to 41 A and 1000 V has made a connection system for signal and power wiring possible. The system meets the most stringent of vibration requirements. Both the terminal blocks and the connectors are touch-proof.

There is an extensive range of accessories, from the latching to the overall shielding braid.

Multifunctional disconnect zone

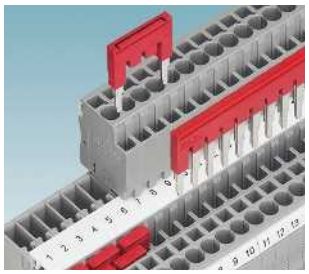
All disconnect terminal blocks in the CLIPLINE complete system have a standardized disconnect zone. Various function plugs are available for use in the disconnect terminal blocks. Isolating plugs are used for simple disconnection. Fuse plugs are designed for the use of cartridge fuse-links. The patented component connector allows you to mount components quickly, without the risk of polarity reversal, and without the need for soldering.

Large-surface marking

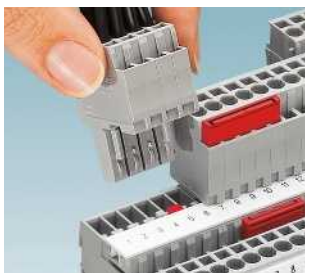
All the terminal points of the terminal blocks in the CLIPLINE complete system have large-surface marking options. This is a precondition for clear wiring and startup and simplifies assignment during testing and maintenance work. Optional snap-on large marker carriers are available for group and terminal strip markings.

Standardized test system

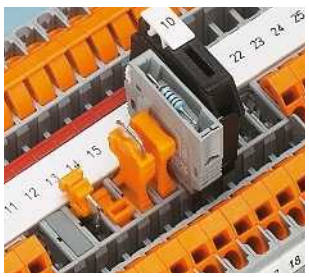
The CLIPLINE complete system includes a comprehensive range of test accessories. All test plug contacts are made in the easily accessed function shaft. For individual measuring lines, a test plug with 2.3 mm diameter is available. More complex testing tasks can be implemented using alignable test plugs. The corresponding spacers can be used to assemble individual test adapters which are perfectly suited for use in test laboratories.



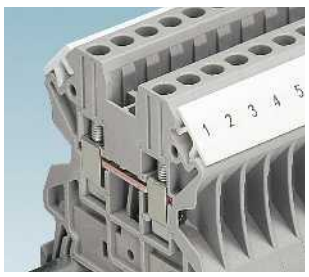
Bridge



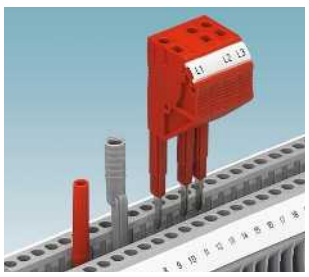
Insert



Disconnect



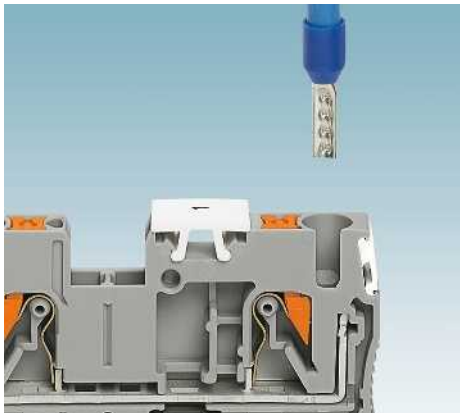
Mark

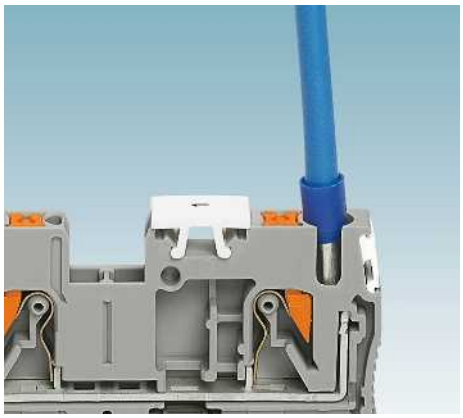


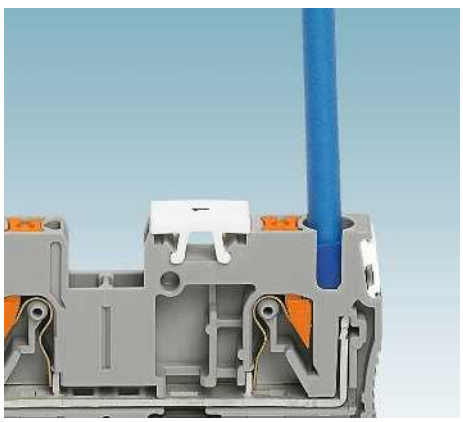
Test

System features - Push-in connection









Material properties

All metal parts of the Push-in connection terminal blocks are made of corrosion-free materials. The conductive metals consist of high-grade copper alloys. A particular advantage is the low temperature rise due to good electrical conductivity. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating.

The contact force for the Push-in connection is applied by a leg spring of high-strength chromium-nickel spring steel.

The insulating housing of the terminal blocks is made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include the good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 is used with operating temperatures up to 130°C and is certified for flammability rating V0 according to UL 94.

Connection principle

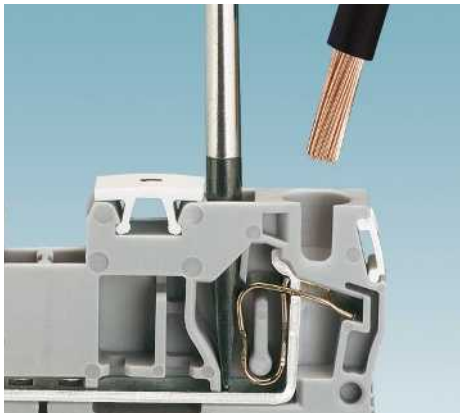
PT Push-in connection terminal blocks have been developed for direct conductor connection. This means that solid conductors or conductors with ferrules can be inserted directly into the terminal block without tools.

The special spring profile enables the easy insertion of conductors with ferrules from 0.34 mm² and solid conductors up to 150 mm². The contact spring is opened automatically when the conductor is pushed in. This provides the required pressure force against the current bar. The spring is opened by a push button either to release conductors or connect stranded conductors starting at 0.14 mm² without a ferrule. Easily and without direct contact with live parts. The button can be operated with all standard screwdrivers.

The PT connection technology has been tested and approved for a wide range of approvals. These include, for example, vibration resistance according to railway standard EN 50155 and shock and corrosion resistance according to current shipbuilding registers. The connection technology is also certified for process engineering in areas with increased safety (Ex e).

System features - spring-cage connection









Material properties

All metal parts of the spring-cage terminal blocks are made from corrosion-free materials. The conductive metals consist of high-grade copper alloys. A particular advantage is the low temperature rise due to good electrical conductivity. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating.

The contact force for the spring-cage connection is applied by a spring element made from high-strength chromium-nickel spring steel.

The insulating housing of the spring-cage terminal blocks is made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include the good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 is used with operating temperatures up to 130°C and is certified for flammability rating V0 according to UL 94.

Connection principle

ST spring-cage terminal blocks have been developed for universal spring-loaded conductor contacting.

The contact force is independent of the user and creates a vibration-proof, gas-tight connection with long-term stability.

The terminal point is opened with a standard screwdriver. After the conductor has been inserted into the clamping space, the screwdriver is removed and the conductor automatically makes contact. The easy operation is a result of the front connection, i.e., the conductor and screwdriver come in parallel from the same direction.

All kinds of copper wires up to 35 mm² can be clamped without any pretreatment. Splicing protection can also be implemented in the form of ferrules.

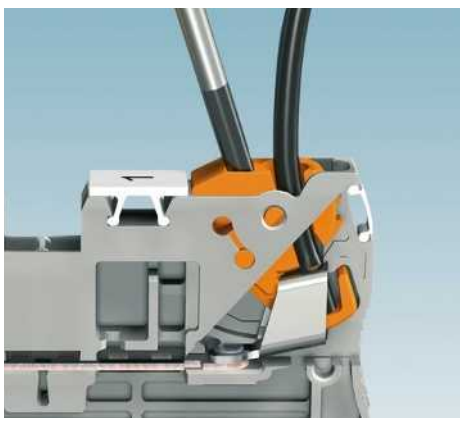
Spring-cage terminal blocks from Phoenix Contact provide a large amount of space. This makes it possible to wire conductors with ferrules and insulating collars with a nominal cross section.

System features - fast connection









Material properties

The patented contact metals of the QT fast connection terminal blocks are made from a special, high-grade copper alloy. This combines good electrical conductivity with excellent elastic characteristics.

The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating.

The insulating housings of the fast connection terminal blocks are made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include the good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 is used with operating temperatures up to 130°C and is certified for flammability rating V0 according to UL 94.

Connection principle

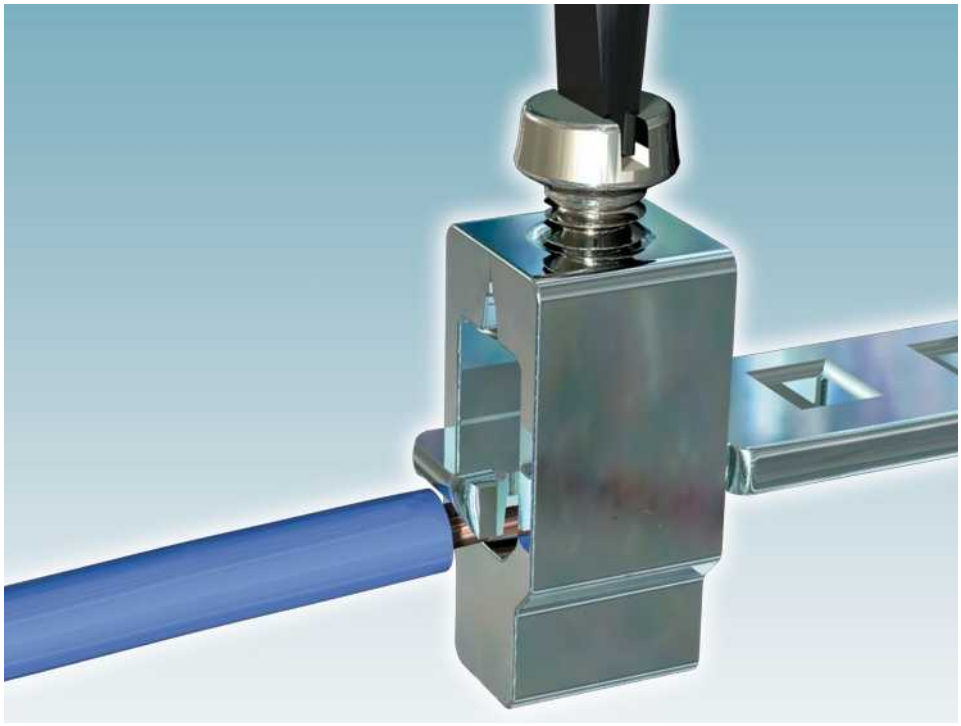
QT QUICKON terminal blocks are designed for fast conductor connection. It is no longer necessary to strip or fit the splicing protection. The cables just need to be cut to length for contact to be made in a matter of seconds.

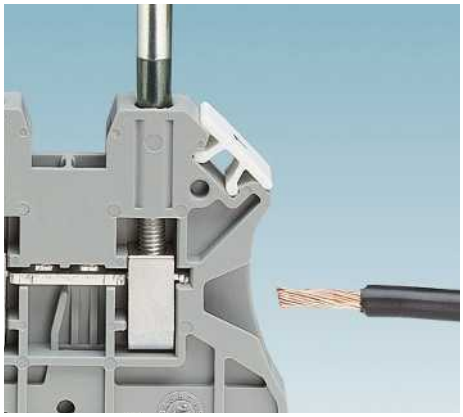
An important characteristic is the space-saving twist connection. Due to the simplicity of the connection, the wiring time is reduced by up to 60 percent. A standard screwdriver is used to operate the terminal blocks and the switching states are clearly signaled by engagement points in the start and end position.

Solid and stranded conductors from 0.25 to 2.5 mm² can be wired without aids such as guide ferrules. When a conductor is connected, the conductor insulation is cut open, displaced, and the conductor is securely engaged in the end position where it makes extensive, gas-tight contact.

The high quality of the QUICKON fast connection is verified by the fact that this connection is certified according to the standard for Ex e applications, as are the screw and spring connections.

System features - screw connection





Material properties

The metal parts of the UT screw connection terminal blocks are made from high-grade, strain-crack-proof, and corrosion-proof copper alloys as a standard feature. This eliminates the possibility of electrolytic corrosion in the presence of moisture and the risk of rusting. The consequences, such as unreliable electrical contacts and/or jammed screws, are also prevented. Another advantage is the low temperature rise due to good electrical conductivity. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating.

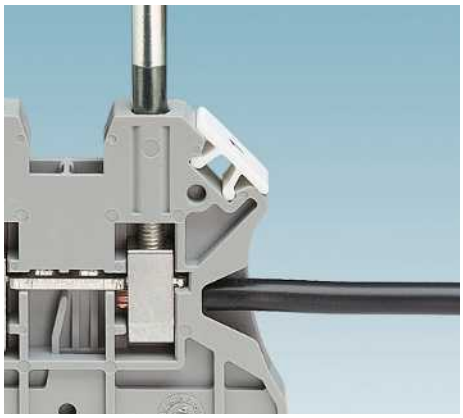
The insulating housing of the UT screw connection terminal blocks is made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include the good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 is used with operating temperatures up to 130°C and is certified for flammability rating V0 according to UL 94.

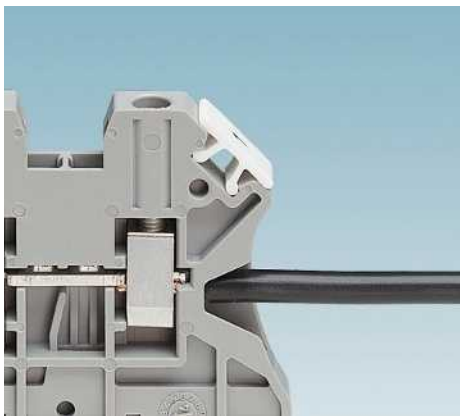
Connection principle

UT screw connection terminal blocks are designed for the most stringent requirements. For more than 80 years, they have proven themselves a billion times over in all applications. An important characteristic is the maintenance-free conductor connection. There is no need to retighten the terminal block screws. The screws are prevented from loosening by the Reakdyn principle, a screw locking technique developed and patented by Phoenix Contact.

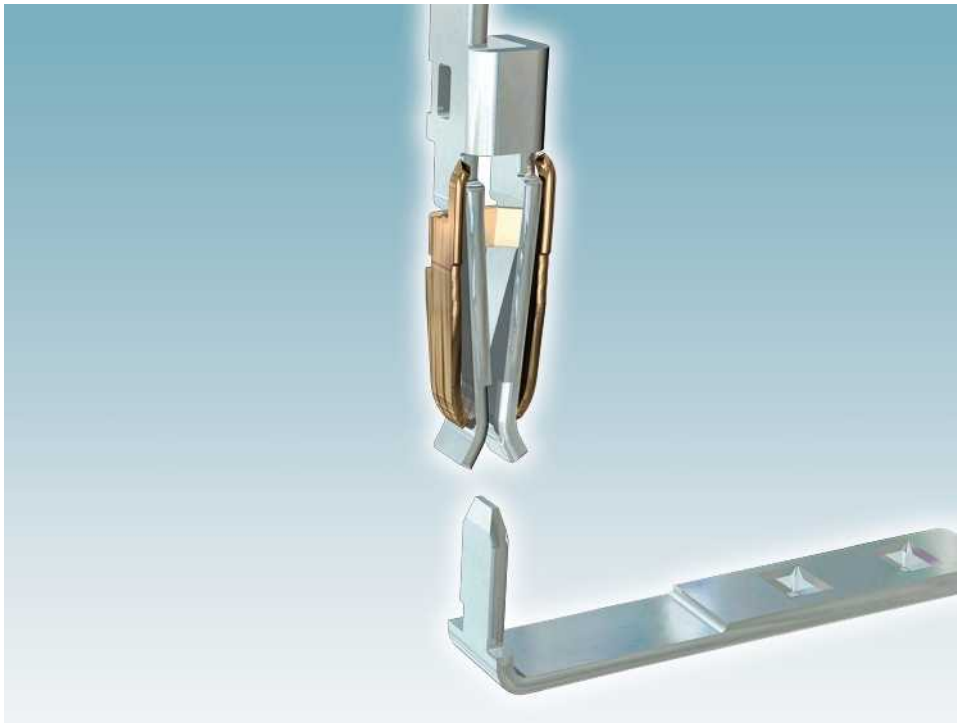
Conductors for Phoenix Contact UT screw connection terminal blocks can be clamped without any pretreatment. Splicing protection can also be implemented in the form of ferrules. A special characteristic of the screw clamping body is the multi-conductor connection, which is often required.

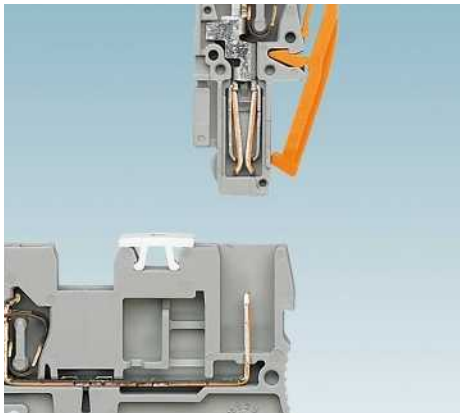
Very large conductor cross sections up to 240 mm² can also be wired gas-tight and with long-term stability thanks to the high contact forces.

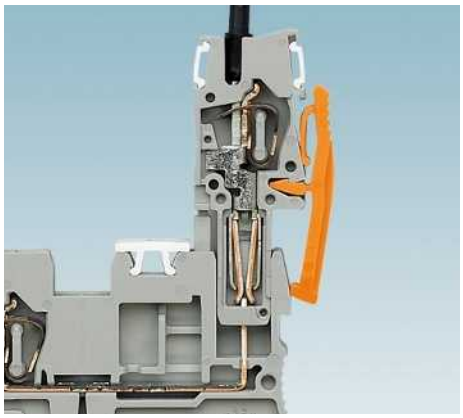


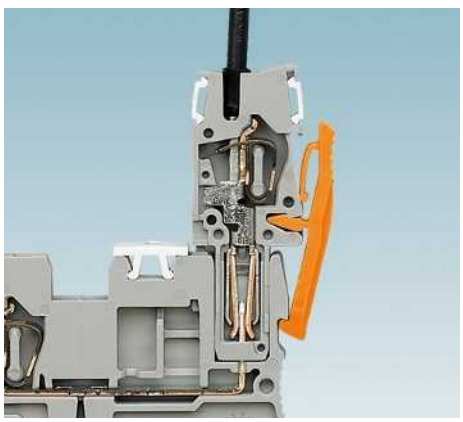


System features - plug-in connection









Material properties

All metal parts of the COMBI connectors are made from corrosion-free materials. The distinction between the electrical and mechanical functions is a particular advantage. The conductive metals consist of high-grade copper alloys. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating. The high current carrying capacity of the contact is achieved by an integrated covering spring made of chromium-nickel spring steel.

The insulating housing of the COMBI connectors is made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include the good tropical and termite resistance, high chemical resistance, and excellent aging characteristics.

Polyamide 6.6 is used with operating temperatures up to 130°C and is certified for flammability rating V0 according to UL 94.

Connection principle

COMBI plug-in connections are designed for the most stringent universal demands in terms of plug-in capability. The nominal current of the connected conductor is carried through the plug-in contact.

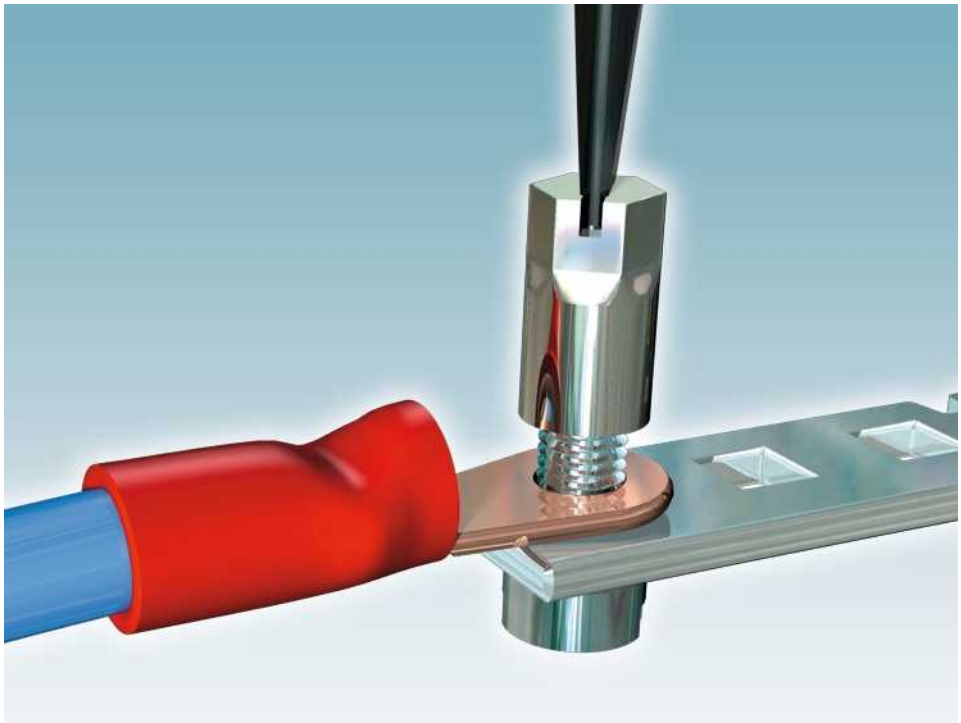
The uniform plug-in zone is an important characteristic. Connectors and basic terminal blocks with four connection technologies can be freely combined with each other, thanks to the uniform plug-in zone.

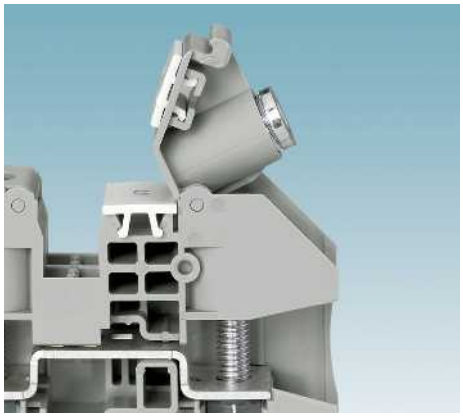
The modular structure also enables individual self-assembly of the plugs and the couplings.

Copper wires of all kinds can be connected without pretreatment. Splicing protection can also be implemented in the form of ferrules.

COMBI connectors with any type of connection technology provide a large amount of space. This makes it possible to wire conductors with ferrules and insulating collars with a nominal cross section.

System features - bolt connection





Material properties

All metal parts of the bolt connection terminal blocks are made from corrosion-free materials. The conductive metals consist of high-grade copper alloys. Due to their good electrical conductivity, they ensure a low temperature rise. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating.

The insulating housing of the bolt connection terminal blocks is made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include the good tropical and termite resistance, high chemical resistance, and excellent aging characteristics.

Polyamide 6.6 is used with operating temperatures up to 130°C and is certified for flammability rating V0 according to UL 94.

Connection principle

RT bolt connection terminal blocks have been developed with a robust design and offer convenient wiring for ring cable lugs.

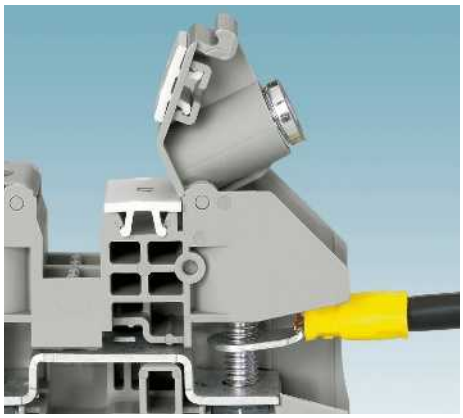
An important characteristic is the hinged cover which can be swung up and which features a captive cap nut. This ensures quick and easy ring cable lug wiring.

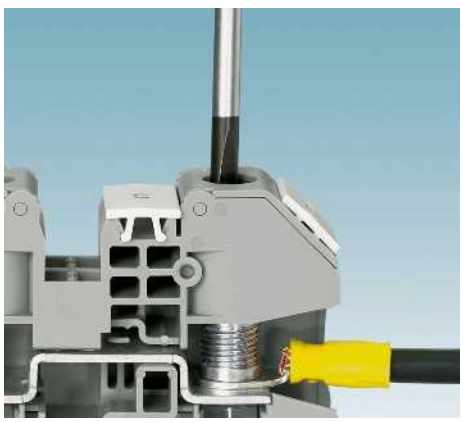
The integrated screw locking in the form of a spring retainer guarantees safe use, even in applications which are subject to shock and vibration.

All ring cable lugs can be connected according to DIN 46234, DIN 46235 or DIN 46237.

A special characteristic of the bolt connection is the often required multi-conductor connection, on which up to four cable lugs can be connected per bolt.

Safe wiring of all kinds of conductors up to 240 mm² with long-term stability.





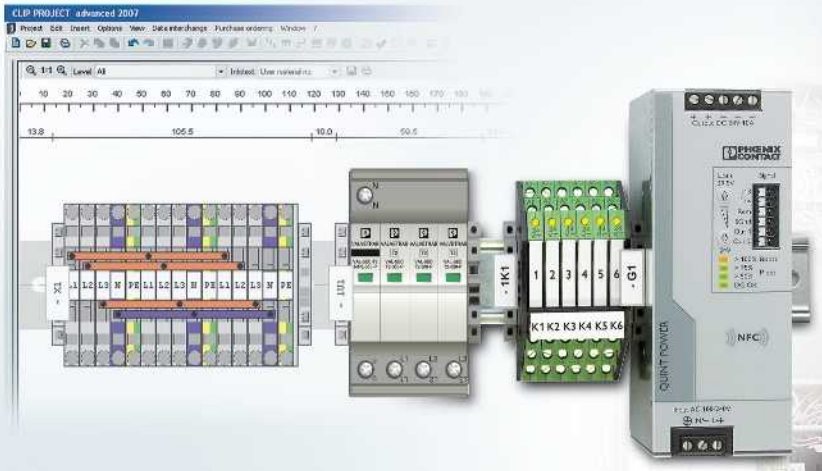
A consistent system from configuration through to the finished application

CLIP PROJECT combines the proven planning software for terminal strip configuration with a high-performance marking tool. Direct data exchange with all conventional CAE programs, along with the creation of the complete project documentation, make this configuration software unique. CLIP PROJECT provides the ideal support for output devices and marking materials for terminal, wire, equipment, and plant marking. This means that you can use one software tool and any printing system to mark all applications.

Your web code: #1093

Configuration ... Production ...



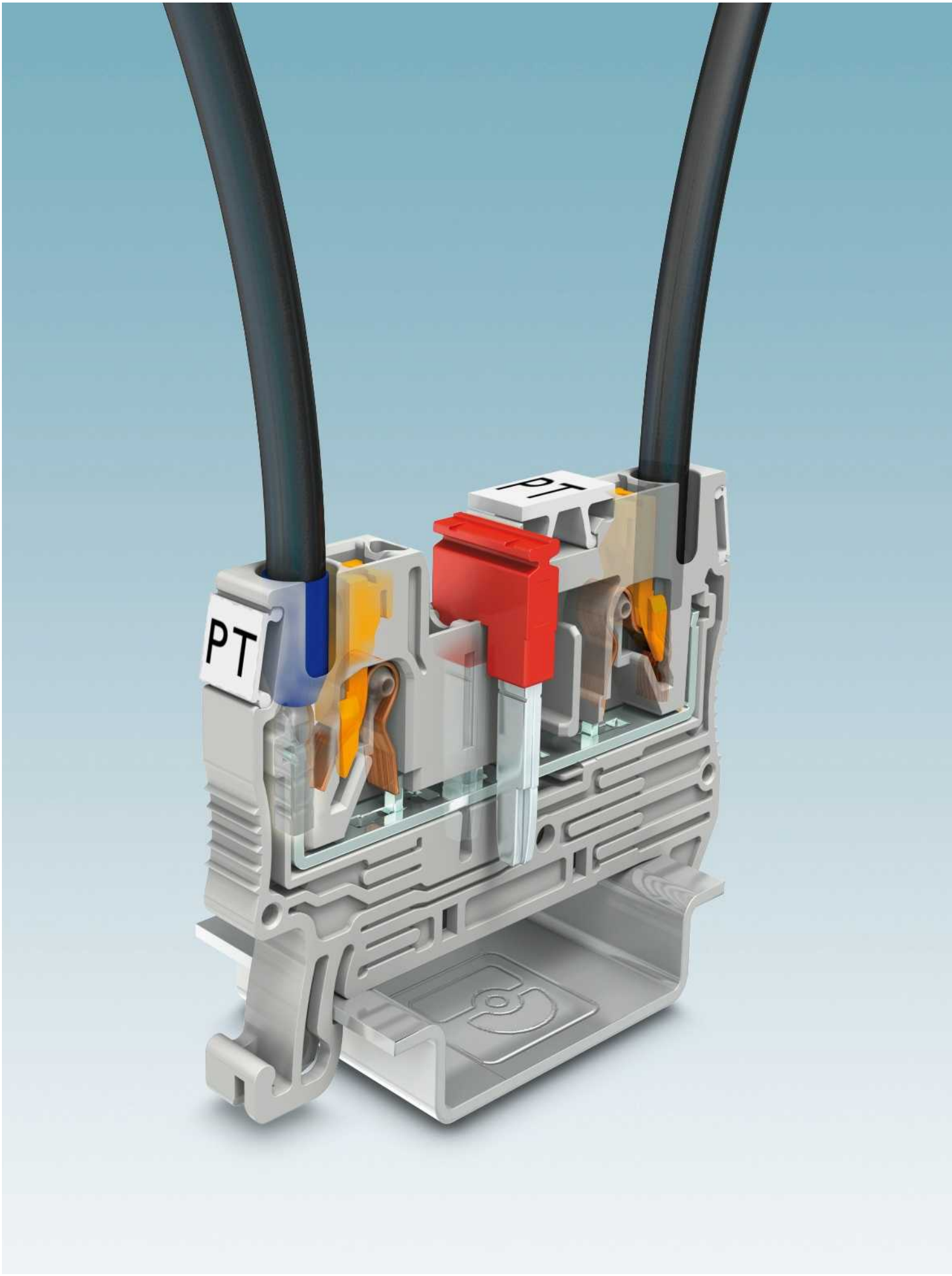


Complete documentation
With a click of the mouse, CLIP PROJECT creates complete order, parts, structure, and mounting lists.

... Mounting



We make everything to suit your requirements
With CLIP PROJECT, you can create markings or complete terminal strips in accordance with your specifications. Just send the data to us using the built-in e-mail function.
We supply markings that are printed precisely to meet the requirements of your application or even completely marked terminal strips. Direct to your production facility, quickly and easily. All you need to do is fit them.


PT
PT

PT Push-in connection terminal blocks

The PT Push-in connection terminal blocks from the CLIPLINE complete system have been developed for direct conductor connection and offer a wide range of application options. Easy handling and direct, tool-free connection with up to 50 percent lower insertion forces are the key advantages of this terminal technology. When solid conductors from 0.25 mm² or conductors with ferrules from 0.34 mm² are inserted, the contact spring is automatically opened. This provides the required pressure force against the current bar.

The integrated push button allows you to release conductors or to connect small conductor cross sections from 0.14 mm² with any type of tool. Easily and without direct contact with live parts.

The PT connection technology has been tested and approved for a range of approvals. These include, for example, vibration resistance according to railway standard EN 50155 and shock and corrosion resistance according to current shipbuilding registers. It is also certified for process engineering in areas with increased safety (Ex e).

Your web code: #1126

Product range overview

1.5 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	**37**
Initiator/actuator terminal blocks	**39**
Knife disconnect terminal blocks	**40**
Desk-design terminal blocks	**42**
Mini feed-through and ground terminal	**43**
Marshalling terminals	**44**
Marshalling patchboards	**55**

2.5 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	**69**
Disconnect and knife disconnect terminal blocks	**72**
Diode terminal blocks	**79**
Hybrid terminal blocks with screw connection on one side	**82**
Desk-design terminal blocks	**82**
Desk-design disconnect and knife disconnect terminal blocks	**84**
Installation terminal blocks	**85**
Mini feed-through and ground terminal	**91**

4 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	**93**
Fuse terminal blocks	**95**
Disconnect and knife disconnect terminal blocks	**97**
Diode terminal blocks	**98**
Measuring transducer disconnect terminal blocks	**99**
Hybrid terminal blocks with screw connection on one side	**100**
Desk-design terminal blocks	**101**
Installation terminal blocks	**102**

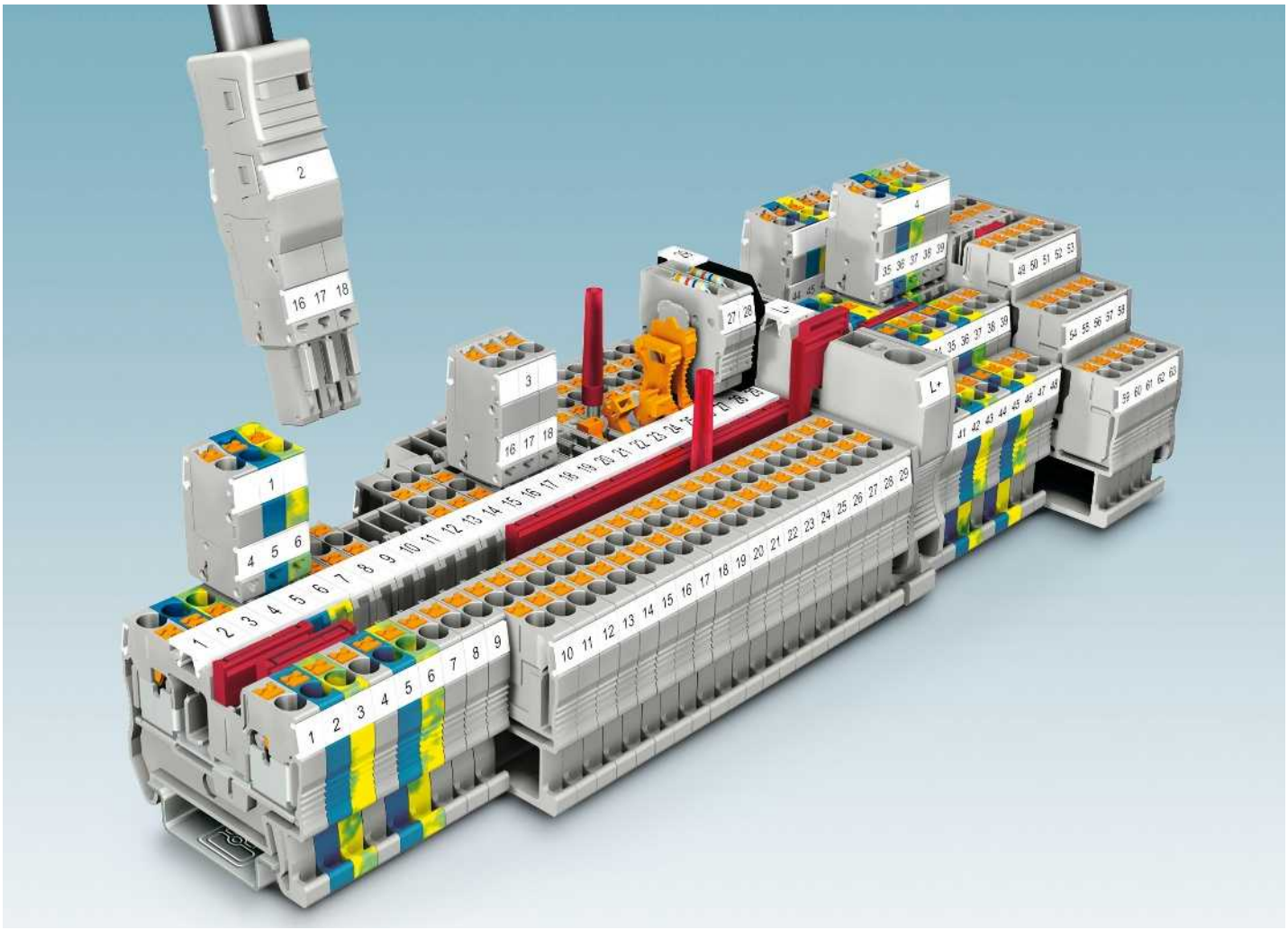
6 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	**105**
Fuse terminal blocks	**106**
Disconnect and knife disconnect terminal blocks	**107**
Measuring transducer disconnect terminal blocks	**108**
Hybrid terminal blocks with screw connection on one side	**109**
Diode terminal blocks	**110**
Installation terminal blocks	**112**

10 mm², 16 mm², and 35 mm²

Feed-through and multi-conductor terminal blocks and ground terminals	**115**
Fuse terminal blocks	**115**
Installation terminal blocks	**118**
Hybrid terminal blocks with screw connection on one side	**120**

PTPOWER Power-Turn high-current terminal blocks 35 mm² - 150 mm²	**122**
PTFIX distribution blocks	**132**



Your web code: #1126



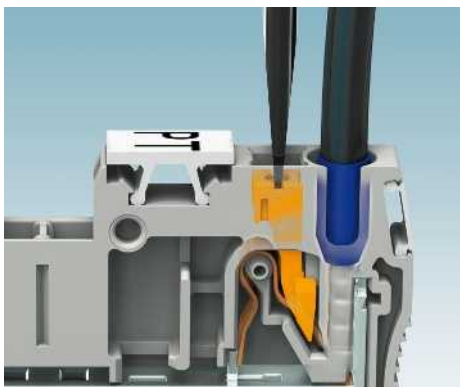
Push-in connection technology

The PT series is characterized by the easy, direct conductor connection and makes consistent use of the benefits of the CLIPLINE complete system.



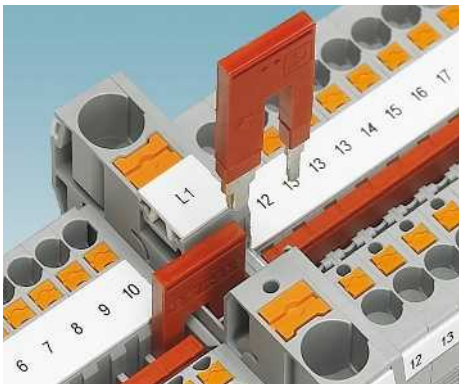
Easy insertion

Up to 50% reduction in insertion forces permits easy and direct insertion of solid and stranded conductors with ferrules with a cross section of 0.25 mm² or greater. Stranded conductors can be connected without ferrules using the push button.

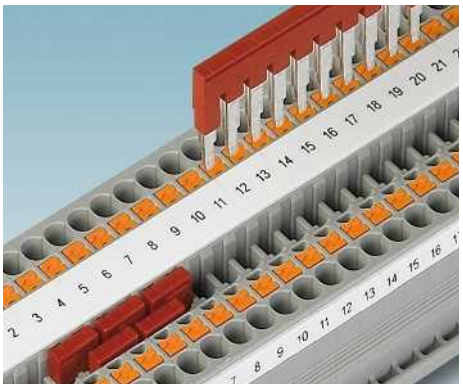


Latch function

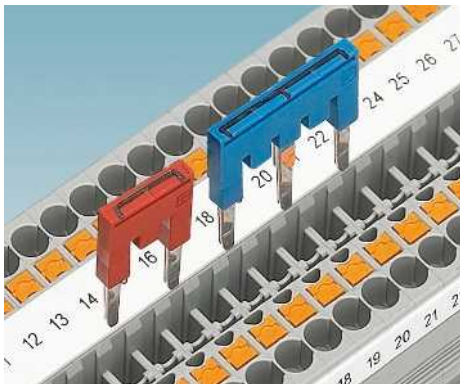
The integrated button allows connected conductors to be released using any type of tool. Easily and without direct contact with live parts.



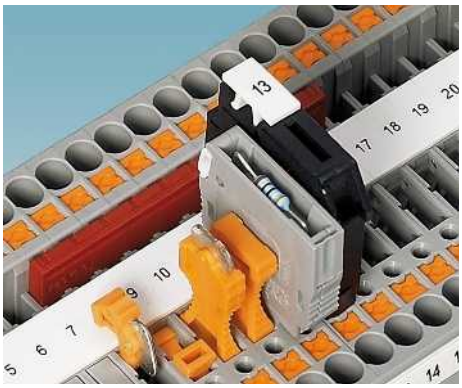
The reducing bridge enables terminal blocks with different nominal cross sections to be connected easily, e.g., a PT 10 Push-in terminal block to a PT 2,5. Power blocks can be created quickly using the reducing bridge.



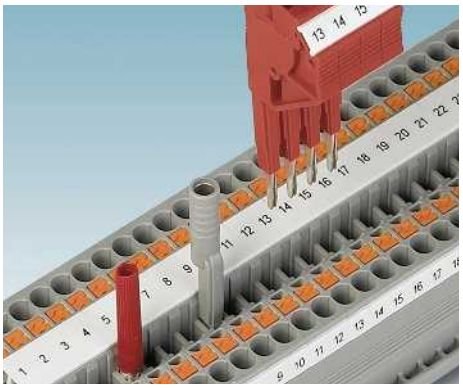
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



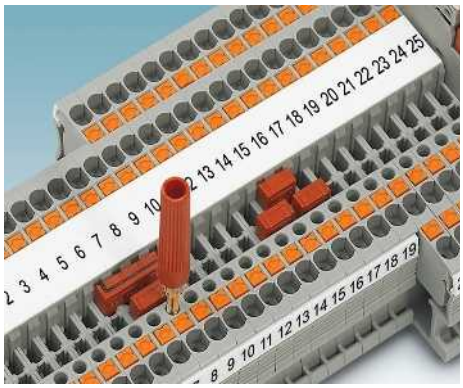
Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. The contact points can also be marked.



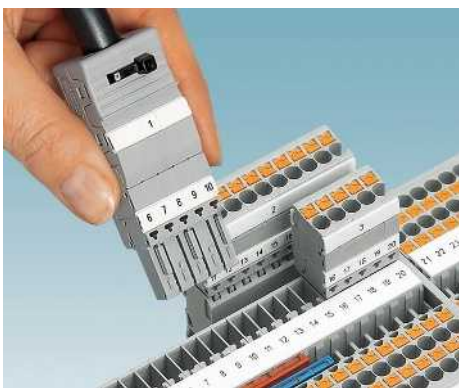
The P-FIX isolated feed-through connector, P-DI isolating plug, P-CO component connector, and P-FU cartridge fuse connector can be used in the universal plug-in zone of the disconnect terminal block.



For measuring lines, a test plug with a diameter of 2.3 mm is available. All measurement and testing can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



As well as offering a testing facility in the double function shaft, all Push-in technology terminal blocks offer an additional test contact for test plugs with a 2.3 mm diameter.



Push-in COMBI terminal blocks are available for the plug-in configuration of signal wiring. The system is touch-proof and offers plugs for self-assembly with extensive accessories.



Automotive flat-type fuse terminal blocks with 4 mm² conductor connection are available in the same shape as the feed-through terminal blocks. All terminal blocks can be continuously bridged with one another with the double function shaft.



The compact lever-type fuse terminal blocks are the same shape as the feed-through terminal blocks. They can be continuously marked and bridged. Time-saving potential distribution is easily created using bridging between non-adjacent terminal blocks.

PT ... feed-through and multi-conductor terminal blocks



- Optimum ergonomics for tool-free wiring thanks to the integrated actuation lever
- Easy insertion with pre-assembled conductor from 0.25 mm²
- Clear identification of terminal point and operating area provides optimum protection against wiring errors
- Universal handling using any suitable tool
- Double function shafts for potential distribution
- Individual testing facility for every current path

Your web code: #0068

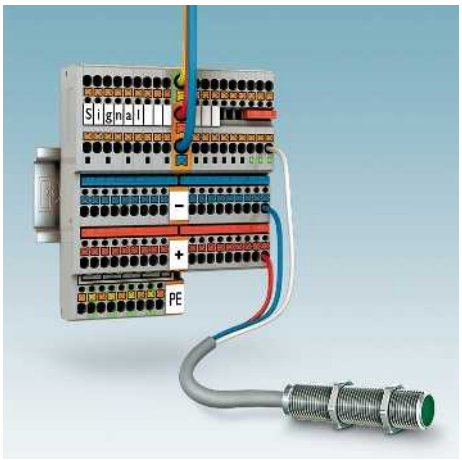
PTTB ... multi-level terminal blocks



- Space-saving with several individual potentials housed in a single terminal housing
- Easy potential distribution, whereby function shafts at each level and individually usable level bridges turn a multi-level terminal block into a potential distributor
- Variants with plug-in COMBI connections guarantee maximum modularity and flexibility
- For motor connections, variants are available with up to three phases and PE in just one housing
- Clear wiring thanks to marking option on each terminal point

Your web code: #1391

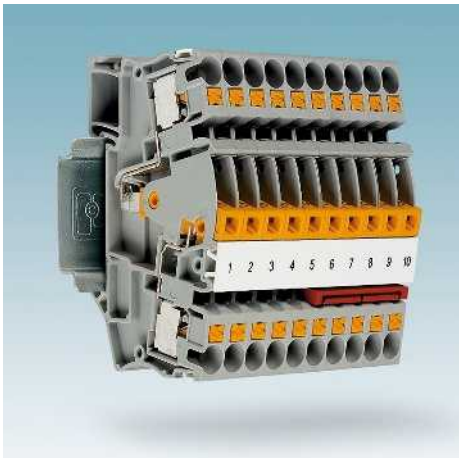
PTIO ... three-conductor initiator/actuator terminal block



- Space-saving wiring of initiators and actuators with an overall width of just 3.5 mm
- Compact design for maximum signal density
- Feed-in terminals enable individual distribution of the positive and negative potential via FBS ... plug-in bridges
- Versions with LED display indicate switching states
- Large identification of the wiring levels

Your web code: #0069

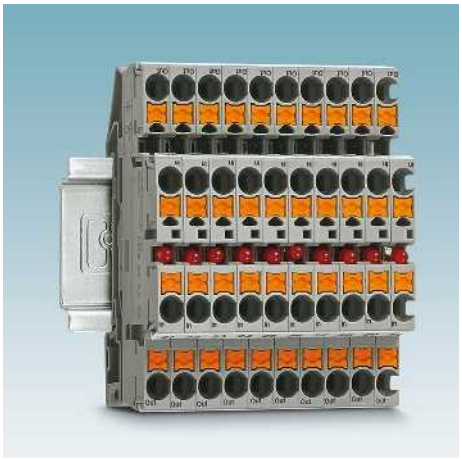
PTME ... measuring transducer disconnect terminal blocks



- Convenient wiring of current transformer measuring circuits
- Safe longitudinal and perpendicular disconnection of the current paths
- The switch units are latched in the respective limit positions
- Unintentional switching is prevented by means of optional switching locks
- Up to six function shafts integrated per terminal block for potential distribution and testing

Your web code: #0071

PTTB ...BE component terminal blocks



- Component terminal blocks can be used for complex switching tasks in all applications
- Individual and convenient integration of components such as diodes, resistors, LEDs or fuses into circuits
- Huge product variety with selectable prefabricated or retrofittable variants
- Maximum flexibility and modularity with solder-free, self-assembled or pre-assembled component connectors for basic terminal blocks with disconnect function
- Maximum safety requirements are taken into consideration. Printed circuit diagrams and symbols reduce the risk of faulty wiring considerably

Your web code: #1392

PT ... and PTT ... knife disconnect terminal blocks



- Convenient disconnection of measuring and closed-loop control circuits by means of a disconnect knife
- Disconnect knife reliably snapped into the limit positions
- Flexible testing facilities on both sides of the disconnect point
- Optional snap-in switching lock effectively prevents unintentional switching
- Universal disconnect zone for also accommodating isolating plugs, feed-through connectors, component connectors, and fuse plugs

Your web code: #0070

PTRV ... marshalling terminals



- Marshalling terminals with a space-saving design
- Signal wiring on four or eight levels
- Color coding in up to eleven colors for clear identification of the wiring levels
- Patented double connection for reliable contacting
- Testing facility on every double connection

Your web code: #0160

PTRVB ... potential distributors



- Space-saving potential distribution with up to 32 connections
- Potential distribution blocks can be individually adapted with plug-in bridges for assembly
- Variants with 6 mm² supply option and 32 A
- Versions are available in blue and red for clear assignment
- Large-surface marking options

Your web code: #0160

PTMC ... marshalling patchboards



- Modular marshalling patchboards with stackable concept
- Front and rear wiring
- Individual color coding of the terminal points
- Easy and clear wiring thanks to Push-in connection technology
- Convenient testing facility and marking option for the terminal points
- Various mounting methods on different carrier systems

Your web code: #0161

PTU ... hybrid terminal blocks



- PT mixed connection with screw connection technology on one side
- Quick and easy Push-in connection for the internal control cabinet wiring
- Universal screw connection for the end user's external wiring
- Double bridging supported throughout and compatible with all standard terminal blocks
- Internal TWIN connection for compact potential distribution

Your web code: #0068

Feed-through and multi-conductor terminal blocks in PTS ..., PTS ...-TWIN desk design



- Angled design enables minimized bending radii for better conductor routing
- Designed for use on wiring frames instead of typical channel wiring
- Compact design from 3.5 mm horizontal pitch
- Two-, three-, and four-conductor terminal blocks with the same shape

Your web code: #0072

PT ...-HESI fuse terminal blocks



- Easy-access fuse-links are easy to replace
- Easy potential distribution thanks to comprehensive function shafts
- Convenient fuse testing thanks to test points on both sides
- Quick identification of faulty fuses thanks to LED status indicator
- Variants for use in the Ex area with Ex-nA type of protection

Your web code: #1393

PT Push-in connection terminal blocks

PTI ... installation terminal blocks



- Compact installation distributor terminal blocks for single-/three-phase applications
- Double function shafts for fast potential distribution on every level
- Fast and reliable neutral conductor disconnection with snap-lock mechanism in the limit positions
- Can be mounted and removed flexibly as a group without having to remove the busbar
- Large-surface marking and testing facility for every terminal point

Your web code: #0073

MPT ... miniature terminal blocks



- Miniature terminal block for 15 mm DIN rail systems
- Extremely compact design for use in small control boxes
- Testing facility for every current path
- Can be bridged with the patented FBS ... plug-in bridge system
- Protective conductor terminal blocks of the same shape
- Plug-in version with COMBI plug-in connection on one side, e.g., for quick wiring of pre-assembled cables
- Powerful contact up to 24 A

Your web code: #0074

Motor terminals



- Compact four-level terminal blocks for wiring three-phase loads
- Three phases and protective conductor terminal in a single terminal
- Bridging facility on each level for potential distribution or star-delta applications
- Testing facility on each level
- Large-surface marking for every terminal point
- Powerful contact up to 32 A

Your web code: #0159

Hybrid potential bus terminals with PTU ... Push-in and screw connection



- Simple potential collection or distribution
- Compact, space-saving design
- Can be bridged with standard plug-in bridges
- Easy to test with 2.3 mm standard test connection
- Large-surface marking options

Your web code: #1394

PTPOWER Power-Turn high-current terminal blocks



- High-current spring terminal block with patented Power-Turn connection
- Quick and easy wiring of conductor cross sections up to 150 mm²
- Alternative direct plug-in of the conductor, e.g., in confined mounting positions
- Easy potential distribution by means of insertion bridges that can be locked
- Tap-off terminal blocks that can be snapped on on both sides enable voltage tap-off of up to 4 x 16 mm² per terminal block
- Installation on 35 mm DIN rail or as flange solution for direct mounting

Your web code: #0158

PTFIX ... distribution blocks



- Time savings of up to 80%, thanks to ready-to-mount blocks without manual bridging
- Flexible use thanks to DIN rail mounting, direct mounting or gluing
- Space savings of up to 50% on the DIN rail, thanks to transverse mounting
- Alignable and bridgeable with standard plug-in bridges
- Wiring clarity with eleven color variants
- Testing facility for all common probes

Your web code: #1395

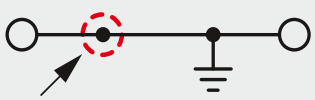
1.5 mm² PT Push-in connection terminal blocks

General technical data for 1.5 mm² PT Push-in connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	1.5			
Cross section range	AWG	26 - 14			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plugged in	[mm²]	0.25 - 1.5	-	0.34 - 1.5	0.34 - 1
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



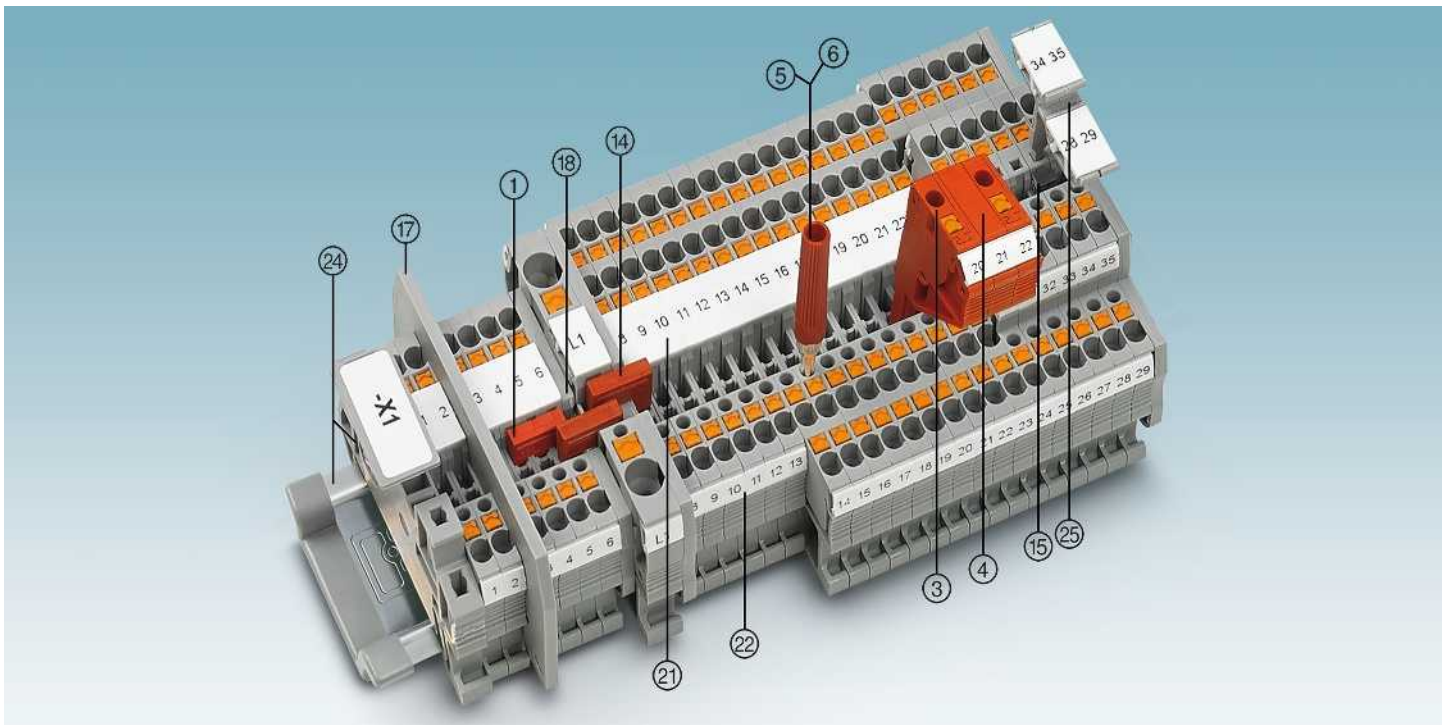
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 1.5 mm² PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-3,5**	3213014	50			
	3	red	**FBS 3-3,5**	3213027	50			
	4	red	**FBS 4-3,5**	3213030	50			
	5	red	**FBS 5-3,5**	3213043	50			
	10	red	**FBS 10-3,5**	3213056	50			
	20	red	**FBS 20-3,5**	3213069	50			
③ **Modular test plug**		red	**PS-3,5**	3031010	10			
④ **Spacer plate**		red	**DP PS-3,5**	3031011	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
Screwdriver			**SZF 0-0,4X2,5**	1204504	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS 1,5/S-PV ..., see page 398.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UCT-TM 3,5 or ZB 3,5. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UCT-TMF 3,5 or ZBF 3,5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉕ **Marker carrier**	**For STP ..., see page 412.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

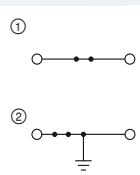
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

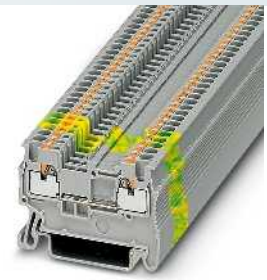
Notes:

[1]) For additional accessories and technical data, see page 36.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

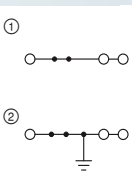
Dimensions		Width	Length	Height	
	[mm]	3.5	45	32 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.14 - 1.5	26-14
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	352
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	15 / 1.5

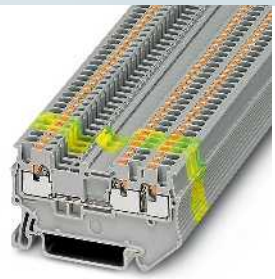
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 1,5/S**	①	3208100	50
	blue	**PT 1,5/S BU**	①	3208126	50
Ground terminal	green-yellow	**PT 1,5/S-PE**	②	3208139	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 1,5/S**	3208142	50





17.5 A, feed-through terminal block, 3 connections

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

Width	Length	Height		
3.5	**54**	**32 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
17.5	**500**	**0.14 - 1.5**	**26-14**	
17.5				
IEC	UL / CUL	CSA	Ex	
500	600	600	352	
17.5 / 1.5	15 / -	15 / -	15 / 1.5	

Ordering data

Type		Order No.	Pcs./Pkt.
PT 1,5/S-TWIN	①	3208155	50
PT 1,5/S-TWIN BU	①	3208168	50
PT 1,5/S-TWIN-PE	②	3208171	50

Accessories[1])

D-PT 1,5/S-TWIN	3208184	50

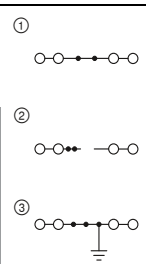
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

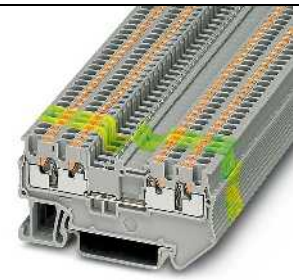
Notes:

[1]) For additional accessories and technical data, see page 36.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block, 4 connections

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

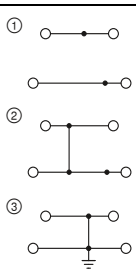
Dimensions		Width	Length	Height	
	[mm]	3.5	63.2	32 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.14 - 1.5	26-14
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	352
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	15 / 1.5

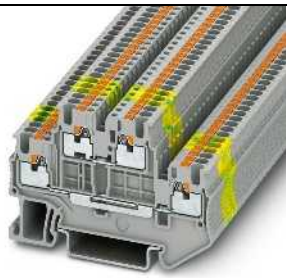
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 1,5/S-QUATTRO**	①	3208197	50
	blue	**PT 1,5/S-QUATTRO BU**	①	3208208	50
with interrupted current bar	gray	**PT 1,5/S-QUATTRO-U**	②	3208359	50
with potential distribution	gray				
Ground terminal	green-yellow	**PT 1,5/S-QUATTRO-PE**	③	3208333	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 1,5/S-QUATTRO**	3208375	50





16 A, double-level terminal block, 4 connections

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

Width	Length	Height		
3.5	**65.4**	**42.6 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
16	**500**	**0.14 - 1.5**	**26-14**	
16				
IEC	UL / CUL	CSA	Ex	
500	600	600	352	
16 / 1.5	15 / -	15 / -	14.5 / 1.5	

Ordering data

Type		Order No.	Pcs./Pkt.
PTTB 1,5/S	①	3208511	50
PTTB 1,5/S BU	①	3208524	50
PTTB 1,5/S-PV	②	3208540	50
PTTB 1,5/S-PE	③	3208537	50

Accessories[1])

D-PTTB 1,5/S	3208579	50

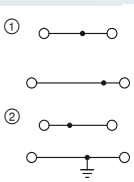
1.5 mm² PT Push-in connection terminal blocks

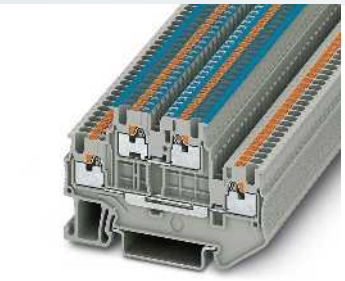
Multi-level terminal blocks

Notes:

1) For additional accessories and technical data, see page 36.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.





16 A, double-level terminal block, 4 connections





16 A, double-level terminal block, 4 connections, for KNX bus wiring

Technical data1)			
Width	Length	Height	
3.5	65.4	42.6 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	500	0.14 - 1.5	26-14
16			
IEC	UL / CUL	CSA	Ex
500	600	600	-
16 / 1.5	15 / -	15 / -	- / -

Technical data1)			
Width	Length	Height	
3.5	78.8	48.2 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	500	0.14 - 1.5	-
16			
IEC	UL / CUL	CSA	Ex
500	-	-	-
16 / 1.5	- / -	- / -	- / -

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**PTTB 1,5/S-L/N** ①	3208544	50
	gray	**PTTB 1,5/S-PE/L** ②	3208553	50
upper level blue	gray	**PTTB 1,5/S-PE/N** ②	3208566	50
Terminal block	white			
	white			
	white			

Accessories1)			
Cover, width: 2.2 mm	gray	**D-PTTB 1,5/S**	3208579	50

Ordering data			
Type		Order No.	Pcs./Pkt.
PTTBS 1,5/S-KNX ①		3214663	50
PTTBS 1,5/S WH/U-BK/O-RD ①		3214662	50
PTTBS 1,5/S WH/U-YE/O-WH ①		3214661	50

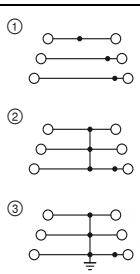
Accessories1)			
D-PTTBS 1,5/S-KNX		3214664	10

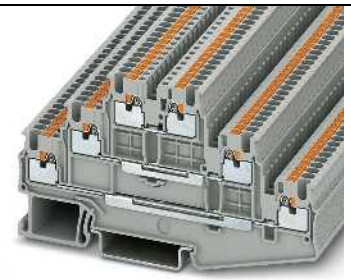
Multi-level terminal blocks

Notes:

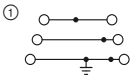
1) For additional accessories and technical data, see page 36.

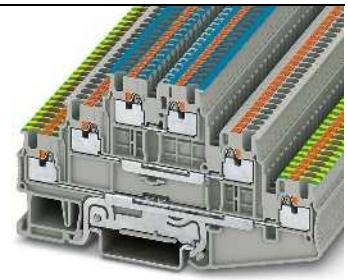
For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.





15 A, multi-level terminal block, 6 connections





15 A, multi-level terminal block with PE foot

Technical data1)			
Width	Length	Height	
3.5	97.2	53.2 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
15	500	0.14 - 1.5	26-14
15			
IEC	UL / CUL	CSA	Ex
500	600	600	-
15 / 1.5	15 / -	15 / -	- / -

Technical data1)			
Width	Length	Height	
3.5	97.2	53.2 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
15	500	0.14 - 1.5	26-14
15			
IEC	UL / CUL	CSA	Ex
500	600	600	-
15 / 1.5	15 / -	15 / -	- / -

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**PT 1,5/S-3L** ①	3213713	50
	blue	**PT 1,5/S-3L BU** ①	3213726	50
upper level blue	gray			
	gray			
With potential distribution	gray	**PT 1,5/S-3PV** ②	3213742	50
Ground terminal	green-yellow	**PT 1,5/S-3PE** ③	3213739	50

Accessories1)			
Cover, width: 2.2 mm	gray	**D-PT 1,5/S-3L**	3113771	50

Ordering data			
Type		Order No.	Pcs./Pkt.
PT 1,5/S-PE/L/N ①		3213755	50
PT 1,5/S-PE/L/L ①		3213768	50

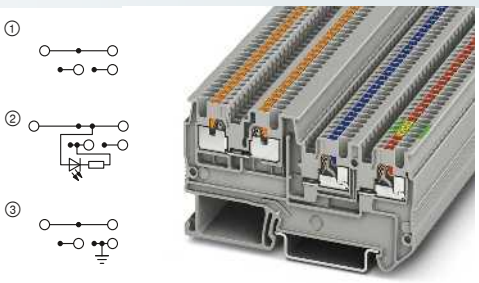
Accessories1)			
D-PT 1,5/S-3L		3113771	50

Initiator/actuator terminal blocks

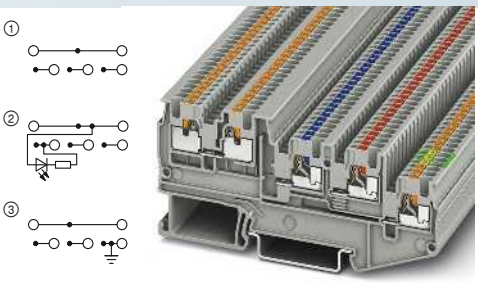
Notes:

[1]) For additional accessories and technical data, see page 36.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



13.5 A, three-conductor initiator terminal block



13.5 A, four-conductor actuator terminal block

Technical data[1])							
Dimensions	Width	Length	Height		Width	Length	Height	
[mm]	**3.5**	**74.4**	**41.5 (NS 35/7,5)**		**3.5**	**90.8**	**41.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	13.5	**250**	**0.14 - 1.5**	**26-14**	**13.5**	**250**	**0.14 - 1.5**	**26-14**
Maximum bridge current [A]	17.5				17.5			
Rated data	IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	250	300	300	-	250	300	300	-
Nominal current / cross section [A] / [mm²]	13.5 / 1.5	15 / -	15 / -	- / -	13.5 / 1.5	15 / -	15 / -	- / -

Ordering data							
Description	Color	Type		Order No.	Pcs./Pkt.	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTIO 1,5/S/3**	①	3244410	50	**PTIO 1,5/S/4**	①	3244452	50
Red LED, 15 - 30 V DC, 0.31 - 0.95 mA, LED between upper and middle level	gray	**PTIO 1,5/S/3-LED 24 RD**	②	3244423	50	**PTIO 1,5/S/4-LED 24 RD**	②	3244517	50
Green LED, 15 - 30 V DC, 0.31 - 0.95 mA, LED between upper and middle level	gray	**PTIO 1,5/S/3-LED 24 GN**	②	3244436	50	**PTIO 1,5/S/4-LED 24 GN**	②	3244520	50
Terminal block, with PE connection	gray	**PTIO 1,5/S/3-PE**	③	3244449	50	**PTIO 1,5/S/4-PE**	③	3244465	50

Accessories[1])					
Cover, width: 2.2 mm	gray	**D-PTIO 1,5/S/3**	3244575	50	**D-PTIO 1,5/S/4**	3244588	50

Feed-in terminals

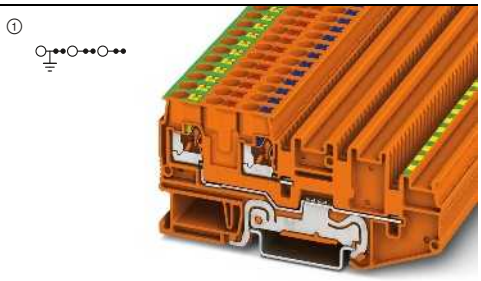
Notes:

[1]) For additional accessories and technical data, see page 36.

[2]) In the case of central supply.



2.5 (4) mm², 20 A, feed-in terminal



2.5 (4) mm², 20 A, feed-in terminal with PE connection

Technical data[1])							
Dimensions	Width	Length	Height		Width	Length	Height	
[mm]	**7**	**74.4**	**41.5 (NS 35/7,5)**		**7**	**90.8**	**41.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20[2])	**250**	**0.2 - 4**	**24-12**	**20[2])**	**250**	**0.2 - 4**	**24-12**
Maximum bridge current [A]	17.5				17.5			
Rated data	IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	250	300	300	-	250	-	300	-
Nominal current / cross section [A] / [mm²]	20 / 2.5	16 / -	16 / -	- / -	20 / 2.5	- / -	16 / -	- / -
Rated cross section [mm²]	2.5				2.5			
Cross section range AWG	24 - 12	-	-	-	24 - 12	-	-	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 4	0.2 - 2.5	0.2 - 2.5	0.2 - 2.5	0.2 - 4	0.2 - 2.5	0.2 - 2.5	0.2 - 2.5
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5	-	-	-	0.5
Connection cross sections directly plugged in [mm²]	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5

Ordering data							
Description	Color	Type		Order No.	Pcs./Pkt.	Type		Order No.	Pcs./Pkt.
Feed-in terminal	orange	**PTIO-IN 2,5/3 OG**	①	3244559	50	**PTIO-IN 2,5/4-PE OG**	①	3244481	50
Feed-in terminal, with PE connection	orange								
Cover, width: 2.2 mm	gray	**D-PTIO 1,5/S/3**		3244575	50	**D-PTIO 1,5/S/4**		3244588	50

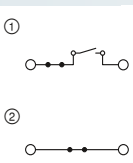
Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 36.

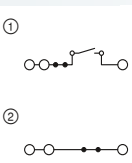
The nominal current for PT ...MTD.. terminal blocks is 17.5 A.

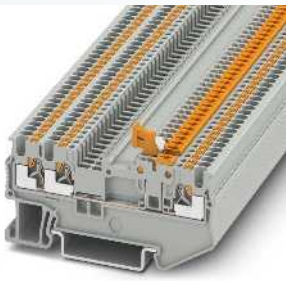
For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.





10 A, knife disconnect terminal block





10 A, knife disconnect terminal block, 3 connections

Technical data[1])			
Width	Length	Height	
3.5	**58.9**	**32 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10	**400**	**0.14 - 1.5**	**26-16**
10			
IEC	UL / CUL	CSA	Ex
400	300	300	-
10 / 1.5	10 / -	10 / -	- / -

Technical data[1])			
Width	Length	Height	
3.5	**67.8**	**32 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10	**400**	**0.14 - 1.5**	**26-16**
10			
IEC	UL / CUL	CSA	Ex
400	300	300	-
10 / 1.5	10 / -	10 / -	- / -

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Knife disconnect terminal block	gray
	blue
Feed-through terminal block, same shape	gray
	blue

Ordering data			
Type		**Order No.**	Pcs./Pkt.
PT 1,5/S-MT	①	3210301	50
PT 1,5/S-MT BU	①	3210302	50
PT 1,5/S-MTD	②	3210308	50
PT 1,5/S-MTD BU	②	3210309	50

Accessories[1])			
D-PT 1,5/S-MT-0,8		3210303	50
D-PT 1,5/S-MT-0,8 OG		3210304	50

Ordering data			
Type		**Order No.**	Pcs./Pkt.
PT 1,5/S-TWIN-MT	①	3210311	50
PT 1,5/S-TWIN-MT BU	①	3210312	50
PT 1,5/S-TWIN-MTD	②	3210317	50
PT 1,5/S-TWIN-MTD BU	②	3210319	50

Accessories[1])			
D-PT 1,5/S-TWIN-MT-0,8		3210313	50
D-PT 1,5/S-TWIN-MT-0,8 OG		3210314	50

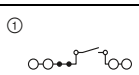
Cover, 0.8 mm width	
	gray
	orange

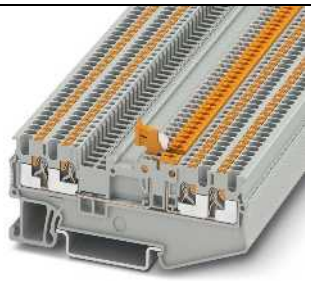
Knife disconnect terminal blocks

Notes:

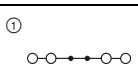
[1]) For additional accessories and technical data, see page 36.

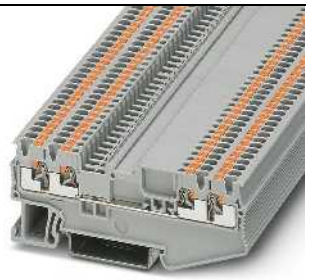
For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.





10 A, knife disconnect terminal block, 4 connections





17.5 A, feed-through terminal block, 4 connections, same shape

Technical data[1])			
Width	Length	Height	
3.5	**76.9**	**32 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10	**400**	**0.14 - 1.5**	**26-16**
10			
IEC	UL / CUL	CSA	Ex
400	300	300	-
10 / 1.5	10 / -	10 / -	- / -

Technical data[1])			
Width	Length	Height	
3.5	**76.9**	**32 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**400**	**0.14 - 1.5**	**26-16**
17.5			
IEC	UL / CUL	CSA	Ex
400	300	300	-
17.5 / 1.5	10 / -	10 / -	- / -

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Knife disconnect terminal block	gray
	blue
Feed-through terminal block, same shape	gray
	blue

Ordering data			
Type		**Order No.**	Pcs./Pkt.
PT 1,5/S-QUATTRO-MT	①	3210321	50
PT 1,5/S-QUATTRO-MT BU	①	3210322	50

Ordering data			
Type		**Order No.**	Pcs./Pkt.
PT 1,5/S-QUATTRO-MTD	①	3210328	50
PT 1,5/S-QUATTRO-MTD BU	①	3210329	50

Accessories[1])			
D-PT 1,5/S-QUATTRO-MT-0,8		3210333	50
D-PT 1,5/S-QUATTRO-MT-0,8 OG		3210334	50

Accessories[1])			
D-PT 1,5/S-QUATTRO-MT-0,8		3210333	50
D-PT 1,5/S-QUATTRO-MT-0,8 OG		3210334	50

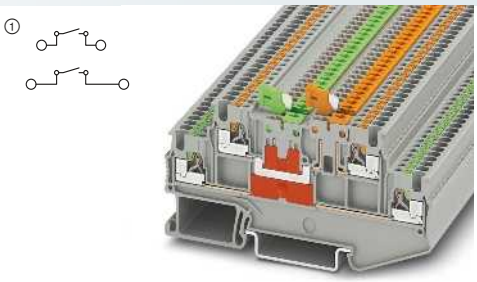
Cover, 0.8 mm width	
	gray
	orange

Knife disconnect terminal blocks

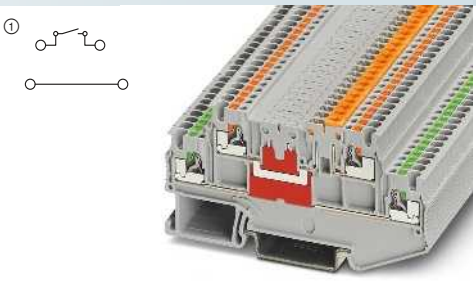
Notes:

[1]) For additional accessories and technical data, see page 36.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



9 A, double-level terminal block with one disconnect knife per level



9 A, double-level terminal block with disconnect knife, upper level can be disconnected

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	3.5	86	42.6 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		9	400	0.14 - 1.5	26-16
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	9 / 1.5	10 / -	10 / -	- / -

Technical data[1])

		Width	Length	Height	
		3.5	86	42.6 (NS 35/7,5)	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		9	400	0.14 - 1.5	26-16
		IEC	UL / CUL	CSA	Ex
		400	300	300	-
		9 / 1.5	10 / -	10 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	**PTT 1,5/S-2MT**	①	3210351	50
	blue	**PTT 1,5/S-2MT BU**	①	3210352	50

Ordering data

Type		Order No.	Pcs./Pkt.
PTT 1,5/S-L/MT	①	3210341	50
PTT 1,5/S-L/MT BU	①	3210342	50

Accessories[1])

Cover, 0.8 mm width	gray	**D-PTT 1,5/S-2MT-0,8**	3210353	50
	orange	**D-PTT 1,5/S-2MT-0,8 OG**	3210354	50

Accessories[1])

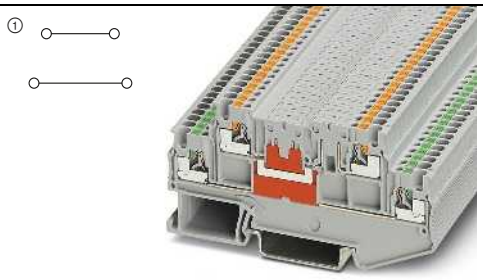
D-PTT 1,5/S-2MT-0,8	3210353	50
D-PTT 1,5/S-2MT-0,8 OG	3210354	50

Double-level terminal block, same shape

Notes:

[1]) For additional accessories and technical data, see page 36.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.



9 A, double-level terminal block, same shape

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	3.5	86	42.6 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		9	400	0.14 - 1.5	26-16
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	9 / 1.5	10 / -	10 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTT 1,5/S-2L**	①	3210356	50
	blue	**PTT 1,5/S-2L BU**	①	3210357	50

Accessories[1])

Cover, 0.8 mm width	gray	**D-PTT 1,5/S-2MT-0,8**	3210353	50
	orange	**D-PTT 1,5/S-2MT-0,8 OG**	3210354	50

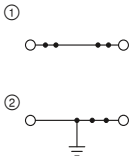
1.5 mm² PT Push-in connection terminal blocks

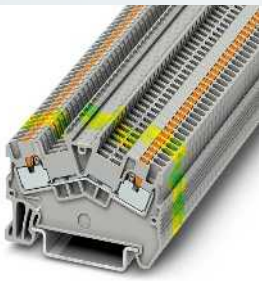
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals in desk design

Notes:

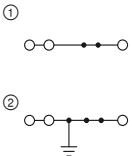
[1]) For additional accessories and technical data, see page 36.

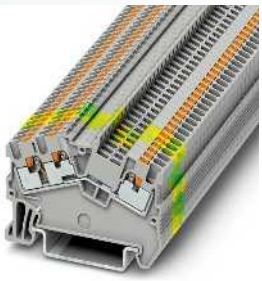
For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.





17.5 A, feed-through terminal block





17.5 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	3.5	50.7	38.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.14 - 1.5	26-14
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	3.5	50.7	38.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.14 - 1.5	26-14
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTS 1,5/S**	①	3214547	50
	blue	**PTS 1,5/S BU**	①	3214550	50
Ground terminal	green-yellow	**PTS 1,5/S-PE**	②	3214563	50

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTS 1,5/S-TWIN**	①	3214589	50
	blue	**PTS 1,5/S-TWIN BU**	①	3214592	50
Ground terminal	green-yellow	**PTS 1,5/S-TWIN-PE**	②	3214602	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTS 1,5/S**	3214576	50

Accessories[1])

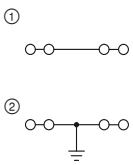
Cover, width: 2.2 mm	gray	**D-PTS 1,5/S**	3214576	50

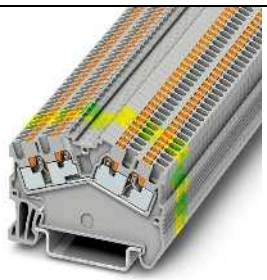
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals in desk design

Notes:

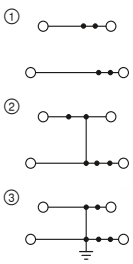
[1]) For additional accessories and technical data, see page 36.

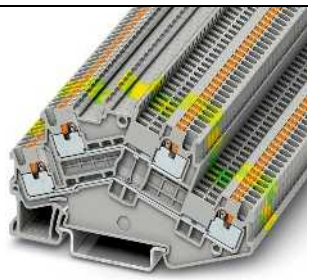
For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.





17.5 A, feed-through terminal block, 4 connections





16 A, double-level terminal block

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	3.5	50.7	38.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.14 - 1.5	26-14
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	3.5	78.8	48.2 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	500	0.14 - 1.5	26-14
		16			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	16 / 1.5	15 / -	15 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTS 1,5/S-QUATTRO**	①	3214615	50
	blue	**PTS 1,5/S-QUATTRO BU**	①	3214631	50
With potential distribution	gray				
Ground terminal	green-yellow	**PTS 1,5/S-QUATTRO-PE**	②	3214644	50

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTBS 1,5/S**	①	3214657	50
	blue	**PTTBS 1,5/S BU**	①	3214660	50
		PTTBS 1,5/S-PV	②	3214686	50
Ground terminal	green-yellow	**PTTBS 1,5/S-PE**	③	3214673	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTS 1,5/S**	3214576	50

Accessories[1])

		D-PTTBS 1,5/S	3214699	50

Mini feed-through and ground terminal

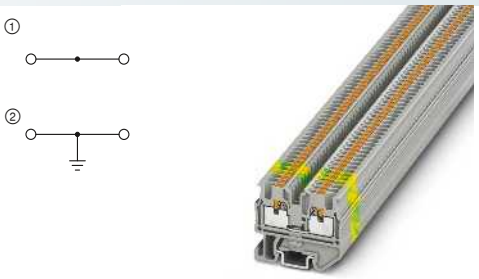
Notes:

[1]) For additional accessories and technical data, see page 36.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.

For more colors for MPT 1,5/S and MP 1,5, visit phoenixcontact.net/products

For information on installation and using accessories for Ex applications, see page 644.



17.5 A, mini feed-through terminal block

Ex: SEV14ATEX0140U / IECEx SEV14.0010U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	3.5	33.55	28.1 (NS 15)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.14 - 1.5	26-14
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	352
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	14.5 / 1.5
Cross section range	AWG	26 - 14	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1
Connection cross sections directly plugged in	[mm²]	0.25 - 1.5	-	0.34 - 1.5	0.34 - 1

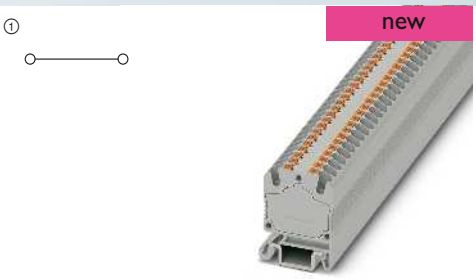
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**MPT 1,5/S**	①	3248100	50
Ground terminal	green-yellow	**MPT 1,5/S-PE**	②	3248110	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-MPT 1,5/S**	3248120	50

new



17.5 A, single terminal block

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	4.2	21	27.2 (NS 15)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.14 - 1.5	26-14
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	-
Nominal current / cross section	[A] / [mm²]	17.5	15 / -	15 / -	- / -
Cross section range	AWG	26 - 16	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	0.25 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 1.5	-	0.5 - 1.5	0.5 - 1.5

Ordering data

Type		Order No.	Pcs./Pkt.
MP 1,5	①	3248150	50

Accessories[1])

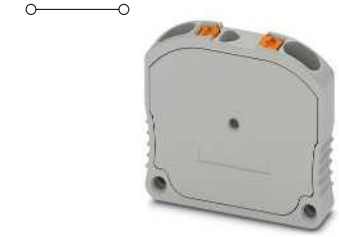
Micro-distribution blocks

Notes:

[1]) For additional accessories and technical data, see page 36.

For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.

new



17.5 A, micro distribution block, 2 connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	4.2	20	17.5	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	450	0.14 - 1.5	26-14
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	450	300	300	-
Nominal current / cross section	[A] / [mm²]	17.5	15 / -	15 / -	- / -
Cross section range	AWG	26 - 16	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	0.25 - 1
Connection cross sections directly plugged in	[mm²]	0.34 - 1.5	-	0.5 - 1.5	0.5 - 1

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**MPI 1,5**	①	3248490	20
Potential distributor, 4 connections	gray				
6 connections, 12.6 mm width	gray				
8 connections, 16.8 mm width	gray				

new



17.5 A, micro distribution block, multiple connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	8.4	20	17.5	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	450	0.14 - 1.5	26-14
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	450	300	300	-
Nominal current / cross section	[A] / [mm²]	17.5	15 / -	15 / -	- / -
Cross section range	AWG	26 - 16	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	0.25 - 1
Connection cross sections directly plugged in	[mm²]	0.34 - 1.5	-	0.5 - 1.5	0.5 - 1

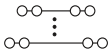
Ordering data

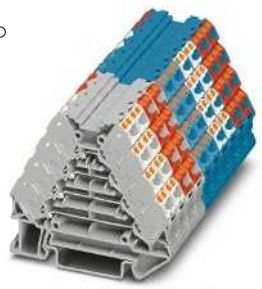
Type		Order No.	Pcs./Pkt.
MPI 4X1,5	①	3248491	20
MPI 6X1,5	②	3248492	20
MPI 8X1,5	③	3248493	20

1.5 mm² PT Push-in connection terminal blocks

Marshalling terminal, four levels



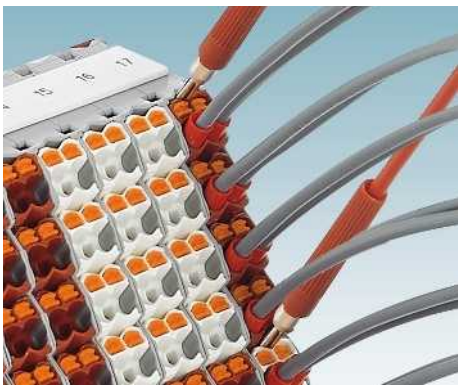




10 A, marshalling terminal, 16 connections

DNV GL

- Maximum signal density and up to 20% less space required, thanks to the compact design
- Easy and tool-free wiring thanks to Push-in connection
- Freely configurable color assignment for conductors and terminal points, enabling intuitive and safe installation
- Four conductors up to 2.5 mm² can be connected to one potential by means of the double connection
- Convenient testing by means of freely accessible 2.3 mm test connections centered between the connection points
- Large-surface, pitch-free marking for matrix identification
- Easy potential distribution with plug-in bridges and 6 mm² supply
- Blue marshalling terminals for use in Ex i safety circuits < 60 V
- Cabling duct combs can be snapped on as an option
- FTRV versions are available without actuation lever



Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		8.3	**64**	**55.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		10	**250**	**0.14 - 2.5 / 26-14**
Rated data		IEC 60947-7-1		
		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	250	300	300 / -
Nominal current / cross section	[A] / [mm²]	10 / 1.5	10	10 / -
Cross section range	AWG	26 - 14	26-14	26-14 / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5 / 0.34 - 1.5

Ordering data

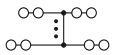
Description	Color	Type	Order No.	Pcs./Pkt.
Marshalling terminal, white chambers	gray	**PTRV 4 /WH**	3270115	10
Chambers: red	gray	**PTRV 4 /RD**	3270121	10
Chambers: blue	blue	**PTRV 4 BU/BU**	3270118	10
Chambers: white	blue	**PTRV 4 BU/WH**	3270119	10
Chambers: red	blue	**PTRV 4 BU/RD**	3270120	10
Marshalling terminal, without actuation lever, white chambers	gray	**FTRV 4 /WH**	3270169	10
Chambers: red	gray	**FTRV 4 /RD**	3270175	10
Chambers: blue	blue	**FTRV 4 BU/BU**	3270172	10
Chambers: white	blue	**FTRV 4 BU/WH**	3270173	10
Chambers: red	blue	**FTRV 4 BU/RD**	3270174	10

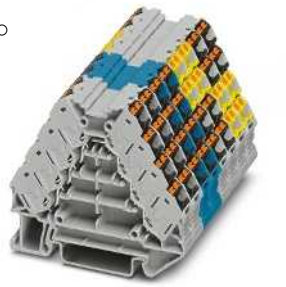
Accessories

Spacer plate, width: 8.3 mm	gray	**DP-PTRV 4**	3270163	10
Cable duct comb, can be snapped on	gray	**CDC-PTRV**	3270167	10
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, **unprinted**	white	**ZBF 6/9,2 S8:UNBEDRUCKT**	0803447	10
printed horizontally, numbers 1-8	white	**ZBF 6/9,2 S8,LGS:1-8**	0803450	10
printed horizontally, letters A-H	white	**ZBF 6/9,2 S8,LGS:A-H**	0803451	10
printed vertically, numbers 1-8	white	**ZBF 6/9,2 S8,QR:1-8**	0803448	10
printed vertically, letters A-H	white	**ZBF 6/9,2 S8,QR:A-H**	0803449	10
marked according to customer specifications	white	**ZBF 6/9,2 S8 CUS**	8191575	1
Zack marker strip, for marking the PTRV terminal, **unprinted**	white	**ZB 8,3:UNBEDRUCKT**	0803444	10
printed horizontally, with consecutive numbers, e.g., 1-10, 11-20	white	**ZB 8,3,LGS:FORTL.ZAHLEN**	0803480	10
printed vertically, with consecutive numbers, e.g., 1-10, 11-20	white	**ZB 8,3,QR:FORTL.ZAHLEN**	0803479	10

Potential distributor, four levels

- Potential distributions with up to 16 connections can be implemented with the PTRV ...-PV terminal block
- Blue marshalling terminals for use in Ex i safety circuits < 60 V
- Easy potential distribution with plug-in bridges and 6 mm² supply





20 A, potential distributor, 16 connections

DNV GL

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**8.3**	**64**	**55.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**250**	**0.14 - 2.5**	**26-14**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	250	300	300	-
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	10	10 / -	-
Cross section range	AWG	26 - 14	26-14	26-14	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Potential distributor, black chambers	gray	**PTRV 4-PV /BK**	3270125	10
Chambers: black	blue	**PTRV 4-PV BU/BK**	3270126	10
Chambers: red	gray	**PTRV 4-PV /RD**	3270246	10
Chambers: blue	gray	**PTRV 4-PV /BU**	3270247	10
Potential distributor, top two chambers yellow, bottom two chambers black	gray	**PTRV 4-FE /YEBK**	3270130	10
top two chambers black, bottom two chambers yellow	gray	**PTRV 4-FE /BKYE**	3270131	10
Potential distributor, without actuation lever, black chambers	gray	**FTRV 4-PV /BK**	3270178	10
Chambers: black	blue	**FTRV 4-PV BU/BK**	3270181	10
Potential distributor, without actuation lever, top two chambers yellow, bottom two chambers black	gray	**FTRV 4-FE /YEBK**	3270184	10
top two chambers black, bottom two chambers yellow	gray	**FTRV 4-FE /BKYE**	3270185	10

Accessories

Spacer plate, width: 8.3 mm	gray	**DP-PTRV 4**	3270163	10
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, **unprinted**	white	**ZBF 6/9,2 S8:UNBEDRUCKT**	0803447	10
printed horizontally, numbers 1-8	white	**ZBF 6/9,2 S8,LGS:1-8**	0803450	10
printed horizontally, letters A-H	white	**ZBF 6/9,2 S8,LGS:A-H**	0803451	10
printed vertically, numbers 1-8	white	**ZBF 6/9,2 S8,QR:1-8**	0803448	10
printed vertically, letters A-H	white	**ZBF 6/9,2 S8,QR:A-H**	0803449	10
marked according to customer specifications	white	**ZBF 6/9,2 S8 CUS**	8191575	1

1.5 mm² PT Push-in connection terminal blocks

Potential distributor, four levels



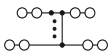
- Space-saving potential distribution with up to 32 connections
- Potential distribution blocks can be individually adapted with plug-in bridges for assembly
- Variants with 6 mm² supply option and 32 A
- Versions are available in blue and red for clear assignment
- Large-surface marking options



Notes:

1) Nominal current of 17.5 A. 16 connections

2) The maximum current of a double connection is 24 A.





37 A, potential distributor, 13 connections, with supply, can be bridged

DNV GL

Technical data

Dimensions					
	[mm]	Width	Length	Height NS 35/7,5	
		8.3	**64**	**55.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**250**	**0.14 - 2.5**	**12-10**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	250	-	-	-
Nominal current / cross section	[A] / [mm²]	17.5²) / 1.5	-	-	-
Cross section range	AWG	26 - 14	12-10	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5
Rated data, supply		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Nominal current / cross section	[A] / [mm²]	32 / 4	-	-	-
Maximum current	[A]	37	-	-	-
Cross section range	AWG	24 - 10	12-10	-	-
Supply connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 6	0.2 - 6	0.2 - 6
Connection cross sections directly plugged in	[mm²]	0.34 - 6	-	0.34 - 6	0.34 - 6

Ordering data

Description	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Potential distributor, with supply	gray	**PTRVB 4-FI /BK**		3270158	10
Chambers: blue	gray	**PTRVB 4-FI /BU**		3270221	10
Chambers: red	gray	**PTRVB 4-FI /RD**		3270220	10
Chambers: gray	gray	**PTRVB 4-FI /GY**		3270138	10
Potential distributor1)	gray	**PTRVB 4-PV /BK**		3270157	10
Chambers: blue	gray	**PTRVB 4-PV /BU**		3270223	10
Chambers: red	gray	**PTRVB 4-PV /RD**		3270222	10
Potential distributor, with supply	gray	**FTRVB 4-FI /BK**		3270208	10
Potential distributor1)	gray	**FTRVB 4-PV /BK**		3270207	10

Accessories

Spacer plate, width: 8.3 mm	gray	**DP-PTRV 4**		3270163	10
Cont. plug-in bridge, 500 mm long, isolated, can be cut to length, for potential distribution					
Nominal current: 32 A	red	**FBST 500-PLC RD**	32 A	2966786	20
	gray	**FBST 500-PLC GY**	32 A	2966838	20
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, **unprinted**	white	**ZBF 6/9,2 S8:UNBEDRUCKT**		0803447	10
printed horizontally, numbers 1-8	white	**ZBF 6/9,2 S8,LGS:1-8**		0803450	10
printed horizontally, letters A-H	white	**ZBF 6/9,2 S8,LGS:A-H**		0803451	10
printed vertically, numbers 1-8	white	**ZBF 6/9,2 S8,QR:1-8**		0803448	10
printed vertically, letters A-H	white	**ZBF 6/9,2 S8,QR:A-H**		0803449	10
marked according to customer specifications	white	**ZBF 6/9,2 S8 CUS**		8191575	1

Accessories

new

new

– Space-saving partition and end cover with isolating function
– Same shape as the PTRV ... marshalling panel





	Technical data	Technical data
General data		
Material	PA	PA

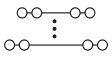
		Ordering data			Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Cover, can be grouped, unprinted	white	**D-PTRV 4 WH**	3270151	10			
Vertically printed: numbers 1-4	white	**D-PTRV 4 WH 1-4**	3270152	10			
Horizontally printed: numbers 1-4	white	**D-PTRV 4 WH 1-4 LGS**	3270234	10			
Vertically printed: numbers 4-1	white	**D-PTRV 4 WH 4-1**	3270236	10			
Horizontally printed: numbers 4-1	white	**D-PTRV 4 WH 4-1 LGS**	3270238	10			
Vertically printed: letters A-D	white	**D-PTRV 4 WH A-D**	3270153	10			
Horizontally printed: letters A-D	white	**D-PTRV 4 WH A-D LGS**	3270235	10			
Vertically printed: letters D-A	white	**D-PTRV 4 WH D-A**	3270237	10			
Horizontally printed: letters D-A	white	**D-PTRV 4 WH D-A LGS**	3270239	10			
Marking strips, no loss of pitch, **vertically printed,** numbers 1-4	white				**TM-PTRV 4,QR:1-4**	0803464	10
Vertically printed, numbers 4-1	white				**TM-PTRV 4,QR:4-1**	0803465	10
Vertically printed, letters A-D	white				**TM-PTRV 4,QR:A-D**	0803466	10
Vertically printed, letters D-A	white				**TM-PTRV 4,QR:D-A**	0803467	10

1.5 mm² PT Push-in connection terminal blocks

Marshalling terminal, eight levels



- Maximum signal density and up to 20% less space required, thanks to the compact design
- Easy and tool-free wiring thanks to Push-in connection
- Freely configurable color assignment for conductors and terminal points, enabling intuitive and safe installation
- Four conductors up to 2.5 mm² can be connected to one potential by means of the double connection
- Convenient testing by means of freely accessible 2.3 mm test connections centered between the connection points
- Large-surface, pitch-free marking for matrix identification
- Easy potential distribution with plug-in bridges and 6 mm² supply
- Blue marshalling terminals for use in Ex i safety circuits < 60 V
- Cabling duct combs can be snapped on as an option
- FTRV versions are available without actuation lever





8 A, marshalling terminal, 32 connections

DNV GL

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		8.3	**100**	**87.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		8	**250**	**0.14 - 2.5 / 26-14**
Rated data		IEC 60947-7-1		
		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	250	300	300 / -
Nominal current / cross section	[A] / [mm²]	8 / 1.5	10	10 / -
Cross section range	AWG	26 - 14	26-14	26-14 / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5 / 0.34 - 1.5

Ordering data

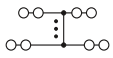
Description	Color	Type	Order No.	Pcs./Pkt.
Marshalling terminal, top four chambers white, bottom four chambers red	gray	**PTRV 8 /WHRD**	3270133	10
top four chambers red, bottom four chambers white	gray	**PTRV 8 /RDWH**	3270137	10
Chambers: blue	blue	**PTRV 8 BU/BU**	3270136	10
top four chambers white, bottom four chambers red	blue	**PTRV 8 BU/WHRD**	3270134	10
top four chambers red, bottom four chambers white	blue	**PTRV 8 BU/RDWH**	3270135	10
Chambers: colors according to VDE 0815 color code	gray	**PTRV 8 /VDE 0815**	3270230	10
Chambers: blue	gray	**PTRV 8 /BU**	3270233	10
Chambers: green	gray	**PTRV 8 /GN**	3270232	10
Chambers: red	gray	**PTRV 8 /RD**	3270231	10
Marshalling terminal, without actuation lever, top four chambers white, bottom four chambers red	gray	**FTRV 8 /WHRD**	3270187	10
top four chambers red, bottom four chambers white	gray	**FTRV 8 /RDWH**	3270193	10
Chambers: blue	blue	**FTRV 8 BU/BU**	3270190	10
top four chambers white, bottom four chambers red	blue	**FTRV 8 BU/WHRD**	3270191	10
top four chambers red, bottom four chambers white	blue	**FTRV 8 BU/RDWH**	3270192	10

Accessories

Spacer plate, width: 8.3 mm	gray	**DP-PTRV 8**	3270166	10
Cable duct comb, can be snapped on	gray	**CDC-PTRV**	3270167	10
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, **unprinted**	white	**ZBF 6/9,2 S8:UNBEDRUCKT**	0803447	10
printed horizontally, numbers 1-8	white	**ZBF 6/9,2 S8,LGS:1-8**	0803450	10
printed horizontally, letters A-H	white	**ZBF 6/9,2 S8,LGS:A-H**	0803451	10
printed vertically, numbers 1-8	white	**ZBF 6/9,2 S8,QR:1-8**	0803448	10
printed vertically, letters A-H	white	**ZBF 6/9,2 S8,QR:A-H**	0803449	10
marked according to customer specifications	white	**ZBF 6/9,2 S8 CUS**	8191575	1
Zack marker strip, for marking the PTRV terminal, **unprinted**	white	**ZB 8,3:UNBEDRUCKT**	0803444	10
printed horizontally, with consecutive numbers, e.g., 1-10, 11-20	white	**ZB 8,3,LGS:FORTL.ZAHLEN**	0803480	10
printed vertically, with consecutive numbers, e.g., 1-10, 11-20	white	**ZB 8,3,QR:FORTL.ZAHLEN**	0803479	10

Potential distributor, eight levels

- Potential distributions with up to 32 connections can be implemented with the PTRV ...-PV terminal block
- Blue marshalling terminals for use in Ex i safety circuits < 60 V
- Easy potential distribution with plug-in bridges and 6 mm² supply





20 A, potential distributor, 32 connections

DNV GL

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**8.3**	**100**	**87.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**250**	**0.14 - 2.5**	**26-14**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	250	300	300	-
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	10	10 / -	-
Cross section range	AWG	26 - 14	26-14	26-14	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Potential distributor, black chambers	gray	**PTRV 8-PV /BK**	3270142	10
Chambers: black	blue	**PTRV 8-PV BU/BK**	3270145	10
Chambers: blue	gray	**PTRV 8-PV /BU**	3270249	10
Chambers: red	gray	**PTRV 8-PV /RD**	3270248	10
Potential distributor, top four chambers yellow, bottom four chambers black	gray	**PTRV 8-FE /YEBK**	3270148	10
top four chambers black, bottom four chambers yellow	gray	**PTRV 8-FE /BKYE**	3270149	10
Potential distributor, without actuation lever, black chambers	gray	**FTRV 8-PV /BK**	3270194	10
Chambers: black	blue	**FTRV 8-PV BU/BK**	3270196	10
Potential distributor, without actuation lever,top four chambers yellow, bottom four chambers black	gray	**FTRV 8-FE /YEBK**	3270202	10
top four chambers black, bottom four chambers yellow	gray	**FTRV 8-FE /BKYE**	3270204	10

Accessories

Spacer plate, width: 8.3 mm	gray	**DP-PTRV 8**	3270166	10
Cable duct comb, can be snapped on	gray	**CDC-PTRV**	3270167	10
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, **unprinted**	white	**ZBF 6/9,2 S8:UNBEDRUCKT**	0803447	10
printed horizontally, numbers 1-8	white	**ZBF 6/9,2 S8,LGS:1-8**	0803450	10
printed horizontally, letters A-H	white	**ZBF 6/9,2 S8,LGS:A-H**	0803451	10
printed vertically, numbers 1-8	white	**ZBF 6/9,2 S8,QR:1-8**	0803448	10
printed vertically, letters A-H	white	**ZBF 6/9,2 S8,QR:A-H**	0803449	10
marked according to customer specifications	white	**ZBF 6/9,2 S8 CUS**	8191575	1

Potential distributor, eight levels

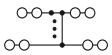


- Space-saving potential distribution with up to 32 connections
- Potential distribution blocks can be individually adapted with plug-in bridges for assembly
- Variants with 6 mm² supply option and 32 A
- Versions are available in blue and red for clear assignment
- Large-surface marking options

Notes:

[1]) Nominal current of 17.5 A. 32 connections

[2]) The maximum current of a double connection is 24 A.





37 A, potential distributor, 29 connections, with supply, can be bridged

cULus DNV GL

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		8.3	**100**	**87.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24	**250**	**0.14 - 2.5** / **12-10**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	250	-	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	-	-
Cross section range	AWG	26 - 14	12-10	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5 / 0.34 - 1.5
Rated data, supply		IEC	UL / CUL	CSA / IEC/ EN 60079-7
Nominal current / cross section	[A] / [mm²]	32 / 4	-	-
Maximum current	[A]	37	-	-
Cross section range	AWG	24 - 10	12-10	-
Supply connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 6	0.2 - 1.5	0.2 - 6 / 0.2 - 6
Connection cross sections directly plugged in	[mm²]	0.34 - 6	-	0.34 - 6 / 0.34 - 6

Ordering data

Description	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Potential distributor, with supply	gray	**PTRVB 8-FI /BK**		3270160	10
Chambers: blue	gray	**PTRVB 8-FI /BU**		3270225	10
Chambers: red	gray	**PTRVB 8-FI /RD**		3270224	10
Potential distributor[1])	gray	**PTRVB 8-PV /BK**		3270159	10
Chambers: blue	gray	**PTRVB 8-PV /BU**		3270227	10
Chambers: red	gray	**PTRVB 8-PV /RD**		3270226	10
Potential distributor, with supply	gray	**FTRVB 8-FI /BK**		3270210	10
Potential distributor[1])	gray	**FTRVB 8-PV /BK**		3270209	10

Accessories

Spacer plate, width: 8.3 mm	gray	**DP-PTRV 8**		3270166	10
Cont. plug-in bridge, 500 mm long, isolated, can be cut to length, for potential distribution					
Nominal current: 32 A	red	**FBST 500-PLC RD**	32 A	2966786	20
	gray	**FBST 500-PLC GY**	32 A	2966838	20
Zack marker strip, flat, for marking the DP-PTRV ... spacer plate, **unprinted**	white	**ZBF 6/9,2 S8:UNBEDRUCKT**		0803447	10
printed horizontally, numbers 1-8	white	**ZBF 6/9,2 S8,LGS:1-8**		0803450	10
printed horizontally, letters A-H	white	**ZBF 6/9,2 S8,LGS:A-H**		0803451	10
printed vertically, numbers 1-8	white	**ZBF 6/9,2 S8,QR:1-8**		0803448	10
printed vertically, letters A-H	white	**ZBF 6/9,2 S8,QR:A-H**		0803449	10
marked according to customer specifications	white	**ZBF 6/9,2 S8 CUS**		8191575	1

Accessories

new

new

– Space-saving partition and end cover with isolating function
– Same shape as the PTRV ... marshalling panel



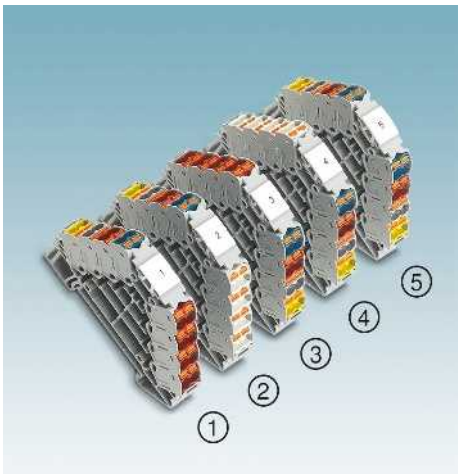


		Technical data			Technical data		
General data							
Material		PA			PA		
		Ordering data			**Ordering data**		
Description	Color	**Type**	**Order No.**	Pcs./Pkt.	**Type**	**Order No.**	Pcs./Pkt.
Cover, can be grouped, unprinted							
	white	**D-PTRV 8 WH**	3270154	10			
Vertically printed: numbers 1-8	white	**D-PTRV 8 WH 1-8**	3270155	10			
Horizontally printed: numbers 1-8	white	**D-PTRV 8 WH 1-8 LGS**	3270240	10			
Vertically printed: numbers 8-1	white	**D-PTRV 8 WH 8-1**	3270242	10			
Horizontally printed: numbers 8-1	white	**D-PTRV 8 WH 8-1 LGS**	3270244	10			
Vertically printed: numbers 1-16	white	**D-PTRV 8 WH 1-16**	3270228	10			
Horizontally printed: numbers 1-16	white	**D-PTRV 8 WH 1-16 LGS**	3270229	10			
Vertically printed: numbers 9-16	white	**D-PTRV 8 WH 9-16**	3270211	10			
Horizontally printed: numbers 9-16	white	**D-PTRV 8 WH 9-16 LGS**	3270212	10			
Vertically printed: numbers 17-24	white	**D-PTRV 8 WH 17-24**	3270213	10			
Horizontally printed: numbers 17-24	white	**D-PTRV 8 WH 17-24 LGS**	3270214	10			
Vertically printed: numbers 25-32	white	**D-PTRV 8 WH 25-32**	3270215	10			
Horizontally printed: numbers 25-32	white	**D-PTRV 8 WH 25-32 LGS**	3270216	10			
Vertically printed: letters A-H	white	**D-PTRV 8 WH A-H**	3270156	10			
Horizontally printed: letters A-H	white	**D-PTRV 8 WH A-H LGS**	3270241	10			
Vertically printed: letters H-A	white	**D-PTRV 8 WH H-A**	3270243	10			
Horizontally printed: letters H-A	white	**D-PTRV 8 WH H-A LGS**	3270245	10			
Vertically printed: letters A-P	white	**D-PTRV 8 WH A-P**	3270217	10			
Horizontally printed: letters A-P	white	**D-PTRV 8 WH A-P LGS**	3270218	10			
Marking, no loss of pitch, **vertically printed,** numbers 1-8							
	white				**TM-PTRV 8,QR:1-8**	0803468	10
Vertically printed, numbers 1-8	white				**TM-PTRV 8,QR:8-1**	0803470	10
Vertically printed, letters A-H	white				**TM-PTRV 8,QR:A-H**	0803471	10
Vertically printed, letters H-A	white				**TM-PTRV 8,QR:H-A**	0803473	10

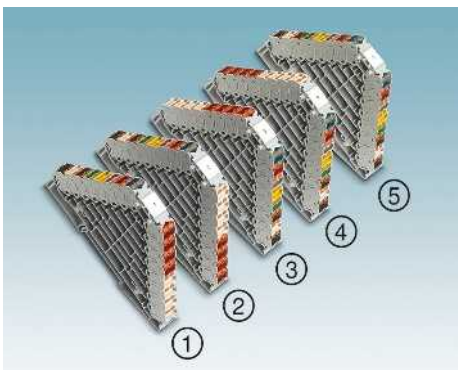
Marshalling terminals for free assembly

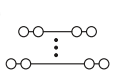
Notes:

For technical data and accessories, see page 44.



- **The marshalling terminals can be easily configured and ordered with just a click of the mouse in the product area on our website at phoenixcontact.net/products.**
- **To order via fax or e-mail, please use the ordering data as shown in the ordering example on the following page**
- Freely configurable marshalling terminal with eleven colors to choose from
- Level-based color configuration
- Various combinations possible for creating a marshalling pitch



① 



Marshalling terminal, color configuration according to customer specifications

cULus DNV GL

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
① **Marshalling terminal,** 4-pos., left side color can be freely configured, right side color: red	gray	**PTRV 4 /COL-RD**	①	3001754	10
② Left side color can be freely configured, right side color: white	gray	**PTRV 4 /COL-WH**	①	3001871	10
③ Left side color: red, right side color can be freely configured	gray	**PTRV 4 /RD-COL**	①	3001872	10
④ Left side color: white, right side color can be freely configured	gray	**PTRV 4 /WH-COL**	①	3001874	10
⑤ Left and right side colors can be freely configured, same colors on each level	gray	**PTRV 4 /COL-COL**	①	3001875	10
① **Marshalling terminal,** 8-pos., left side color can be freely configured, right: upper 4 chambers red, lower 4 chambers white	gray	**PTRV 8 /COL-RDWH**	①	3001851	10
② Left side color can be freely configured, right: upper 4 chambers: white, lower 4 chambers: red	gray	**PTRV 8 /COL-WHRD**	①	3001876	10
③ Left: upper 4 chambers: red, lower 4 chambers: white, right side color can be freely configured	gray	**PTRV 8 /RDWH-COL**	①	3001877	10
④ Left: upper 4 chambers: white, lower 4 chambers: red, right side color can be freely configured	gray	**PTRV 8 /WHRD-COL**	①	3001878	10
⑤ Left and right side colors can be freely configured, same colors on each level	gray	**PTRV 8 /COL-COL**	①	3001879	10
① **Marshalling terminal,** without actuation lever, 4-pos., left side color can be freely configured, right side color: red	gray	**FTRV 4 /COL-RD**	①	3001760	10
② Left side color can be freely configured, right side color: white	gray	**FTRV 4 /COL-WH**	①	3001880	10
③ Left side color: red, right side color can be freely configured	gray	**FTRV 4 /RD-COL**	①	3001881	10
④ Left side color: white, right side color can be freely configured	gray	**FTRV 4 /WH-COL**	①	3001882	10
⑤ Left and right side colors can be freely configured, same colors on each level	gray	**FTRV 4 /COL-COL**	①	3001883	10
① **Marshalling terminal,** without actuation lever, 8-pos., left side color can be freely configured, right: upper 4 chambers: red, lower 4 chambers: white	gray	**FTRV 8 /COL-RDWH**	①	3001852	10
② Left side color can be freely configured, right: upper 4 chambers: white, lower 4 chambers: red	gray	**FTRV 8 /COL-WHRD**	①	3001884	10
③ Left: upper 4 chambers: red, lower 4 chambers: white, right side color can be freely configured	gray	**FTRV 8 /RDWH-COL**	①	3001885	10
④ Left: upper 4 chambers: white, lower 4 chambers: red, right side color can be freely configured	gray	**FTRV 8 /WHRD-COL**	①	3001887	10
⑤ Left and right side colors can be freely configured, same colors on each level	gray	**FTRV 8 /COL-COL**	①	3001888	10

Ordering example: configured marshalling terminal

Ordering example:
A marshalling terminal with eight levels should be configured as follows according to DIN VDE 0815:

The right side is marked red in the upper levels 1 - 4, and the lower levels 5 - 8 are marked white.
Please select order number 3001851 from the configurable items.
The levels on the left side should be colored.

Level 1: blue
Level 2: red
Level 3: gray
Level 4: yellow
Level 5: green
Level 6: brown
Level 7: white
Level 8: black

Specify the color sequence when ordering, as illustrated below in the ordering example.

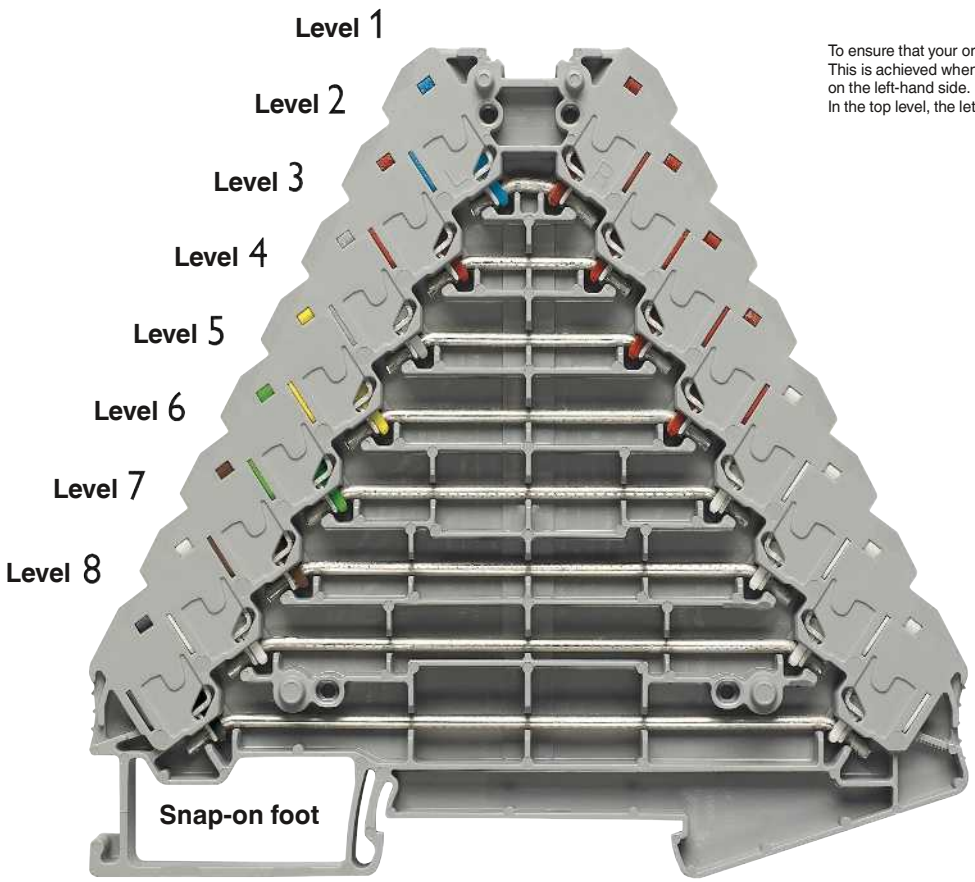
Available colors:

BU	Blue
RD	Red
GY	Gray
YE	Yellow
GN	Green
BN	Brown
WH	White
BK	Black
VT	Violet
OG	Orange
PK	Pink



The ordering data for this ordering example is therefore:

Order No.	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
3001851	BU	RD	GY	YE	GN	BN	WH	BK



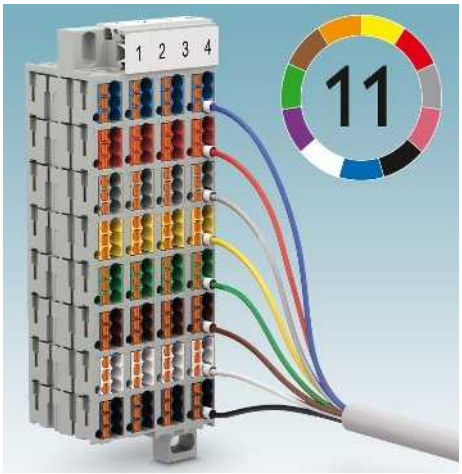
To ensure that your order is correct, you need a defined view.
This is achieved when the snap-on foot in the top view is located on the left-hand side.
In the top level, the letter L is visible.



Marshalling patchboards, for self-assembly



The modular design allows the exact number of positions to be configured for a specific application. Up to 20% increase in signal density due to the compact design.
– The elements snap in easily and securely
– The construction is made up of blocks, making it extremely stable and warp resistant



Freely configurable color assignment for conductors and terminal points, enabling intuitive and safe installation. Terminal point coding with eleven colors to choose from.



Optional snap-on adapters enable easy mounting on standard DIN rails. Adapters can be directly mounted on panel cutouts or 19" racks.



DF-PTMC-3 -ZB snap-on marker adapters for side mounting are available for matrix marking.

Notes:

¹) Derating curve available on request.

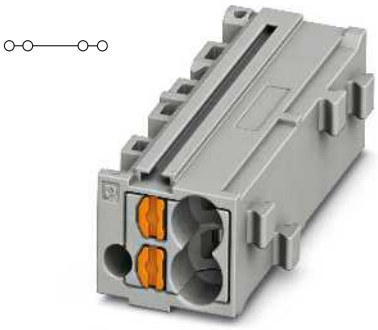
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
Connection cross sections directly plugged in	[mm²]

Description	Color
Marshalling patchboard, single element, gray chamber	gray
Chambers: white	gray
Chambers: blue	gray
Chambers: red	gray
Chambers: green	gray
Chambers: brown	gray
Chambers: black	gray
Chambers: violet	gray
Chambers: orange	gray
Chambers: yellow	gray
Chambers: pink	gray
Marshalling patchboard, without actuation lever, single element, gray chamber	gray
Chambers: white	gray
Chambers: blue	gray
Chambers: red	gray
Chambers: green	gray
Chambers: brown	gray
Chambers: black	gray
Chambers: violet	gray
Chambers: orange	gray
Chambers: yellow	gray
Chambers: pink	gray

Cover flange, for direct mounting above	gray
Cover flange, for direct mounting below	gray
Adapter, for mounting on a DIN rail	gray
Marker adapter, for direct mounting above and to hold marking	gray
Marker adapter, for holding the marking, width 12.2 mm	gray
Width 8.5 mm	gray
Test plug metal part, 2.3 mm Ø	silver
Insulating sleeve, for MPS metal part	red
Marking	



24 A, single element, 6 connections



24 A, single element, 4 connections

Technical data

Width	Length	Height	
11	**12.2**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
PTMC 1,5-3 /GY	3270300	10
PTMC 1,5-3 /WH	3270301	10
PTMC 1,5-3 /BU	3270420	10
PTMC 1,5-3 /RD	3270421	10
PTMC 1,5-3 /GN	3270422	10
PTMC 1,5-3 /BN	3270423	10
PTMC 1,5-3 /BK	3270424	10
PTMC 1,5-3 /VT	3270425	10
PTMC 1,5-3 /OG	3270426	10
PTMC 1,5-3 /YE	3270427	10
PTMC 1,5-3 /PK	3270428	10
FTMC 1,5-3 /GY	3270340	10
FTMC 1,5-3 /WH	3270341	10
FTMC 1,5-3 /BU	3270440	10
FTMC 1,5-3 /RD	3270441	10
FTMC 1,5-3 /GN	3270442	10
FTMC 1,5-3 /BN	3270443	10
FTMC 1,5-3 /BK	3270444	10
FTMC 1,5-3 /VT	3270445	10
FTMC 1,5-3 /OG	3270446	10
FTMC 1,5-3 /YE	3270447	10
FTMC 1,5-3 /PK	3270448	10

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-3-ZB	3270405	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Technical data

Width	Length	Height	
11	**8.6**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

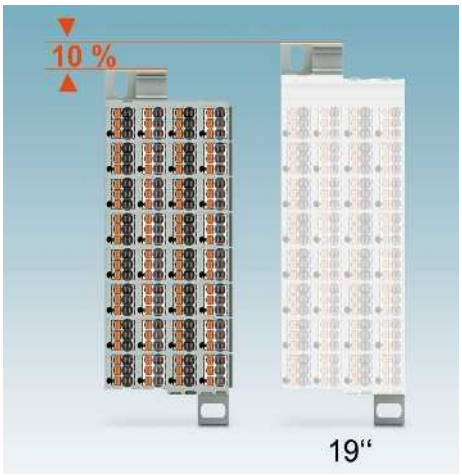
Type	Order No.	Pcs./Pkt.
PTMC 1,5-2 /GY	3270302	10
PTMC 1,5-2 /WH	3270303	10
PTMC 1,5-2 /BU	3270430	10
PTMC 1,5-2 /RD	3270431	10
PTMC 1,5-2 /GN	3270432	10
PTMC 1,5-2 /BN	3270433	10
PTMC 1,5-2 /BK	3270434	10
PTMC 1,5-2 /VT	3270435	10
PTMC 1,5-2 /OG	3270436	10
PTMC 1,5-2 /YE	3270437	10
PTMC 1,5-2 /PK	3270438	10
FTMC 1,5-2 /GY	3270342	10
FTMC 1,5-2 /WH	3270343	10
FTMC 1,5-2 /BU	3270450	10
FTMC 1,5-2 /RD	3270451	10
FTMC 1,5-2 /GN	3270452	10
FTMC 1,5-2 /BN	3270453	10
FTMC 1,5-2 /BK	3270454	10
FTMC 1,5-2 /VT	3270455	10
FTMC 1,5-2 /OG	3270456	10
FTMC 1,5-2 /YE	3270457	10
FTMC 1,5-2 /PK	3270458	10

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-2-ZB	3270406	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Marshalling patchboards, pre-assembled with six connections per element

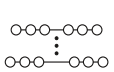


- Compact design that requires less space than 19" standard versions
- Easy and tool-free wiring thanks to Push-in connection
- Six conductors up to 2.5 mm² can be connected to one potential by means of the three conductor connections
- Large-surface marking option
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements
- Blue marshalling patchboards for use in Ex i safety circuits
- FTMC versions are available without actuation lever



Notes:

[1]) Derating curve available on request.





24 A, 32-pos., 192 connections

Technical data

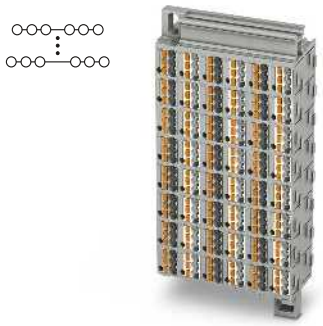
Dimensions				
	[mm]	Width	Length	Height
		44	**102**	**30**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24[1])	**500**	**0.14 - 2.5** / **24-16**
Rated data		IEC 60947-7-1		
		IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	300	- / -
Nominal current / cross section	[A] / [mm²]	17.5[1]) / -	10	- / -
Cross section range	AWG	26 - 14	24-16	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5 / 0.34 - 1.5

Ordering data

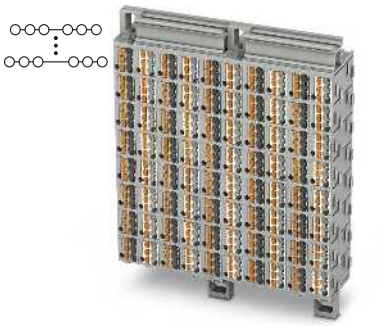
Description	Color	Type	Order No.	Pcs./Pkt.
Marshalling patchboard, 32-pos., chambers: gray/white	gray	**PTMC 1,5/32-3**	3270310	18
Chambers: blue	gray	**PTMC 1,5/32-3 /BU**	3270312	18
Marshalling patchboard, 48-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, 80-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, without actuation lever, 32-pos., chambers: gray/white	gray	**FTMC 1,5/32-3**	3270350	18
Chambers: blue	gray	**FTMC 1,5/32-3 /BU**	3270352	18
Marshalling patchboard, without actuation lever, 48-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, without actuation lever, 80-pos., chambers: gray/white	gray			
Chambers: blue	gray			

Accessories

Cover flange, for direct mounting above	gray	**DF-PTMC-O**	3270400	10
Cover flange, for direct mounting below	gray	**DF-PTMC-U**	3270401	10
Adapter, for mounting on a DIN rail	gray	**DF-PTMC-NS**	3270403	10
Marker adapter, for direct mounting above and to hold marking	gray	**DF-PTMC-ZB**	3270410	10
Marker adapter, for holding the marking, width 12.2 mm	gray	**DF-PTMC-3-ZB**	3270405	10
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Marking		**UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)**		



24 A, 48-pos., 288 connections



24 A, 80-pos., 480 connections

Technical data

Width	Length	Height	
66	**102**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
PTMC 1,5/48-3	3270318	10
PTMC 1,5/48-3 /BU	3270320	10
FTMC 1,5/48-3	3270358	10
FTMC 1,5/48-3 /BU	3270360	10

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-3-ZB	3270405	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Technical data

Width	Length	Height	
110	**102**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

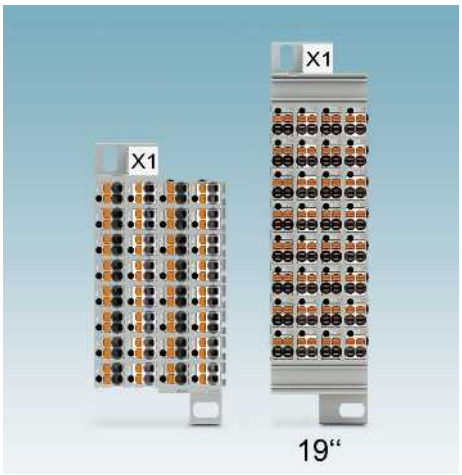
Type	Order No.	Pcs./Pkt.
PTMC 1,5/80-3	3270324	6
PTMC 1,5/80-3 /BU	3270326	6
FTMC 1,5/80-3	3270364	6
FTMC 1,5/80-3 /BU	3270366	6

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-3-ZB	3270405	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

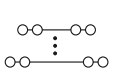
Marshalling patchboards, pre-assembled with four connections per element



- Maximum signal density with 20% less space required than 19" standard versions
- Easy and tool-free wiring thanks to Push-in connection
- Six conductors up to 2.5 mm² can be connected to one potential by means of the three conductor connections
- Large-surface marking option
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements
- Blue marshalling patchboards for use in Ex i safety circuits
- FTMC versions are available without actuation lever

Notes:

[1]) Derating curve available on request.





24 A, 32-pos., 128 connections

Technical data

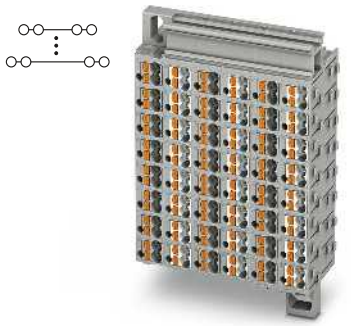
Dimensions				
	[mm]	Width	Length	Height
		44	**73.2**	**30**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24[1])	**500**	**0.14 - 2.5 / 24-16**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	300	- / -
Nominal current / cross section	[A] / [mm²]	17.5[1]) / -	10	- / -
Cross section range	AWG	26 - 14	24-16	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5 / 0.34 - 1.5

Ordering data

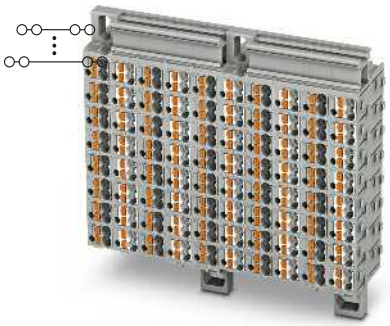
Description	Color	Type	Order No.	Pcs./Pkt.
Marshalling patchboard, 32-pos., chambers: gray/white	gray	**PTMC 1,5/32-2**	3270314	18
Chambers: blue	gray	**PTMC 1,5/32-2 /BU**	3270315	18
Marshalling patchboard, 48-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, 80-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, without actuation lever, 32-pos., chambers: gray/white	gray	**FTMC 1,5/32-2**	3270354	18
Chambers: blue	gray	**FTMC 1,5/32-2 /BU**	3270355	18
Marshalling patchboard, without actuation lever, 48-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, without actuation lever, 80-pos., chambers: gray/white	gray			
Chambers: blue	gray			

Accessories

Cover flange, for direct mounting above	gray	**DF-PTMC-O**	3270400	10
Cover flange, for direct mounting below	gray	**DF-PTMC-U**	3270401	10
Adapter, for mounting on a DIN rail	gray	**DF-PTMC-NS**	3270403	10
Marker adapter, for direct mounting above and to hold marking	gray	**DF-PTMC-ZB**	3270410	10
Marker adapter, for holding the marking, width 8.5 mm	gray	**DF-PTMC-2-ZB**	3270406	10
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Marking		**UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)**		



24 A, 48-pos., 192 connections



24 A, 80-pos., 320 connections

Technical data

Width	Length	Height	
66	**73.2**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
PTMC 1,5/48-2	3270322	10
PTMC 1,5/48-2 /BU	3270323	10
FTMC 1,5/48-2	3270362	10
FTMC 1,5/48-2 /BU	3270363	10

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-2-ZB	3270406	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Technical data

Width	Length	Height	
110	**73.2**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

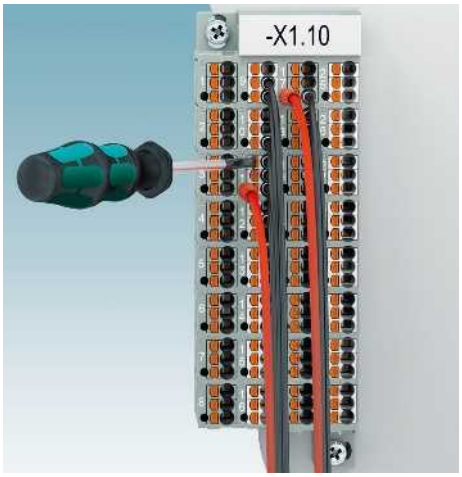
Type	Order No.	Pcs./Pkt.
PTMC 1,5/80-2	3270329	6
PTMC 1,5/80-2 /BU	3270330	6
FTMC 1,5/80-2	3270368	6
FTMC 1,5/80-2 /BU	3270369	6

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10
DF-PTMC-2-ZB	3270406	10
MPS-MT	0201744	10
MPS-IH RD	0201676	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

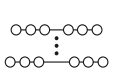
Marshalling patchboards for 19", six connections per element



- Size according to standard DIN EN 60297-3-101 for 19" housing
- Easy and tool-free wiring thanks to Push-in connection
- Six conductors up to 2.5 mm² can be connected to one potential by means of the three conductor connections
- Large-surface marking option
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements
- Blue marshalling patchboards for use in Ex i safety circuits
- FTMC versions are available without actuation lever

Notes:

[1]) Derating curve available on request.





24 A, 32-pos., 192 connections, 6 connections per element

Technical data

Dimensions				
	[mm]	Width	Length	Height
		44	**111**	**30**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24[1])	**500**	**0.14 - 2.5 / 24-16**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	300	- / -
Nominal current / cross section	[A] / [mm²]	17.5[1]) / -	10	- / -
Cross section range	AWG	26 - 14	24-16	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5 / 0.34 - 1.5

Ordering data

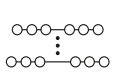
Description	Color	Type	Order No.	Pcs./Pkt.
Marshalling patchboard, 32-pos., chambers: gray/white	gray	**PTMC 1,5/32-3 19Z**	3270311	18
Chambers: blue	gray	**PTMC 1,5/32-3 /BU 19Z**	3270313	18
Marshalling patchboard, 32-pos., colors of individual elements comply with color code VDE 0815	gray			
Marshalling patchboard, 48-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, 80-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, without actuation lever, 32-pos., chambers: gray/white	gray	**FTMC 1,5/32-3 19Z**	3270351	18
Chambers: blue	gray	**FTMC 1,5/32-3 /BU 19Z**	3270353	18
Marshalling patchboard, without actuation lever, 48-pos., chambers: gray/white	gray			
Chambers: blue	gray			
Marshalling patchboard, without actuation lever, 80-pos., chambers: gray/white	gray			
	gray			

Accessories

Cover flange, for direct mounting above	gray	**DF-PTMC-O**	3270400	10
Cover flange, for direct mounting below	gray	**DF-PTMC-U**	3270401	10
Adapter, for mounting on a DIN rail	gray	**DF-PTMC-NS**	3270403	10
Marker adapter, for direct mounting above and to hold marking	gray	**DF-PTMC-ZB**	3270410	10

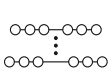
Marking	UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

new



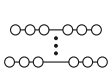


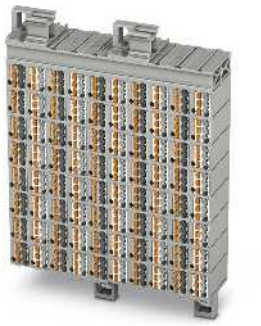
24 A, 32-pos., 192 connections, 6 connections per element





24 A, 48-pos., 288 connections, 6 connections per element





24 A, 80-pos., 480 connections, 6 connections per element

Technical data

Width	Length	Height	
44	**111**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5 / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
PTMC 1,5/32-3 VDE0815 19Z	3270394	18
FTMC 1,5/48-3 19Z	3270359	10
FTMC 1,5/48-3 /BU 19Z	3270361	10
FTMC 1,5/80-3 19Z	3270365	6
FTMC 1,5/80-3 /BU 19Z	3270367	6

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Technical data

Width	Length	Height	
66	**111**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
PTMC 1,5/48-3 19Z	3270319	10
PTMC 1,5/48-3 /BU 19Z	3270321	10
FTMC 1,5/48-3 19Z	3270359	10
FTMC 1,5/48-3 /BU 19Z	3270361	10

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Technical data

Width	Length	Height	
110	**111**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

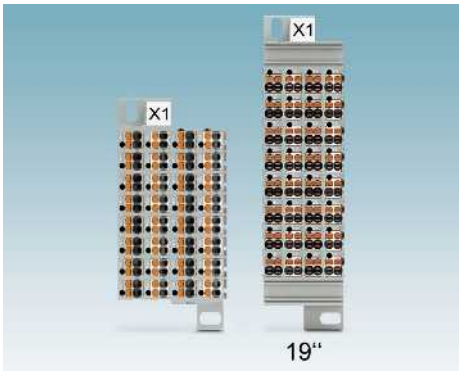
Type	Order No.	Pcs./Pkt.
PTMC 1,5/80-3 19Z	3270325	6
PTMC 1,5/80-3 /BU 19Z	3270327	6

Accessories

DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Marshalling patchboards for 19", six connections per element

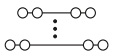


PTMC 1,5/32-2H 19Z version with compact overall width of 34.4 mm and four connections per element

– Easy and tool-free wiring thanks to Push-in connection
– Convenient testing by means of freely accessible 2.3 mm test connections
– Optimum overview thanks to numbered marshalling patchboard elements
– Blue marshalling patchboards for use in Ex i safety circuits
– FTMC versions are available without actuation lever

Notes:

[1]) Derating curve available on request.





24 A, 32-pos., 128 connections

Technical data

Dimensions		Width	Length	Height	
	[mm]	**34.4**	**111**	**30**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[1])	**500**	**0.14 - 2.5**	**24-16**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	300	-	-
Nominal current / cross section	[A] / [mm²]	17.5[1]) / -	10	-	-
Cross section range	AWG	26 - 14	24-16	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

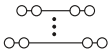
Description	Color	Type	Order No.	Pcs./Pkt.
Marshalling patchboard, 32-pos., four connections per chamber, chambers: gray/white	gray	**PTMC 1,5/32-2H 19Z**	3270316	24
Chambers: blue	gray	**PTMC 1,5/32-2H /BU 19Z**	3270317	24
marked A - H	gray	**PTMC 1,5/32-2H 19Z A-H**	3270392	24
Marshalling patchboard, 32-pos, four connections per chamber, marking 1 - 32, chambers: colors of individual elements comply with color code VDE 0815	gray			
Marshalling patchboard, 32-pos, four connections per chamber, marking A - H, chambers: colors of individual elements comply with color code VDE 0815	gray			
Marshalling patchboard, 32-pos., four connections per chamber, without actuation lever, chambers: gray/white	gray	**FTMC 1,5/32-2H 19Z**	3270356	24
Chambers: blue	gray	**FTMC 1,5/32-2H /BU 19Z**	3270357	24

Accessories

Cover flange, for direct mounting above	gray	**DF-PTMC-O**	3270400	10
Cover flange, for direct mounting below	gray	**DF-PTMC-U**	3270401	10
Adapter, for mounting on a DIN rail	gray	**DF-PTMC-NS**	3270403	10
Marker adapter, for direct mounting above and to hold marking	gray	**DF-PTMC-ZB**	3270410	10

Marking	UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

new





24 A, 32-pos., 128 connections

Technical data

Width	Length	Height	
34.4	**111**	**30**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**500**	**0.14 - 2.5**	**24-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
17.5[1]) / -	10	-	-
26 - 14	24-16	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Type	Order No.	Pcs./Pkt.
PTMC 1,5/32-2H VDE0815 19Z	3270395	24
PTMC 1,5/32-2H VDE0815 19Z A-H	3270393	24

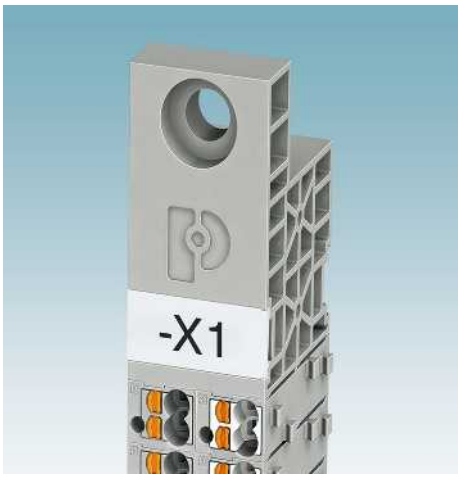
Accessories

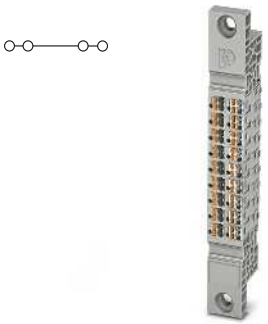
DF-PTMC-O	3270400	10
DF-PTMC-U	3270401	10
DF-PTMC-NS	3270403	10
DF-PTMC-ZB	3270410	10

UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)

Marshalling patchboards

new





24 A, 18-pos., 72 connections, 2 connections per element

Special 18-bit marshalling patchboard for transportation technology

- Compact overall width of just 22 mm and four connections per element
- Special fastening adapter for easy wall mounting
- Easy and tool-free wiring thanks to Push-in connection
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements

Technical data

Dimensions				
	[mm]	Width	Length	Height
		22	**131**	**30**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24	**500**	**0.14 - 2.5 / 24-16**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	500	300	- / -
Nominal current / cross section	[A] / [mm²]	17.5 / -	10	- / -
Cross section range	AWG	26 - 14	24-16	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5 / 0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	- / -

Ordering data

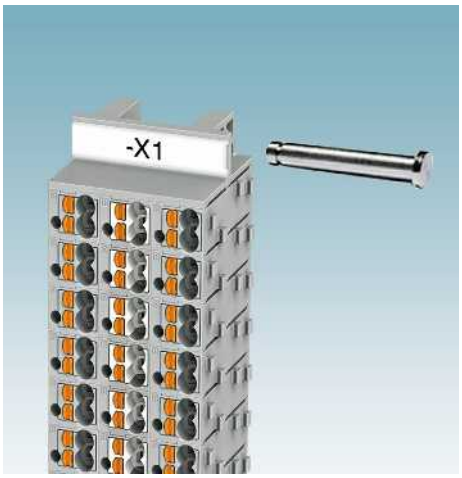
Description	Color	Type	Order No.	Pcs./Pkt.
Marshalling patchboard, 18-pos., chambers: gray/white	gray	**PTMC 1,5/18**	3270390	8

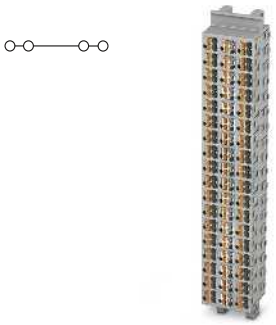
Accessories

Cover flange, for direct mounting above	gray	**DF-PTMC-O**	3270400	10
Cover flange, for direct mounting below	gray	**DF-PTMC-U**	3270401	10
Adapter, for mounting on a DIN rail	gray	**DF-PTMC-NS**	3270403	10
Marker adapter, for direct mounting above and to hold marking	gray	**DF-PTMC-ZB**	3270410	10
Marking		**UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)**		

Marshalling patchboards

new





24 A, 54-pos., 204 connections, 2 connections per element

Special 54-bit marshalling patchboard for transportation technology

- Compact overall width of just 33 mm and four connections per element
- Special fastening adapter for bolt mounting
- Easy and tool-free wiring thanks to Push-in connection
- Convenient testing by means of freely accessible 2.3 mm test connections
- Optimum overview thanks to numbered marshalling patchboard elements

Technical data

Dimensions				
	Width	Length	Height	
	[mm]			
	33	**157.4**	**30**	
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24	**500**	**0.14 - 2.5**	**-**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	17.5 / -	-	-	-
Cross section range	AWG	26 - 14	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	-	-

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Marshalling patchboard, 54-pos., chambers: gray/white	gray	**PTMC 1,5/54**	3270391	15

Accessories

Cover flange, for direct mounting above	gray	**DF-PTMC-O**	3270400	10
Cover flange, for direct mounting below	gray	**DF-PTMC-U**	3270401	10
Adapter, for mounting on a DIN rail	gray	**DF-PTMC-NS**	3270403	10
Marker adapter, for direct mounting above and to hold marking	gray	**DF-PTMC-ZB**	3270410	10

Marking	**UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)**

1.5 mm² PT Push-in connection terminal blocks

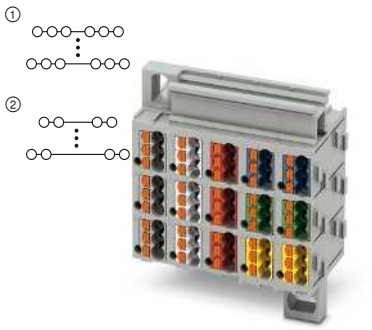
Marshalling patchboards for free assembly

- The marshalling patchboards can be easily configured and ordered with just a click of the mouse in the product area on our website at phoenixcontact.net/products
- To order via fax or e-mail, please use the ordering data as shown in the ordering example on the following page

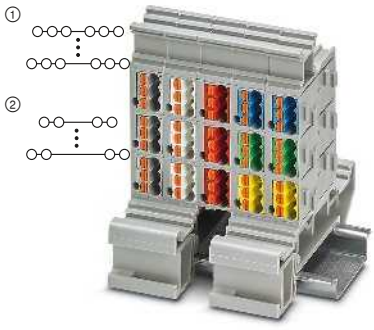
Notes:

1) For additional accessories and technical data, see page 36.

2) Derating curve available on request.



22 A, direct mounting



22 A, DIN rail mounting

		Technical data[1]			
Dimensions		Width	Length	Height	
	[mm]	-	30	16.6	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		22[2]	500	0.14 - 2.5	-
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	10[2] / 1.5	- / -	- / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	0.34 - 1.5	0.34 - 1.5	0.34 - 1.5

		Technical data[1]			
		Width	Length	Height	
		-	63	26.2 (NS 35/7,5)	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		22[2]	500	0.14 - 2.5	-
		IEC	UL / CUL	CSA	Ex
		500	-	-	-
		10[2] / 1.5	- / -	- / -	- / -
		solid	stranded	Ferrule without/with plastic sleeve	
		0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
		0.34 - 2.5	0.34 - 1.5	0.34 - 1.5	0.34 - 1.5

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
Marshalling patchboard, 3 connections, 1-row	gray	PTMC 1,5 /1-3 -DF	①	3001929	1
2-row	gray	PTMC 1,5 /2-3 -DF	①	3001930	1
3-row	gray	PTMC 1,5 /3-3 -DF	①	3001931	1
4-row	gray	PTMC 1,5 /4-3 -DF	①	3001932	1
5-row	gray	PTMC 1,5 /5-3 -DF	①	3001933	1
6-row	gray	PTMC 1,5 /6-3 -DF	①	3001934	1
7-row	gray	PTMC 1,5 /7-3 -DF	①	3001935	1
8-row	gray	PTMC 1,5 /8-3 -DF	①	3001936	1
Marshalling patchboard, 2 connections, 1-row	gray	PTMC 1,5 /1-2 -DF	②	3001937	1
2-row	gray	PTMC 1,5 /2-2 -DF	②	3001940	1
3-row	gray	PTMC 1,5 /3-2 -DF	②	3001942	1
4-row	gray	PTMC 1,5 /4-2 -DF	②	3001943	1
5-row	gray	PTMC 1,5 /5-2 -DF	②	3001944	1
6-row	gray	PTMC 1,5 /6-2 -DF	②	3001945	1
7-row	gray	PTMC 1,5 /7-2 -DF	②	3001946	1
8-row	gray	PTMC 1,5 /8-2 -DF	②	3001947	1
Marshalling patchboard, without actuation lever, 3 connections, 1-row	gray	FTMC 1,5 /1-3 -DF	①	3001975	1
2-row	gray	FTMC 1,5 /2-3 -DF	①	3001976	1
3-row	gray	FTMC 1,5 /3-3 -DF	①	3001977	1
4-row	gray	FTMC 1,5 /4-3 -DF	①	3001978	1
5-row	gray	FTMC 1,5 /5-3 -DF	①	3001979	1
6-row	gray	FTMC 1,5 /6-3 -DF	①	3001980	1
7-row	gray	FTMC 1,5 /7-3 -DF	①	3001981	1
8-row	gray	FTMC 1,5 /8-3 -DF	①	3001982	1
Marshalling patchboard, without actuation lever, 2 connections, 1-row	gray	FTMC 1,5 /1-2 -DF	②	3001984	1
2-row	gray	FTMC 1,5 /2-2 -DF	②	3001985	1
3-row	gray	FTMC 1,5 /3-2 -DF	②	3001986	1
4-row	gray	FTMC 1,5 /4-2 -DF	②	3001987	1
5-row	gray	FTMC 1,5 /5-2 -DF	②	3001988	1
6-row	gray	FTMC 1,5 /6-2 -DF	②	3001989	1
7-row	gray	FTMC 1,5 /7-2 -DF	②	3001990	1
8-row	gray	FTMC 1,5 /8-2 -DF	②	3001991	1

Ordering data Type		Order No.	Pcs./Pkt.
PTMC 1,5 /1-3 -NS	①	3001905	1
PTMC 1,5 /2-3 -NS	①	3001906	1
PTMC 1,5 /3-3 -NS	①	3001907	1
PTMC 1,5 /4-3 -NS	①	3001908	1
PTMC 1,5 /5-3 -NS	①	3001910	1
PTMC 1,5 /6-3 -NS	①	3001911	1
PTMC 1,5 /7-3 -NS	①	3001913	1
PTMC 1,5 /8-3 -NS	①	3001914	1
PTMC 1,5 /1-2 -NS	②	3001915	1
PTMC 1,5 /2-2 -NS	②	3001916	1
PTMC 1,5 /3-2 -NS	②	3001917	1
PTMC 1,5 /4-2 -NS	②	3001918	1
PTMC 1,5 /5-2 -NS	②	3001919	1
PTMC 1,5 /6-2 -NS	②	3001920	1
PTMC 1,5 /7-2 -NS	②	3001921	1
PTMC 1,5 /8-2 -NS	②	3001922	1
FTMC 1,5 /1-3-NS	①	3001957	1
FTMC 1,5 /2-3-NS	①	3001958	1
FTMC 1,5 /3-3-NS	①	3001959	1
FTMC 1,5 /4-3-NS	①	3001960	1
FTMC 1,5 /5-3-NS	①	3001961	1
FTMC 1,5 /6-3-NS	①	3001962	1
FTMC 1,5 /7-3-NS	①	3001963	1
FTMC 1,5 /8-3-NS	①	3001964	1
FTMC 1,5 /1-2-NS	②	3001965	1
FTMC 1,5 /2-2-NS	②	3001966	1
FTMC 1,5 /3-2-NS	②	3001968	1
FTMC 1,5 /4-2-NS	②	3001969	1
FTMC 1,5 /5-2-NS	②	3001971	1
FTMC 1,5 /6-2-NS	②	3001972	1
FTMC 1,5 /7-2-NS	②	3001973	1
FTMC 1,5 /8-2-NS	②	3001974	1

		Accessories[1]			
Cover flange, for direct mounting above	gray	DF-PTMC-O		3270400	10
Cover flange, for direct mounting below	gray	DF-PTMC-U		3270401	10
Adapter, for mounting on a DIN rail	gray	DF-PTMC-NS		3270403	10
Marker adapter, for direct mounting above and to hold marking	gray	DF-PTMC-ZB		3270410	10
Marker adapter, for holding the marking, width 12.2 mm	gray	DF-PTMC-3-ZB		3270405	10
Width 8.5 mm	gray	DF-PTMC-2-ZB		3270406	10
Marking		UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)			

Accessories[1]			
DF-PTMC-O		3270400	10
DF-PTMC-U		3270401	10
DF-PTMC-NS		3270403	10
DF-PTMC-ZB		3270410	10
DF-PTMC-3-ZB		3270405	10
DF-PTMC-2-ZB		3270406	10
UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)			

Ordering example: configurable marshalling patchboard

Ordering example:

A marshalling patchboard should be configured as follows:

Actuation lever, screw fixing of marshalling patchboard. three connections per individual element.
Four rows in the X direction and ten columns in the Y direction.

Please select Order No. 3001932 from the configurable items.
In the order designation, the 4 means -> four rows in the X direction
In the order designation, the 3 means -> three connections

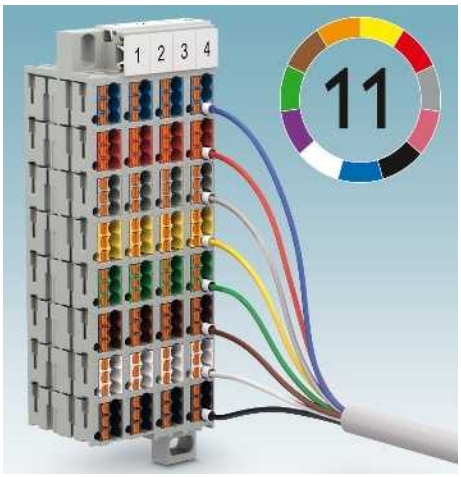
Row 1: blue
Row 2: red
Row 3: gray
Row 4: yellow

Only rows of the same color are viable in the X direction.
Please state the number of columns when ordering. A minimum of 2 columns and a maximum of 20 columns can be ordered.

Please order marker adapter, DF-PTMC-ZB Order No. 3270410, as an accessory.

Available colors:

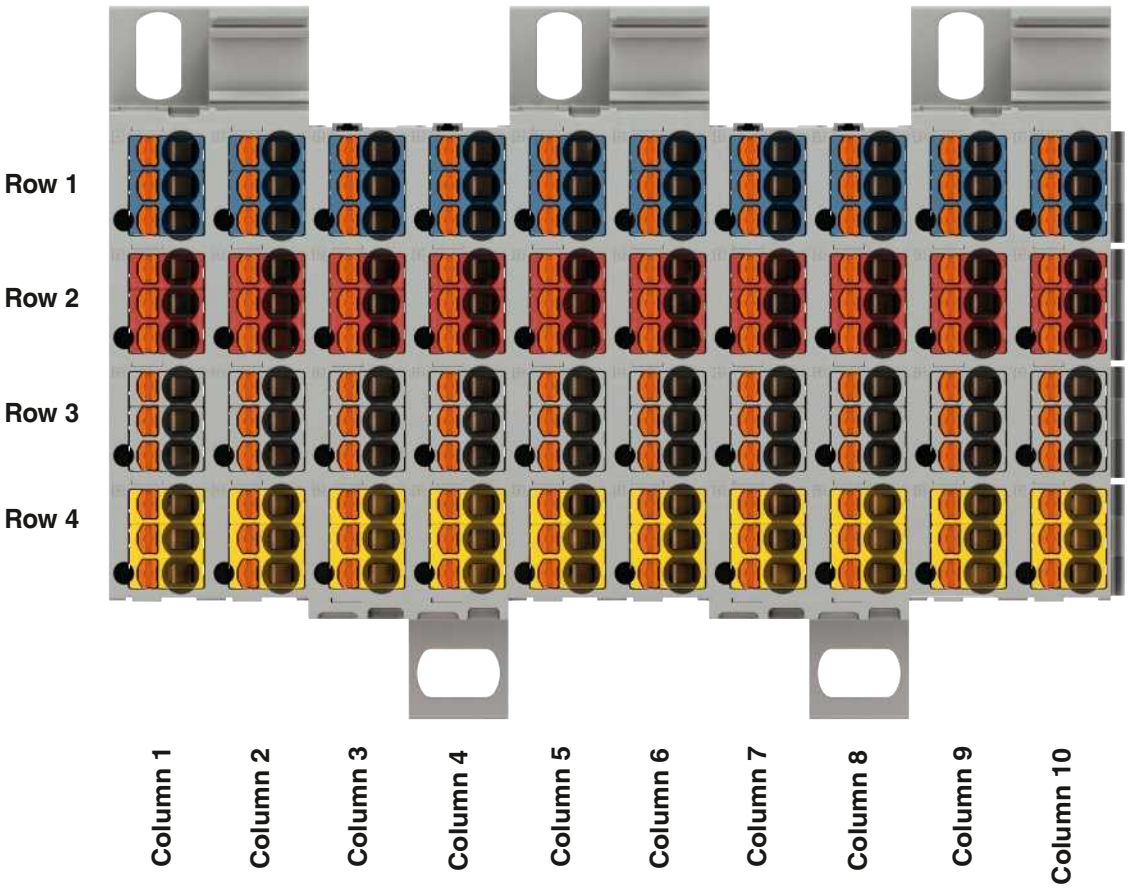
BU	Blue
RD	Red
GY	Gray
YE	Yellow
GN	Green
BN	Brown
WH	White
BK	Black
VT	Violet
OG	Orange
PK	Pink



The ordering data for this order example is therefore:

Order No.		Columns		Row 1		Row 2		Row 3		Row 4
3001932	/	10	/	BU	/	RD	/	GY	/	YE

Fixing material for panel or DIN rail mounting will be supplied in sufficient quantities.



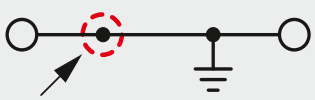
2.5 mm² PT Push-in connection terminal blocks

General technical data for 2.5 mm² PT Push-in connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5
Connection cross sections directly plugged in	[mm²]	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



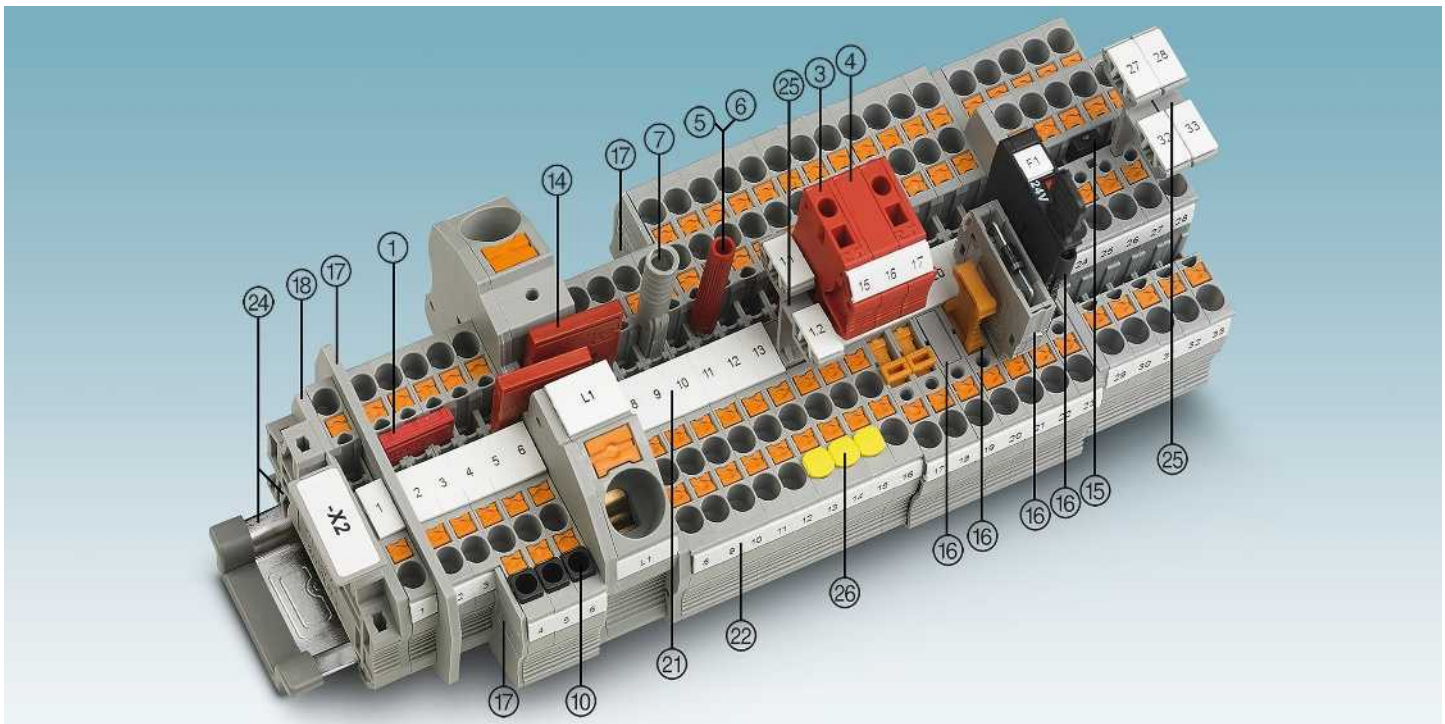
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50	**FBSR 2-5**	3033702	50
	3	red	**FBS 3-5**	3030174	50	**FBSR 3-5**	3001591	50
	4	red	**FBS 4-5**	3030187	50	**FBSR 4-5**	3001592	50
	5	red	**FBS 5-5**	3030190	50	**FBSR 5-5**	3001593	50
	10	red	**FBS 10-5**	3030213	10	**FBSR 10-5**	3033710	10
	20	red	**FBS 20-5**	3030226	10			
③ **Modular test plug**		red	**PS-5**	3030983	10			
④ **Spacer plate**		red	**DP PS-5**	3036725	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve**		white	**ISH 2,5/0,2**	3002843	50			
0.25 - 0.5 mm²		gray	**ISH 2,5/0,5**	3002856	50			
0.75 - 1 mm²		black	**ISH 2,5/1,0**	3002869	50			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

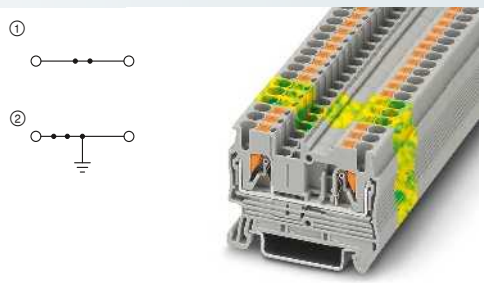
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS-PV ..., see page 398.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉕ **Marker carrier**	**For STP ..., see page 412.**
㉖ **Cover for conductor shaft**	**For CEC ..., see page 407.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 68.

For information on installation and using accessories for Ex applications, see page 644.



28 A, feed-through terminal block

Ex: EAC Ex

PTB 09ATEX1111U / IECEx PTB 10.0021U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	48.5	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		28	800	0.14 - 4 / 26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / - / 19 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 2,5**	①	3209510	50
	blue	**PT 2,5 BU**	①	3209523	50
Ground terminal	green-yellow	**PT 2,5-PE**	②	3209536	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50
Cover, width: 0.8 mm	orange			



28 A, feed-through terminal block, 3 connections

Ex: EAC Ex

PTB 09ATEX1111U / IECEx PTB 10.0021U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	60.5	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		28	800	0.14 - 4 / 26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / - / 19 / 2.5

Ordering data

Type		Order No.	Pcs./Pkt.
PT 2,5-TWIN	①	3209549	50
PT 2,5-TWIN BU	①	3209552	50
PT 2,5-TWIN-PE	②	3209565	50

Accessories[1])

D-ST 2,5-TWIN	3030488	50
D-ST 2,5-TWIN-0,8 OG	3030512	50

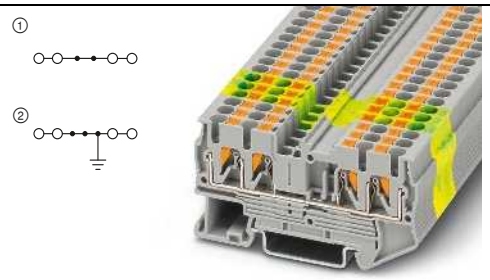
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 68.

[2]) The max. load current must not be exceeded by the total current of all connected conductors.

For information on installation and using accessories for Ex applications, see page 644.



28 A, feed-through terminal block, 4 connections

Ex: EAC Ex

PTB 09ATEX1111U / IECEx PTB 10.0021U

Technical data[1])

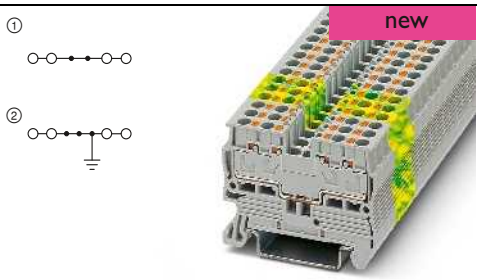
Dimensions					
	[mm]	Width	Length	Height	
		5.2	72.2	36.8 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28[2])	800	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	19 / 2.5
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
Connection cross sections directly plugged in	[mm²]	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 2,5-QUATTRO**	①	3209578	50
	blue	**PT 2,5-QUATTRO BU**	①	3209581	50
Ground terminal	green-yellow	**PT 2,5-QUATTRO-PE**	②	3209594	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO**	3030514	50
Cover, width: 0.8 mm	orange	**D-ST 2,5-QUATTRO-0,8 OG**	3030513	50



24 A, feed-through terminal block, 4 connections

Technical data[1])

Dimensions					
	[mm]	Width	Length	Height	
		5.2	48.6	36.7 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	500	0.14 - 2.5	28-12
Maximum bridge current	[A]	22 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	-	-
Nominal current / cross section	[A] / [mm²]	17.5 / 2.5	20 / -	- / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
Connection cross sections directly plugged in	[mm²]	0.34 - 2.5	-	0.34 - 1.5	0.34 - 1.5

Ordering data

Type		Order No.	Pcs./Pkt.
PT 2,5/S-QUATTRO	①	3211019	50
PT 2,5/S-QUATTRO BU	①	3211022	50
PT 2,5/S-QUATTRO-PE	②	3211025	50

Accessories[1])

D-ST 2,5	3030417	50

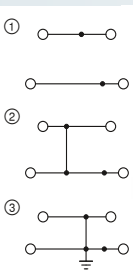
2.5 mm² PT Push-in connection terminal blocks

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 68.

For information on installation and using accessories for Ex applications, see page 644.





26 A, double-level terminal block, 4 connections

Ex: EAC Ex

PTB 09ATEX1111U / IECEx PTB 10.0021U

Technical data[1])

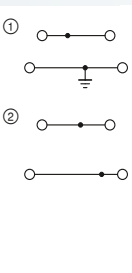
Dimensions		Width	Length	Height	
	[mm]	5.2	68	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		26	500	0.14 - 4	26-12
Maximum bridge current	[A]	22 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	440
Nominal current / cross section	[A] / [mm²]	22 / 2.5	20 / -	20 / -	18 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTB 2,5**	①	3210567	50
	blue	**PTTB 2,5 BU**	①	3210570	50
With potential distribution	gray	**PTTB 2,5-PV**	②	3210583	50
	gray				
upper level blue	gray				
upper level blue	gray				
Ground terminal	green-yellow	**PTTB 2,5-PE**	③	3210596	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTTB 2,5**	3211634	50





30 A, double-level terminal block with PE foot

Technical data[1])

Width	Length	Height		
5.2	68	47.5 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
30	500	0.14 - 4	26-12	
20 (FBS) / 16 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
24 / 2.5	20 / -	20 / -	- / -	

Ordering data

Type		Order No.	Pcs./Pkt.
PTTB 2,5-PE/L	①	3210978	50
PTTB 2,5-PE/N	①	3210981	50
PTTB 2,5-L/N	②	3210994	50

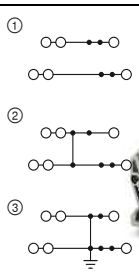
Accessories[1])

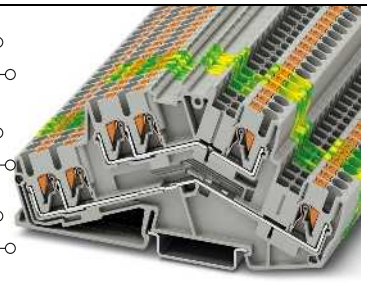
D-PTTB 2,5	3211634	50	

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 68.





24 A, double-level terminal block, 3 connections per level

Technical data[1])

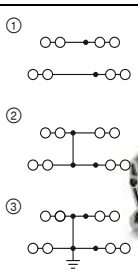
Dimensions		Width	Length	Height	
	[mm]	5.2	111.8	55 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	800	0.14 - 4	26-12
Maximum bridge current	[A]	20 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -

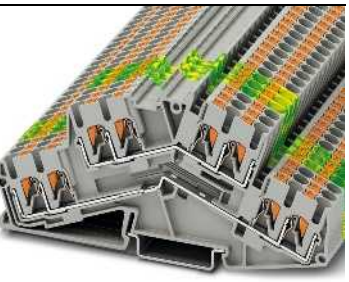
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTBS 2,5-TWIN**	①	3210600	50
	blue	**PTTBS 2,5-TWIN BU**	①	3210601	50
With potential distribution	gray	**PTTBS 2,5-TWIN-PV**	②	3210603	50
Ground terminal	green-yellow	**PTTBS 2,5-TWIN-PE**	③	3210602	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTTBS 2,5-TWIN**	3210608	50





24 A, double-level terminal block, 4 connections per level

Technical data[1])

Width	Length	Height		
5.2	115.2	55 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
24	800	0.14 - 4	26-12	
20 (FBS) / 16 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	300	-	
20 / 2.5	20 / -	20 / -	- / -	

Ordering data

Type		Order No.	Pcs./Pkt.
PTTBS 2,5-QUATTRO	①	3210609	50
PTTBS 2,5-QUATTRO BU	①	3210610	50
PTTBS 2,5-QUATTRO-PV	②	3210612	50
PTTBS 2,5-QUATTRO-PE	③	3210611	50

Accessories[1])

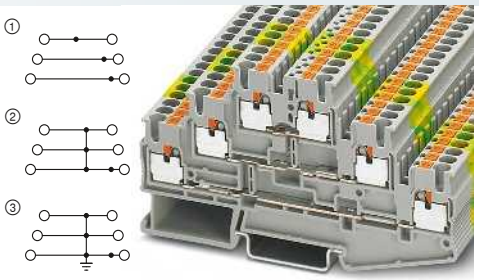
D-PTTBS 2,5-QUATTRO	3210613	50	

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

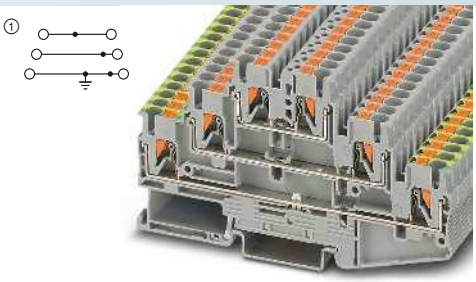
Notes:

[1]) For additional accessories and technical data, see page 68.

For information on installation and using accessories for Ex applications, see page 644.



24 A, multi-level terminal block



24 A, three-level terminal block with PE foot

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**102**	**58 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	20 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	600	440
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	17 / 2.5

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**102**	**58 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	20 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 2,5-3L**	①	3210499	50
	blue	**PT 2,5-3L BU**	①	3210509	50
With potential distribution	gray	**PT 2,5-3PV**	②	3210512	50
	gray/green-yellow				
	gray				
Ground terminal	green-yellow	**PT 2,5-3PE**	③	3210525	50

Ordering data

Type		Order No.	Pcs./Pkt.
PT 2,5-PE/L/L	①	3210541	50
PT 2,5-PE/L/N	①	3210538	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 2,5-3L**	3211647	50

Accessories[1])

D-PT 2,5-3L	3211647	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 68.



25 A, four-level terminal block with PE foot

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**99.5**	**92.6 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		25	**800**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	19 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 2,5-PE/3L**	①	3210542	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 2,5-PE/3L**	3210543	50

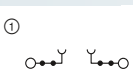
2.5 mm² PT Push-in connection terminal blocks

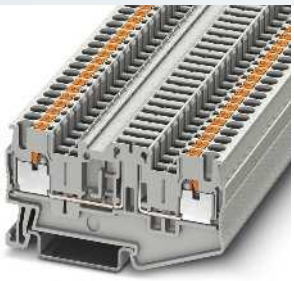
Disconnect terminal blocks

Notes:

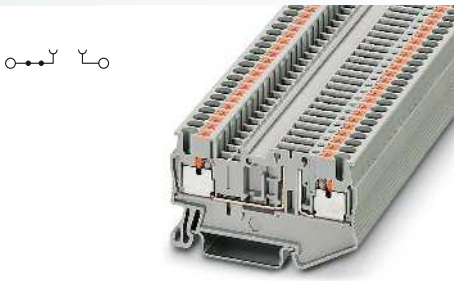
[1]) For additional accessories and technical data, see page 68.

[2]) Current and voltage are determined by the connector used.





16 A, disconnect terminal block, with 4 function shafts



20 A, disconnect terminal block, with 2 function shafts

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**70.1**	**36.8 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	16	**400[2])**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	16 (FBS) / 16 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400[2])	600	600	-
Nominal current / cross section [A] / [mm²]	16 / 2.5	16 / -	20 / -	- / -

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**62**	**36.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20	**400[2])**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400[2])	300	300	-
Nominal current / cross section [A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PT 2,5-TGB** ①	3210192	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 2,5-MTB**	3210196	50

Ordering data

Type	Order No.	Pcs./Pkt.
PT 2,5-TG ①	3210185	50

Accessories[1])

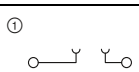
D-PT 2,5-MT	3211003	50

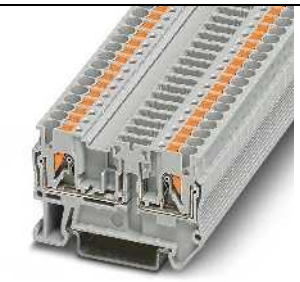
Disconnect terminal blocks

Notes:

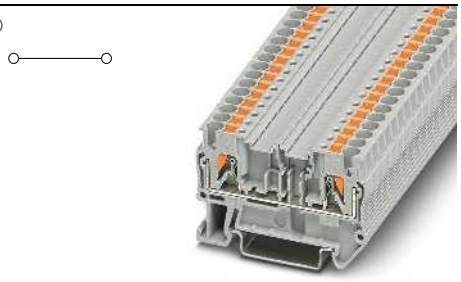
[1]) For additional accessories and technical data, see page 68.

[2]) Current and voltage are determined by the connector used.





20 A, disconnect terminal block



28 A, feed-through terminal block, same shape

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**56**	**36.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20	**400[2])**	**0.14 - 4**	**24-12**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400[2])	300	-	-
Nominal current / cross section [A] / [mm²]	20 / 2.5	10 / -	- / -	- / -

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**56**	**36.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	28	**400**	**0.14 - 4**	**-**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400	-	-	-
Nominal current / cross section [A] / [mm²]	24 / 2.5	- / -	- / -	- / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PTC 2,5-TG** ①	3270088	50
Feed-through terminal block, same shape	gray blue			

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTC 2,5-MT**	3270097	50

Ordering data

Type	Order No.	Pcs./Pkt.
PTC 2,5-MTD ①	3270106	50
PTC 2,5-MTD BU ①	3270109	50

Accessories[1])

D-PTC 2,5-MT	3270097	50

Disconnect terminal blocks

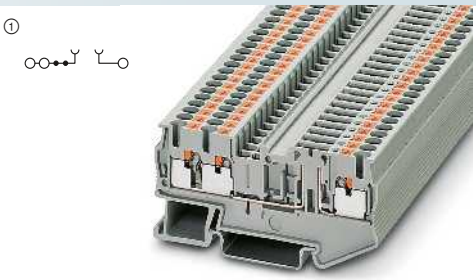
Notes:
1) For additional accessories and technical data, see page 68.
2) Current and voltage are determined by the connector used.

①



16 A, disconnect terminal block, 3 connections, 4 function shafts

①



20 A, disconnect terminal block, 3 connections, 2 function shafts

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**81.9**	**36.7 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	**400[2])**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	16 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2])	600	600	-
Nominal current / cross section	[A] / [mm²]	16 / 2.5	16 / -	16 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PT 2,5-TWIN-TGB**	①	3210193	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 2,5-TWIN-MTB**	3210202	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**74**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**400[2])**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2])	300	300	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PT 2,5-TWIN-TG	①	3210198	50

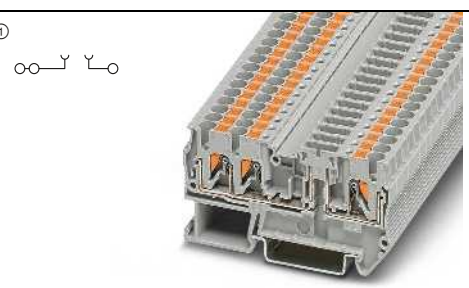
Accessories[1])

D-PT 2,5-TWIN-MT	3211317	50

Disconnect terminal blocks

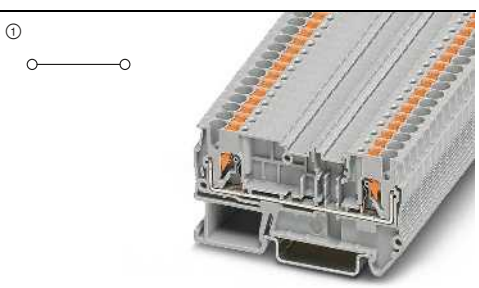
Notes:
1) For additional accessories and technical data, see page 68.
2) Current and voltage are determined by the connector used.

①



20 A, disconnect terminal block, 3 connections

①



28 A, feed-through terminal block, same shape

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**67.8**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**400[2])**	**0.14 - 4**	**24-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2])	300	-	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	10 / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PTC 2,5-TWIN-TG**	①	3270091	50
Feed-through terminal block, same shape	gray				
	blue				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTC 2,5-TWIN-MT**	3270100	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**67.8**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	**400**	**0.14 - 4**	**24-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	10 / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PTC 2,5-TWIN-MTD	①	3270110	50
PTC 2,5-TWIN-MTD BU	①	3270111	50

Accessories[1])

D-PTC 2,5-TWIN-MT	3270100	50

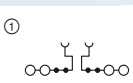
2.5 mm² PT Push-in connection terminal blocks

Disconnect terminal blocks

Notes:

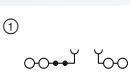
1) For additional accessories and technical data, see page 68.

2) Current and voltage are determined by the connector used.





16 A, disconnect terminal block, 4 connections, 4 function shafts





20 A, disconnect terminal block, 4 connections, 2 function shafts

		Technical data[1]			
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**92.2**	**36.7 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	**400[2]**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	16 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2]	600	600	-
Nominal current / cross section	[A] / [mm²]	16 / 2.5	16 / -	16 / -	- / -

		Technical data[1]			
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**84**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**400[2]**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2]	300	300	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -

Description	Color	Ordering data Type	Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PT 2,5-QUATTRO-TGB** ①	3210194	50
Cover, width: 2.2 mm	gray	**D-PT 2,5-QUATTRO-MTB**	3210209	50

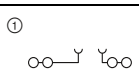
Accessories[1]		
D-ST 2,5-QUATTRO-MT	3038590	50

Disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 68.

2) Current and voltage are determined by the connector used.





20 A, disconnect terminal block, 4 connections

		Technical data[1]			
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**79.6**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**400[2]**	**0.14 - 4**	**24-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2]	300	-	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	10 / -	- / -	- / -

Description	Color	Ordering data Type	Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PTC 2,5-QUATTRO-TG** ①	3270094	50
Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO-MT**	3038590	50

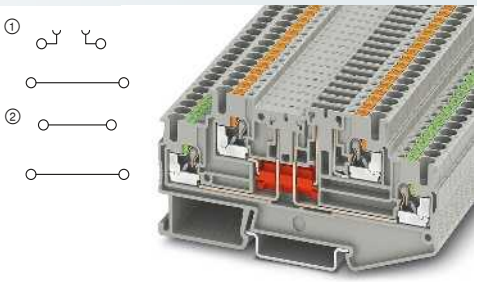
Accessories[1]		
D-ST 2,5-QUATTRO-MT	3038590	50

Disconnect terminal blocks

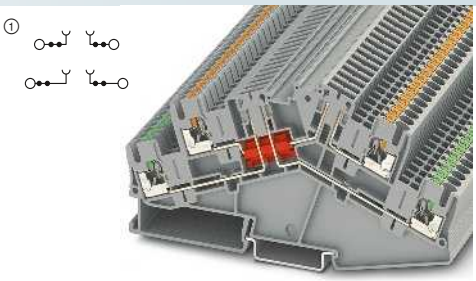
Notes:

1) For additional accessories and technical data, see page 68.

2) Current and voltage are determined by the connector used.



16 A, double-level terminal block, one disconnect zone



16 A, double-level terminal block, two disconnect zones

		Technical data[1]				Technical data[1]			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**5.2**	**92.4**	**47.4 (NS 35/7,5)**		**5.2**	**127.5**	**64.3 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16[2]	**400**	**0.14 - 4**	**26-12**	**16[2]**	**400[2]**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	-				16 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-	400[2])	300	300	-
Nominal current / cross section	[A] / [mm²]	16[2]) / 2.5	16 / -	16 / -	- / -	16[2]) / 2.5	16 / -	10 / -	- / -

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.	Ordering data Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PTT 2,5-L/TG**	①	3210230	50	**PTTBS 2,5-2TGB**	①	3210402	50
	blue	**PTT 2,5-L/TG BU**	①	3210270	50				
Feed-through terminal block, same shape	gray	**PTT 2,5-2L**	②	3210267	50				
	blue	**PTT 2,5-2L BU**	②	3210268	50				
		Accessories[1]				**Accessories[1]**			
Cover, width: 0.8 mm	gray	**D-PTT 2,5-2MT-0,8**		3210300	50	**D-PTTBS 2,5-2MTB**		3210404	50
	orange	**D-PTT 2,5-2MT-0,8 OG**		3210299	50				

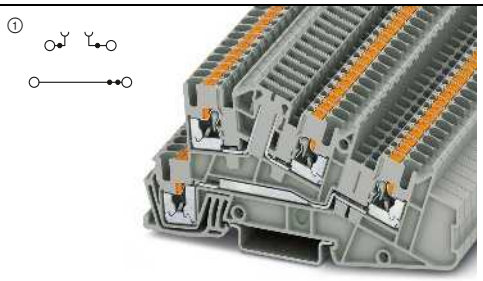
Disconnect terminal blocks

Notes:

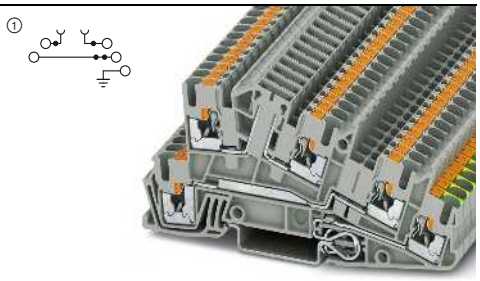
1) For additional accessories and technical data, see page 68.

2) Current and voltage are determined by the connector used.

3) 3-pos. termination block.



30 A, three-level terminal block, 1 x L outer conductor, 1 x disconnect zone



30 A, three-level terminal block, 1 x L outer conductor, 1 x PE, 1 x disconnect zone

		Technical data[1]				Technical data[1]			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**5.2**	**101**	**50.5 (NS 35/7,5)**		**5.2**	**101**	**50.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[3]	**400[2]**	**0.14 - 4**	**26-12**	**30[3]**	**400[2]**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)				24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2])	300	-	-	400[2])	300	-	-
Nominal current / cross section	[A] / [mm²]	24 / 4	20 / -	- / -	- / -	24 / 4	20 / -	- / -	- / -
Rated cross section	[mm²]	4				4			
Nominal current / cross section	[A] / [mm²]	16 / 1.5 (disconnect level)				16 / 1.5 (disconnect level)			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

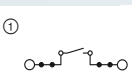
Description	Color	Ordering data Type		Order No.	Pcs./Pkt.	Ordering data Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTI 2,5-L/TG**	①	3213961	50	**PTI 2,5-PE/L/TG**	①	3213960	50
		Accessories[1]				**Accessories[1]**			
Cover, width: 2.2 mm	gray	**D-PTI/3B**		3213976	50	**D-PTI/3B**		3213976	50

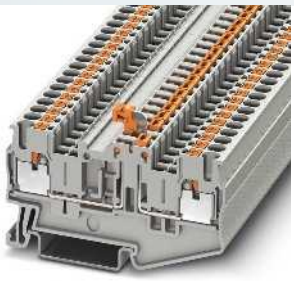
2.5 mm² PT Push-in connection terminal blocks

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 68.





16 A, knife disconnect terminal block, 4 function shafts

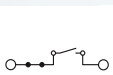
Technical data[1])			
Width	Length	Height	
5.2	**70.1**	**36.7 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	**400**	**0.14 - 4**	**26-12**
16 (FBS) / 16 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	600	600	-
16 / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PT 2,5-MTB	① **3210157**	50	
PT 2,5-MTB BU	① **3210163**	50	

Accessories[1])		
D-PT 2,5-MTB	**3210196**	50

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Knife disconnect terminal block	gray
	blue
Cover, width: 2.2 mm	gray





20 A, knife disconnect terminal block, 2 function shafts

Technical data[1])			
Width	Length	Height	
5.2	**62**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.14 - 4**	**26-12**
20 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	300	-
20 / 2.5	20 / -	20 / -	- / -

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PT 2,5-MT	① **3210156**	50	
PT 2,5-MT BU	① **3211650**	50	

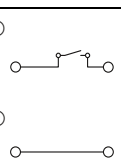
Accessories[1])		
D-PT 2,5-MT	**3211003**	50

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 68.

[2]) The max. load current must not be exceeded by the total current of all connected conductors.





20 A, knife disconnect terminal block

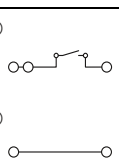
Technical data[1])			
Width	Length	Height	
5.2	**56**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.14 - 4**	**24-12**
IEC	UL / CUL	CSA	Ex
400	300	-	-
20 / 2.5	10 / -	- / -	- / -

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PTC 2,5-MT	① **3270079**	50	
PTC 2,5-MTD	② **3270106**	50	
PTC 2,5-MTD BU	② **3270109**	50	

Accessories[1])		
D-PTC 2,5-MT	**3270097**	50

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Description	Color
Knife disconnect terminal block	gray
Feed-through terminal block, same shape	gray
	blue
Cover, width: 2.2 mm	gray





20 A, knife disconnect terminal block, 3 connections

Technical data[1])			
Width	Length	Height	
5.2	**67.8**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20[2])	**400**	**0.14 - 4**	**24-12**
IEC	UL / CUL	CSA	Ex
400	300	-	-
20[2]) / 2.5	10 / -	- / -	- / -

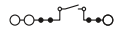
Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PTC 2,5-TWIN-MT	① **3270082**	50	
PTC 2,5-TWIN-MTD	② **3270110**	50	
PTC 2,5-TWIN-MTD BU	② **3270111**	50	

Accessories[1])		
D-PT 2,5-TWIN-MT	**3211317**	50

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 68.

① 



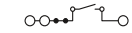
16 A, knife disconnect terminal block, 3 connections, 4 function shafts

Technical data[1])				
Dimensions	Width	Length	Height	
[mm]	**5.2**	**81.9**	**36.7 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	16	**400**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	16 (FBS) / 16 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400	600	600	-
Nominal current / cross section [A] / [mm²]	16 / 2.5	16 / -	16 / -	- / -

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PT 2,5-TWIN-MTB ①	3210170	50	
PT 2,5-TWIN-MTB BU ①	3210177	50	

Accessories[1])		
D-PT 2,5-TWIN-MTB	3210202	50

Description	Color
Knife disconnect terminal block	gray
	blue
Cover, width: 2.2 mm	gray

① 



20 A, knife disconnect terminal block, 3 connections, 2 function shafts

Technical data[1])				
Width	Length	Height		
5.2	**74**	**36.5 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
20	**400**	**0.14 - 4**	**26-12**	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
20 / 2.5	20 / -	20 / -	- / -	

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PT 2,5-TWIN-MT ①	3210169	50	
PT 2,5-TWIN-MT BU ①	3211663	50	

Accessories[1])		
D-PT 2,5-TWIN-MT	3211317	50

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 68.

① 



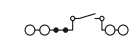
16 A, knife disconnect terminal block, 4 connections, 4 function shafts

Technical data[1])				
Dimensions	Width	Length	Height	
[mm]	**5.2**	**92.2**	**36.7 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	16	**400**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	20 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400	600	-	-
Nominal current / cross section [A] / [mm²]	16 / 2.5	16 / -	- / -	- / -

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PT 2,5-QUATTRO-MTB ①	3210184	50	
PT 2,5-QUATTRO-MTB BU ①	3210191	50	

Accessories[1])		
D-PT 2,5-QUATTRO-MTB	3210209	50

Description	Color
Knife disconnect terminal block	gray
	blue
Cover, width: 2.2 mm	gray

① 



20 A, knife disconnect terminal block, 4 connections, 2 function shafts

Technical data[1])				
Width	Length	Height		
5.2	**84**	**36.5 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
20	**400**	**0.14 - 4**	**26-12**	
20 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
20 / 2.5	20 / -	20 / -	- / -	

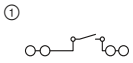
Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PT 2,5-QUATTRO-MT ①	3210172	50	
PT 2,5-QUATTRO-MT BU ①	3211676	50	

Accessories[1])		
D-ST 2,5-QUATTRO-MT	3038590	50

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 68.





20 A, knife disconnect terminal block, 4 connections

c UL us

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**79.6**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**400**	**0.14 - 4**	**24-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	10 / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	**PTC 2,5-QUATTRO-MT**	①	3270085	50

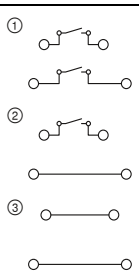
Accessories[1])

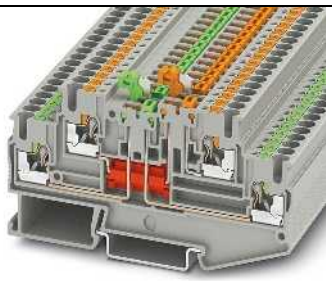
Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO-MT**	3038590	50

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 68.





16 A, double-level terminal block with one disconnect knife per level

c UL us EAC DNV GL Lloyd's Register

Technical data[1])

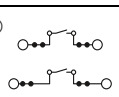
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**92.4**	**47.4 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	**400**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	16 / 2.5	16 / -	16 / -	- / -

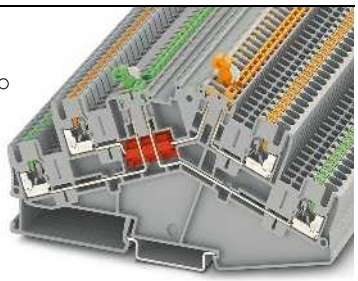
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	**PTT 2,5-2MT**	①	3210258	50
	blue	**PTT 2,5-2MT BU**	①	3210265	50
Disconnection only in the upper level	gray	**PTT 2,5-L/MT**	②	3210251	50
	blue	**PTT 2,5-L/MT BU**	②	3210257	50
Feed-through terminal block, same shape	gray	**PTT 2,5-2L**	③	3210267	50
	blue	**PTT 2,5-2L BU**	③	3210268	50

Accessories[1])

Cover, 0.8 mm width	gray	**D-PTT 2,5-2MT-0,8**	3210300	50
	orange	**D-PTT 2,5-2MT-0,8 OG**	3210299	50





16 A, double-level terminal block with one disconnect knife per level, desk design

c UL us DNV GL Lloyd's Register

Technical data[1])

Width	Length	Height	
5.2	**127.5**	**64.3 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	**400**	**0.14 - 4**	**26-12**
16 (FBS) / 16 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	300	-
16 / 2.5	16 / -	10 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PTTBS 2,5-2MTB	①	3210400	50
PTTBS 2,5-2MTB BU	①	3210401	50

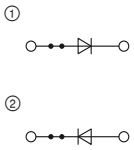
Accessories[1])

D-PTTBS 2,5-2MTB	3210404	50

Diode terminal blocks

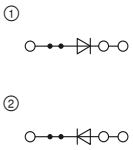
Notes:

[1]) For additional accessories and technical data, see page 68.





0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A)





0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A), 3 connections

Dimensions		Technical data[1])			
		Width	Length	Height	
	[mm]	**5.2**	**48.5**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		0.5	**800**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	300	300	-
Nominal current / cross section	[A] / [mm²]	0.5 / 1	20 / -	0.5 / -	- / -

Description	Color	Ordering data			
		Type		**Order No.**	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**PT 2,5-DIO/L-R**	①	3210224	50
	gray	**PT 2,5-DIO/R-L**	②	3210237	50

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50

Technical data[1])			
Width	Length	Height	
5.2	**60.5**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
0.5	**800**	**0.14 - 4**	**26-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	300	300	-
0.5 / 1	20 / -	0.5 / -	- / -

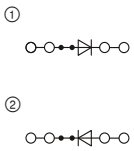
Ordering data			
Type		**Order No.**	Pcs./Pkt.
PT 2,5-TWIN-DIO/L-R	①	3210240	50
PT 2,5-TWIN-DIO/R-L	②	3210253	50

Accessories[1])		
D-ST 2,5-TWIN	3030488	50

Diode terminal blocks

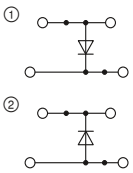
Notes:

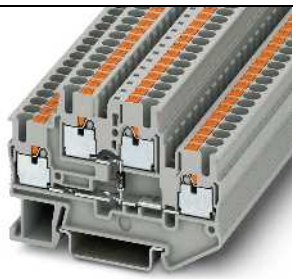
[1]) For additional accessories and technical data, see page 68.





0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A), 4 connections





0.5 A, diode double-level terminal block, 1N 4007 (1300 V/0.5 A)

Dimensions		Technical data[1])			
		Width	Length	Height	
	[mm]	**5.2**	**72**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		0.5	**800**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	300	300	-
Nominal current / cross section	[A] / [mm²]	0.5 / 1	20 / -	0.5 / -	- / -

Description	Color	Ordering data			
		Type		**Order No.**	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**PT 2,5-QUATTRO-DIO/L-R**	①	3210266	50
	gray	**PT 2,5-QUATTRO-DIO/R-L**	②	3210279	50
	gray				

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO**	3030514	50

Technical data[1])			
Width	Length	Height	
5.2	**68**	**47.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
0.5	**500**	**0.14 - 4**	**26-12**
16 (FBS) / 16 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	300	-
0.5 / 2.5	20 / -	0.5 / -	- / -

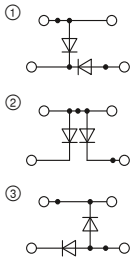
Ordering data			
Type		**Order No.**	Pcs./Pkt.
PTTB 2,5-DIO/O-U	①	3210923	50
PTTB 2,5-DIO/U-O	②	3210936	50
PTTB 2,5-DIO/UL-UR	③	3211427	50

Accessories[1])		
D-PTTB 2,5	3211634	50

Diode and component terminal blocks

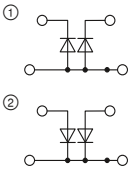
Notes:

[1]) For additional accessories and technical data, see page 68.





0.5 A, diode double-level terminal block, 1N 4007 (1300 V/0.5 A)





0.5 A, diode double-level terminal block, 1N 4007 (1300 V/0.5 A)

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	68	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		0.5	500	0.14 - 4	26-12
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	-
Nominal current / cross section	[A] / [mm²]	0.5 / 2.5	20 / -	0.5 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	PTTB 2,5-2DIO/O-UL/UR-UL	①	3211430	50
	gray	PTTB 2,5-2DIO/O-UL/O-UR	②	3211443	50
	gray	PTTB 2,5-2DIO/UR-O/UR-UL	③	3211433	50
	gray				
	gray				

Accessories[1])

Cover, width: 2.2 mm	gray	D-PTTB 2,5	3211634	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	68	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		0.5	500	0.14 - 4	26-12
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	-	-
Nominal current / cross section	[A] / [mm²]	0.5 / 2.5	20 / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PTTB 2,5-2DIO/U-OL/U-OR	①	3211445	50
PTTB 2,5-2DIO/OL-U/OR-U	②	3211447	50

Accessories[1])

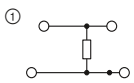
D-PTTB 2,5	3211634	50	

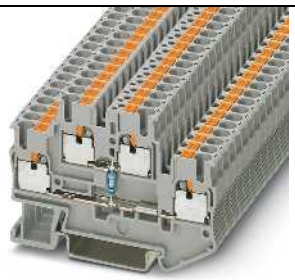
Double-level terminal blocks with resistor or LED display

Notes:

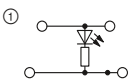
[1]) For additional accessories and technical data, see page 68.

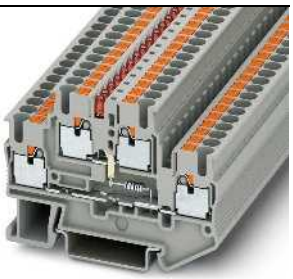
[2]) The operating voltage is determined by the LED version.





20 A, double-level terminal block with resistor





24 A, double-level terminal block with LED display

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	68	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	500	0.14 - 4	-
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	- / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, with built-in resistor, 499 ohms, 0.4 W power dissipation	gray	PTTB 2,5-R499/O-U	①	3210925	50
Terminal block, with LED for 12–30 V DC, 0.7–2.4 mA	gray				
for 30-60 V DC, 0.8-1.8 mA	gray				
for 110 – 250 V AC/DC, 0.1 – 0.5 mA	gray				

Accessories[1])

Cover, width: 2.2 mm	gray	D-PTTB 2,5	3211634	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	68	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	500[2])	0.14 - 4	24-12
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[2])	300	30	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -

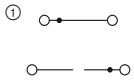
Ordering data

Type		Order No.	Pcs./Pkt.
PTTB 2,5-LA 24 RD	①	3211456	50
PTTB 2,5-LA 60 RD	①	3211469	50
PTTB 2,5-LA 230	①	3211472	50

Accessories[1])

D-PTTB 2,5	3211634	50

Component terminal blocks for self-soldering-in of components





Notes:

[1]) For additional accessories and technical data, see page 68.

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**68**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		26	**500**	**0.14 - 4**	**-**
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	22 / 2.5	- / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, component can be soldered in	gray	**PTTB 2,5-2BE**	1	3211480	50

Accessories[1])

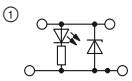
Cover, width: 2.2 mm	gray	**D-PTTB 2,5**	3211634	50

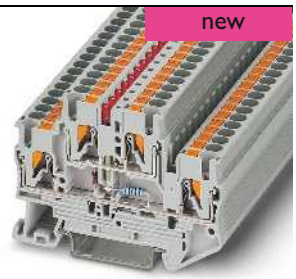
Double-level current indicator terminal

- Clearly indicates the operating status of a circuit
- Faults and line interruptions are reliably displayed as the current is monitored
- The voltage drop via the Zener diode in the blocking direction (2.4 V) powers the LED
- Compatible with DC and AC current

Notes:

[1]) For additional accessories and technical data, see page 68.





Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**68**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		0.1	**500**	**0.14 - 4**	**-**
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	0.1 / 2.5	- / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTB 2,5-ILA 100**	1	3215042	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTTB 2,5**	3211634	50

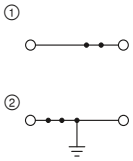
2.5 mm² PT Push-in connection terminal blocks

Hybrid terminal blocks with screw connection on one side, 2.5 (4) mm²

Notes:

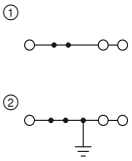
[1]) For additional accessories and technical data, see page 68.

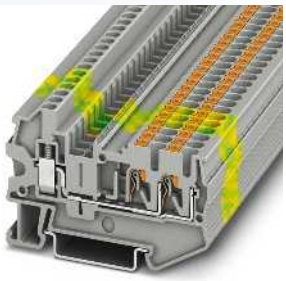
[2]) For screw connection rated data, see page 218.





24 A, feed-through terminal block





24 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	53.5	42.8 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	800	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data[2])		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	- / -	- / -

Technical data[1])

		Width	Length	Height	
	[mm]	5.2	65.3	42.8 (NS 35/7,5)	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	800	0.14 - 4	-
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	600 600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	- / -	20 20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTU 2,5**	①	3209519	50
	blue	**PTU 2,5 BU**	①	3209520	50
Ground terminal	green-yellow	**PTU 2,5-PE**	②	3209521	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTU 2,5**	3209522	50

Ordering data

Type		Order No.	Pcs./Pkt.
PTU 2,5-TWIN	①	3209515	50
PTU 2,5-TWIN BU	①	3209516	50
PTU 2,5-TWIN-PE	②	3209517	50

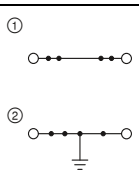
Accessories[1])

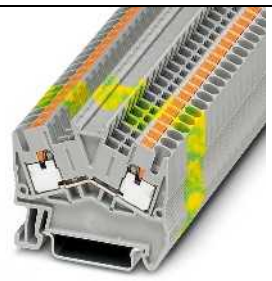
D-STU 2,5-TWIN	3033045	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals in desk design

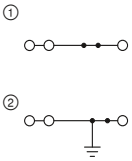
Notes:

[1]) For additional accessories and technical data, see page 68.





30 A, feed-through terminal block





28 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	49	43 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	800	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -

Technical data[1])

		Width	Length	Height	
	[mm]	5.2	49	43 (NS 35/7,5)	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	800	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTS 2,5**	①	3211799	50
	blue	**PTS 2,5 BU**	①	3211812	50
Ground terminal	green-yellow	**PTS 2,5-PE**	②	3211867	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STS 2,5**	3031762	50

Ordering data

Type		Order No.	Pcs./Pkt.
PTS 2,5-TWIN	①	3211896	50
PTS 2,5-TWIN BU	①	3211906	50
PTS 2,5-TWIN-PE	②	3211935	50

Accessories[1])

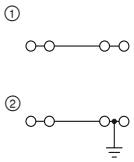
D-STS 2,5	3031762	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals in desk design

Notes:

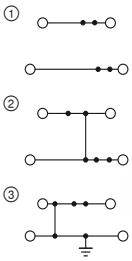
1) For additional accessories and technical data, see page 68.

For information on installation and using accessories for Ex applications, see page 644.





28 A, feed-through terminal block, 4 connections





24 A, double-level terminal block

Ex: SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	49	43 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	800	0.14 - 4	26-12
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -

Technical data[1])

		Width	Length	Height
		5.2	78	55 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	500	0.14 - 4	24-12
		20 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
		500	300	600	440
		22 / 2.5	20 / -	20 / -	19

Ordering data

Description	Color
Terminal block	gray
	blue
With potential distribution	gray
Ground terminal	green-yellow

Type		Order No.	Pcs./Pkt.
PTS 2,5-QUATTRO	①	3211993	50
PTS 2,5-QUATTRO BU	①	3212002	50
PTS 2,5-QUATTRO-PE	②	3212011	50

Ordering data

Type		Order No.	Pcs./Pkt.
PTTBS 2,5	①	3209604	50
PTTBS 2,5 BU	①	3209617	50
PTTBS 2,5-PV	②	3210211	50
PTTBS 2,5-PE	③	3209620	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STS 2,5**	3031762	50

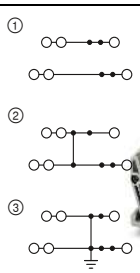
Accessories[1])

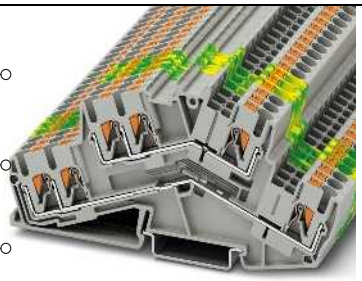
D-STTBS 2,5	3038503	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals in desk design

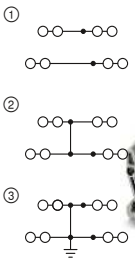
Notes:

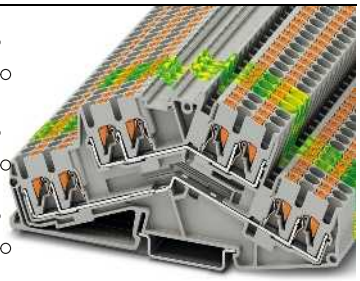
1) For additional accessories and technical data, see page 68.





24 A, double-level terminal block, 3 connections per level





24 A, double-level terminal block, 4 connections per level

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	111.8	55 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	800	0.14 - 4	26-12
Maximum bridge current	[A]	20 (FBS) / 16 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -

Technical data[1])

		Width	Length	Height
		5.2	115.2	55 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	800	0.14 - 4	26-12
		20 (FBS) / 16 (FBSR)			
		IEC	UL / CUL	CSA	Ex
		800	600	300	-
		20 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color
Terminal block	gray
	blue
With potential distribution	gray
Ground terminal	green-yellow

Type		Order No.	Pcs./Pkt.
PTTBS 2,5-TWIN	①	3210600	50
PTTBS 2,5-TWIN BU	①	3210601	50
PTTBS 2,5-TWIN-PV	②	3210603	50
PTTBS 2,5-TWIN-PE	③	3210602	50

Ordering data

Type		Order No.	Pcs./Pkt.
PTTBS 2,5-QUATTRO	①	3210609	50
PTTBS 2,5-QUATTRO BU	①	3210610	50
PTTBS 2,5-QUATTRO-PV	②	3210612	50
PTTBS 2,5-QUATTRO-PE	③	3210611	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTTBS 2,5-TWIN**	3210608	50

Accessories[1])

D-PTTBS 2,5-QUATTRO	3210613	50

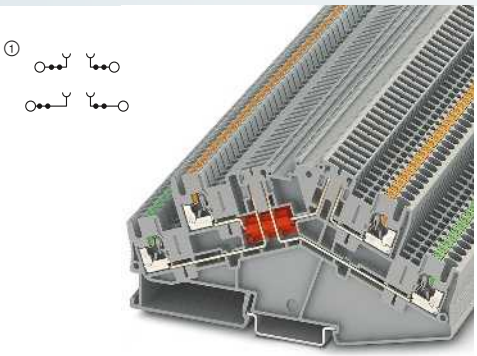
2.5 mm² PT Push-in connection terminal blocks

Disconnect and knife disconnect terminal blocks in desk design

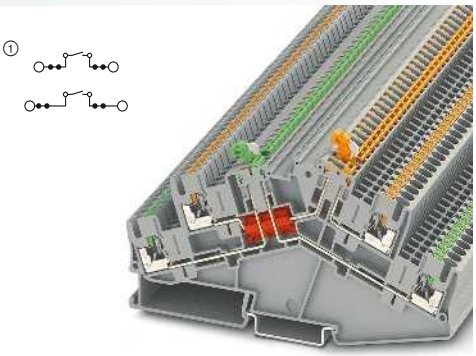
Notes:

[1]) For additional accessories and technical data, see page 68.

[2]) Current and voltage are determined by the connector used.



16 A, double-level terminal block, two disconnect zones



16 A, double-level terminal block with one disconnect knife per level, desk design

DNV GL

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**127.5**	**64.3 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		16[2])	**400[2])**	**0.14 - 4 / 26-12**
Maximum bridge current	[A]	16 (FBS) / 16 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400[2])	300	300 / -
Nominal current / cross section	[A] / [mm²]	16[2]) / 2.5	16 / -	10 / - / - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PTTBS 2,5-2TGB** ①	3210402	50
	blue			

Accessories[1])

Cover, width: 0.8 mm	gray	**D-PTTBS 2,5-2MTB**	3210404	50

DNV GL

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**127.5**	**64.3 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		16	**400**	**0.14 - 4 / 26-12**
Maximum bridge current	[A]	16 (FBS) / 16 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	300	300 / -
Nominal current / cross section	[A] / [mm²]	16 / 2.5	16 / -	10 / - / - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PTTBS 2,5-2MTB** ①	3210400	50
	blue	**PTTBS 2,5-2MTB BU** ①	3210401	50

Accessories[1])

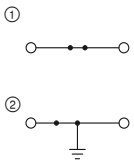
Cover, width: 0.8 mm	gray	**D-PTTBS 2,5-2MTB**	3210404	50

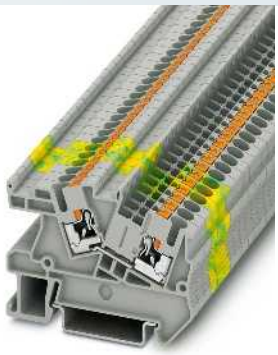
Installation terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 68.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products





24 A, feed-through terminal block





24 A, neutral disconnect terminal block

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Connection capacity	
1 conductor	[mm²]

Technical data[1])

Width	Length	Height	
5.2	**59.5**	**44 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**800**	**0.14 - 4**	**26-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	-	-
24 / 4	20 / -	- / -	- / -
4			
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

Ordering data

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Neutral disconnect terminal block	blue

Type		Order No.	Pcs./Pkt.
PTI 2,5	①	3213968	50
PTI 2,5 BU	①	3213969	50
PTI 2,5-PE	②	3213962	50

Accessories[1])

Cover, width: 2.2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue

D-DTI 2,5	3034824	50
AB-PTI	3214006	50

Technical data[1])

Width	Length	Height	
5.2	**59**	**46.3 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**250**	**0.14 - 4**	**26-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
250	600	-	-
24 / 2.5	20 / -	- / -	- / -
4			
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

Ordering data

Type		Order No.	Pcs./Pkt.
PTN 2,5	①	3213963	50

Accessories[1])

D-PTN 2,5	3213977	50
AB-PTI	3214006	50

2.5 mm² PT Push-in connection terminal blocks

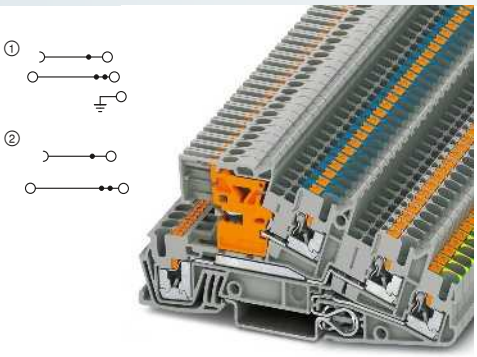
Installation terminal blocks

Notes:

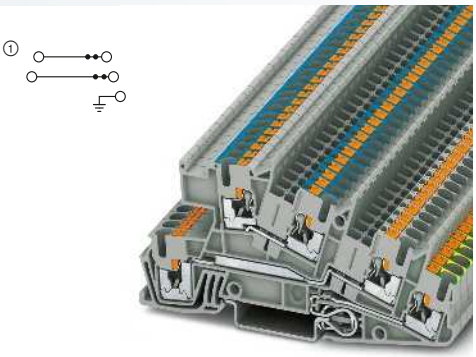
[1]) For additional accessories and technical data, see page 68.

[2]) 3-pos. termination block.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products



30 A, three-level terminal block, 1 x L outer conductor, 1 x N conductor can be disconnected, 1 x PE



30 A, three-level terminal block, 1 x L outer conductor, 1 x N conductor, 1 x PE

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**101**	**50.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2])	**400**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-	-
Nominal current / cross section	[A] / [mm²]	24 / 4	20 / -	- / -	- / -
Rated cross section	[mm²]	4			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

		Technical data[1])			
		Width	Length	Height	
		5.2	**101**	**50.5 (NS 35/7,5)**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2])	**400**	**0.14 - 4**	**26-12**
		24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
		400	300	-	-
		24 / 4	20 / -	- / -	- / -
		4			
		solid	stranded	Ferrule without/with plastic sleeve	
		0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5

Description	Color	Ordering data			
		Type		**Order No.**	Pcs./Pkt.
Terminal block, upper level blue	gray	**PTI 2,5-PE/L/NT**	①	3213946	50
	gray	**PTI 2,5-L/NT**	②	3213947	50
upper level gray	gray	**PTI 2,5-L/LT**	②	3213948	50
		Accessories[1])			
Cover, width: 2.2 mm	gray	**D-PTI/3**		3213975	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue	**AB-PTI/3**		3213974	50

Ordering data			
Type		**Order No.**	Pcs./Pkt.
PTI 2,5-PE/L/N	①	3213950	50
PTI 2,5-PE/L/L	①	3213949	50
Accessories[1])			
D-PTI/3		3213975	50
AB-PTI/3		3213974	50

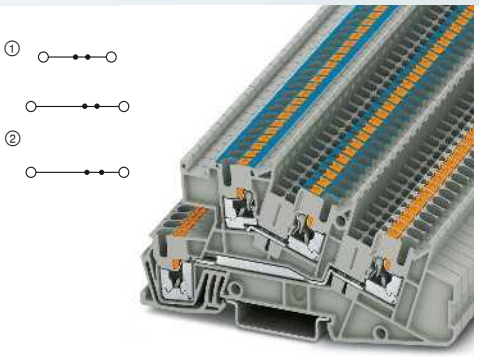
Installation terminal blocks

Notes:

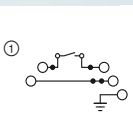
[1]) For additional accessories and technical data, see page 68.

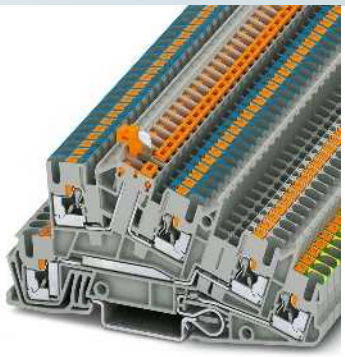
[2]) 3-pos. termination block.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products



30 A, three-level terminal block, 1 x L outer conductor, 1 x N conductor





30 A, three-level terminal block, 1 x L outer conductor, 1 x N conductor can be disconnected, 1 x PE

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**101**	**50.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30[2])	**400**	**0.14 - 4 / 26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	300	- / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	- / - / - / -
Nominal current / cross section	[A] / [mm²]	-		
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5 / 0.14 - 2.5

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**101**	**50.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30[2])	**400**	**0.14 - 4 / 26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	300	- / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	- / - / - / -
Nominal current / cross section	[A] / [mm²]	16 / 1.5 (disconnect level)		
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5 / 0.14 - 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, upper level blue	gray	**PTI 2,5-L/N**	①	3213954	50
	gray	**PTI 2,5-L/L**	①	3213953	50
	gray/blue	**PTI 2,5-N**	②	3213952	50
	gray	**PTI 2,5-L**	②	3213951	50

Ordering data

Type		Order No.	Pcs./Pkt.
PTI 2,5-PE/L/NTB	①	3213955	50
PTI 2,5-PE/L/LTB	①	3213957	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTI/3**	3213975	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue	**AB-PTI/3**	3213974	50

Accessories[1])

D-PTI/3B	3213976	50

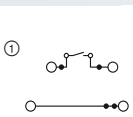
2.5 mm² PT Push-in connection terminal blocks

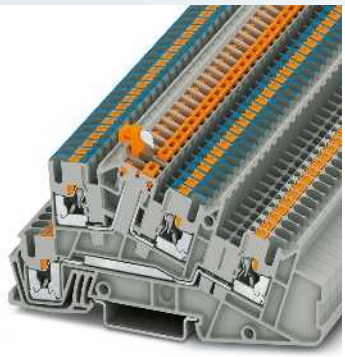
Installation terminal blocks

Notes:

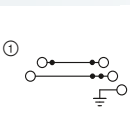
[1]) For additional accessories and technical data, see page 68.

[2]) 3-pos. termination block.





30 A, three-level terminal block, 1 x L outer conductor, 1 x N conductor can be disconnected





30 A, three-level terminal block, 2 x L outer conductor, 1 x PE

Technical data[1])				
Dimensions				
	[mm]	Width	Length	Height
		5.2	**101**	**50.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30[2])	**400**	**0.14 - 4** / **-**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	-	- / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	- / -	- / - / - / -
Nominal current / cross section	[A] / [mm²]	16 / 1.5 (disconnect level)		
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5 / 0.14 - 2.5

Ordering data				
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
Terminal block, upper level blue	gray	**PTI 2,5-L/NTB** ①	**3213956**	50
	gray	**PTI 2,5-L/LTB** ①	**3213958**	50

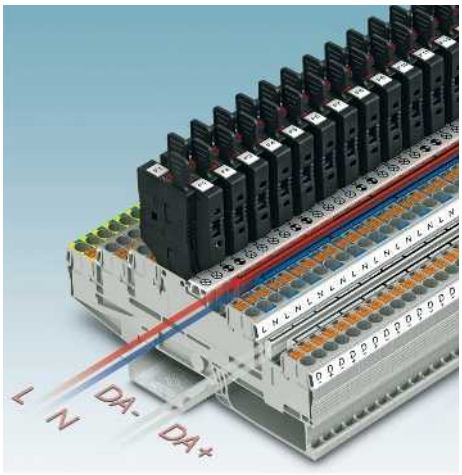
Accessories[1])				
		Type	**Order No.**	Pcs./Pkt.
Cover, width: 2.2 mm	gray	**D-PTI/3B**	**3213976**	50

Technical data[1])				
Dimensions				
	[mm]	Width	Length	Height
		5.2	**101**	**50.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30[2])	**400**	**0.14 - 4** / **26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	300	- / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	- / - / - / -
Nominal current / cross section	[A] / [mm²]	-		
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5 / 0.14 - 2.5

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
PTI 2,5-PE/L/LB ①	**3213959**	50	

Accessories[1])			
Type	**Order No.**	Pcs./Pkt.	
D-PTI/3B	**3213976**	50	

Installation terminal blocks



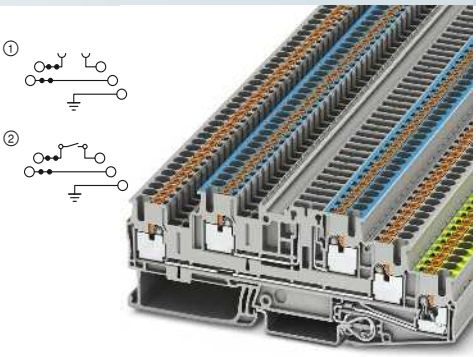
- The three-level installation terminal blocks have been specially developed for the building installation sector
- DALI-controlled emergency lighting systems can be conveniently fused and wired when space is at a premium
- Two function shafts can be used on each level on the inside of the control cabinet
- Quick and easy potential distribution, e.g., from the DALI bus system

Notes:

[1]) For additional accessories and technical data, see page 68.

[2]) Current and voltage are determined by the connector used.

[3]) 3-pos. termination block.



30 A, three-level terminal block, with disconnect zone and PE foot

EAC

Technical data[1])

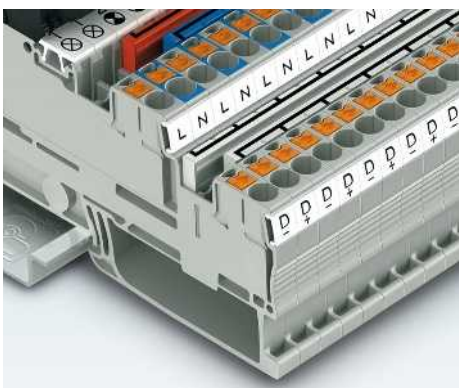
Dimensions				
	[mm]	Width	Length	Height
		5.2	**118**	**42.3 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30[3])	**400[2])**	**0.14 - 4** / **-**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400[2])	-	- / -
Nominal current / cross section	[A] / [mm²]	22 / 2.5	- / -	- / - / - / -
Nominal current / cross section	[A] / [mm²]	16 / 2.5 (disconnect level)		
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5 / 0.14 - 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTB 2,5-PE/L/NTG**	①	3210545	50
	gray	**PTB 2,5-PE/L/TG**	①	3210539	50
with disconnect knife	gray	**PTB 2,5-PE/L/MT**	②	3210549	50

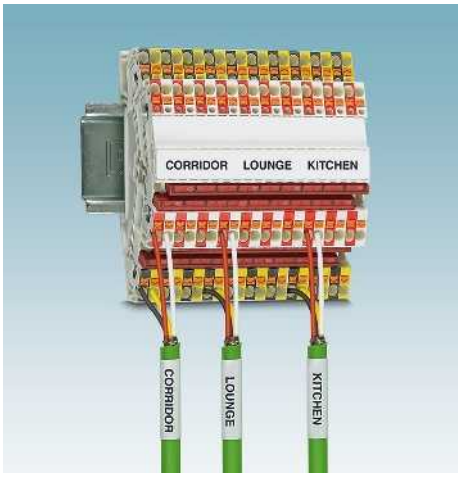
Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTB 2,5/3**	3210552	50



2.5 mm² PT Push-in connection terminal blocks

Installation terminal blocks

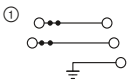


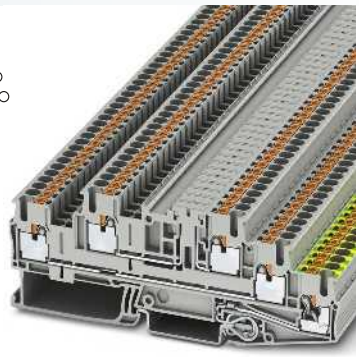
- The ...KNX terminal blocks (see page 38) make installation even easier
- Clear, color-coded assignment of the conductors and the terminal point marking
- Easy to use in sub-distribution units thanks to low height

Notes:

[1]) For additional accessories and technical data, see page 68.

[2]) 3-pos. termination block.





24 A, three-level terminal block, with PE foot

EAC

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**118**	**42.3 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] AWG (UL)
		24[2])	**400**	**0.14 - 4** **-**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA Ex
Rated voltage	[V]	400	-	- -
Nominal current / cross section	[A] / [mm²]	20 / 2.5	- / -	- / - - / -
Nominal current / cross section	[A] / [mm²]	16 / 2.5 (disconnect level)		
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5 0.14 - 2.5

Ordering data

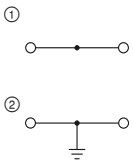
Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTB 2,5-PE/L/L**	1	3210547	50

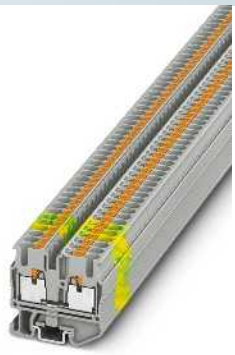
Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTB 2,5-PE/L/L**	3210553	50

Mini feed-through and ground terminal

Notes:
[1]) For additional accessories and technical data, see page 68.
For information on installation and using accessories for Ex applications, see page 644.





27 A, mini feed-through terminal block

Ex:
SEV14ATEX0140U / IECEx SEV14.0010U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**36**	**34.8 (NS 15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		27	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	440
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	20.5 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**MPT 2,5**	①	3248125	50
	blue	**MPT 2,5 BU**	①	3248126	50
Ground terminal	green-yellow	**MPT 2,5-PE**	②	3248130	50

Accessories[1])

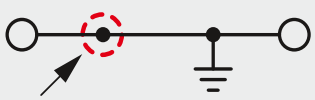
Cover, width: 2.2 mm	gray	**D-MPT 2,5**		3248140	50

4 mm² PT Push-in connection terminal blocks

General technical data for 4 mm² PT Push-in connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm²]	4			
Cross section range	AWG	24 - 10			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
Connection cross sections directly plugged in	[mm²]	0.5 - 6	-	0.5 - 4	0.5 - 4
General data					
Stripping length	[mm]	10 - 12			
Insulating material		PA			
Flammability rating according to UL 94		V0			
Note: Additional or deviating data is documented for the product.					

Notes:



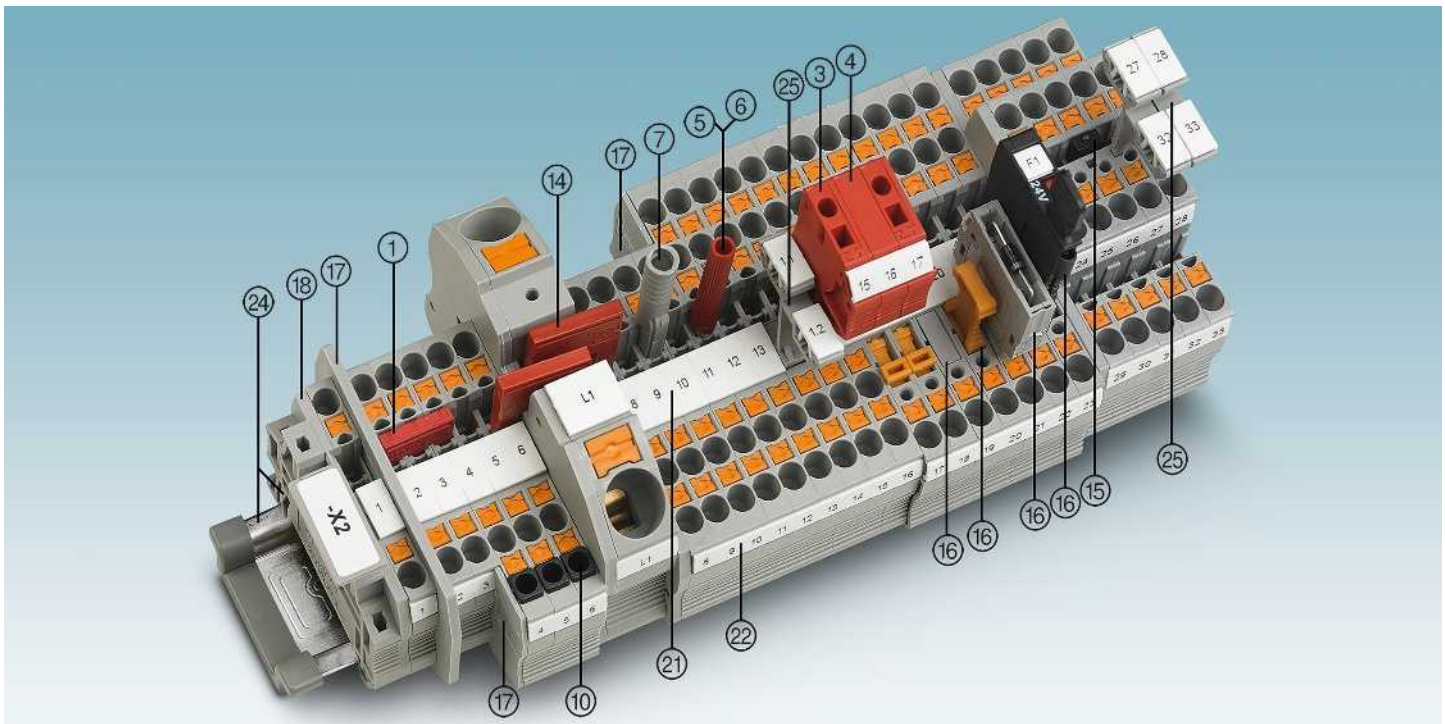
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 4 mm² PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-6**	3030336	50	**FBSR 2-6**	3033715	50
	3	red	**FBS 3-6**	3030242	50	**FBSR 3-6**	3001594	50
	4	red	**FBS 4-6**	3030255	50	**FBSR 4-6**	3001595	50
	5	red	**FBS 5-6**	3030349	50	**FBSR 5-6**	3001596	50
	10	red	**FBS 10-6**	3030271	10	**FBSR 10-6**	3033716	10
	20	red	**FBS 20-6**	3030365	10			
③ **Modular test plug**		red	**PS-6**	3030996	10			
④ **Spacer plate**		red	**DP PS-6**	3036738	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve,** 0.25 - 0.5 mm²		gray	**ISH 4/0,5**	3002885	50			
0.75 - 1 mm²		black	**ISH 4/1,0**	3002898	50			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

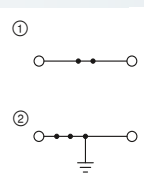
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS-PV ..., see page 398.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉕ **Marker carrier**	**For STP ..., see page 412.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 92.

For information on installation and using accessories for Ex applications, see page 644.





38 A, feed-through terminal block

Ex: EAC Ex

PTB 09ATEX1112U / IECEx PTB 10.0046U

Technical data[1])

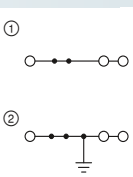
Dimensions				
	[mm]	Width	Length	Height
		6.2	56	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		38	800	0.2 - 6 / 24-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / - / 26 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 4**	①	3211757	50
	blue	**PT 4 BU**	①	3211760	50
Ground terminal	green-yellow	**PT 4-PE**	②	3211766	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 4**	3030420	50





36 A, feed-through terminal block, 3 connections

Ex: EAC Ex

PTB 09ATEX1112U / IECEx PTB 10.0046U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	66.5	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		36	800	0.2 - 6 / 24-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / - / 26 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 4-TWIN**	①	3211771	50
	blue	**PT 4-TWIN BU**	①	3211775	50
Ground terminal	green-yellow	**PT 4-TWIN-PE**	②	3211780	50

Accessories[1])

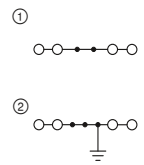
Cover, width: 2.2 mm	gray	**D-PT 4-TWIN**	3208977	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 92.

For information on installation and using accessories for Ex applications, see page 644.





38 A, feed-through terminal block, 4 connections

Ex: EAC Ex

PTB 09ATEX1112U / IECEx PTB 10.0046U

Technical data[1])

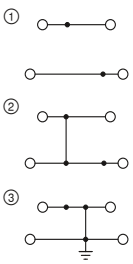
Dimensions				
	[mm]	Width	Length	Height
		6.2	77	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		38	800	0.2 - 6 / 24-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / - / 26 / 4

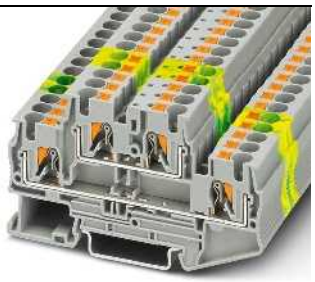
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 4-QUATTRO**	①	3211797	50
	blue	**PT 4-QUATTRO BU**	①	3211802	50
With potential distribution	gray				
Ground terminal	green-yellow	**PT 4-QUATTRO-PE**	②	3211809	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 4-QUATTRO**	3208979	50





32 A, double-level terminal block, 4 connections

Ex: EAC Ex

PTB 09ATEX1112U / IECEx PTB 10.0046U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	83.5	47.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32	500	0.2 - 6 / 24-10
Maximum bridge current	[A]	26 (FBS) / 20 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / 440
Nominal current / cross section	[A] / [mm²]	28 / 4	28 / -	30 / - / 23 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTB 4**	①	3211786	50
	blue	**PTTB 4 BU**	①	3211793	50
		PTTB 4-PV	②	3211825	50
Ground terminal	green-yellow	**PTTB 4-PE**	③	3211854	50

Accessories[1])

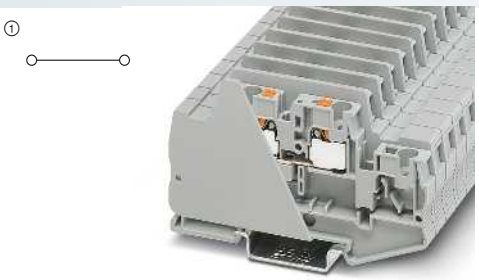
Cover, width: 2.2 mm	gray	**D-STTB 4**	3030462	50

4 mm² PT Push-in connection terminal blocks

Feed-through and multi-level terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 92.



38 A, 1000 V, feed-through terminal block, incl. cover



32 A, four-level terminal block with PE foot

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**8.2**	**83.5**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	**1000**	**0.2 - 6**	**24-10**
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	1000	1000	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / -	- / -

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTB 4-L 1000V**	[1]	3062744	50
Cover, width: 2.2 mm	gray				

Accessories[1])			

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**104.4**	**96.9 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**800**	**0.2 - 6**	**24-10**
Maximum bridge current	[A]	22 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	26 / 4	28 / -	- / -	- / -

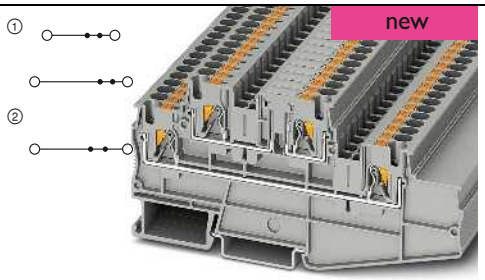
Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 4-PE/3L**	[1]	3210442	50
Cover, width: 2.2 mm	gray	**D-PT 4-PE/3L**		3210443	50

Multi-level terminal blocks

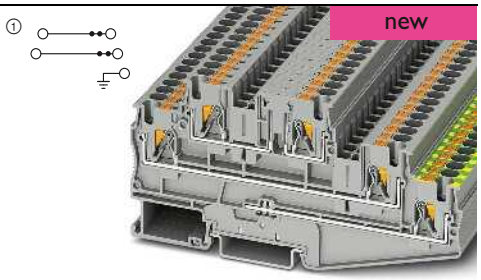
– Same shape as three-level fuse terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 92.



32 A, multi-level terminal block



32 A, multi-level terminal block with PE foot

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**118.5**	**56 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**500**	**0.2 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	- / -	- / -	- / -

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 4-L/L**	[1]	3002615	50
	gray	**PT 4-L**	[2]	3002616	50
upper level blue	gray				
Cover, width: 2.2 mm	gray	**D-PT 4-PE/L/HESI**		3002619	50

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**118.5**	**56 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**500**	**0.2 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	- / -	- / -	- / -

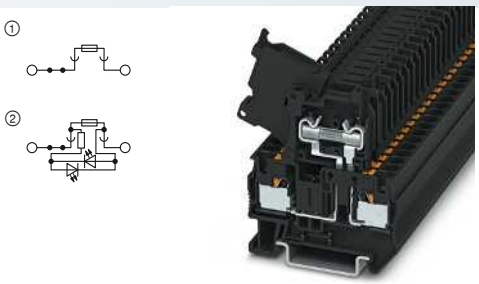
Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
		PT 4-PE/L/L	[1]	3002613	50
		PT 4-PE/L/N	[1]	3002614	50
		D-PT 4-PE/L/HESI		3002619	50

Fuse terminal blocks

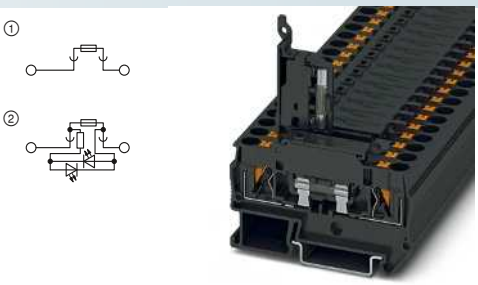
Notes:

1) For additional accessories and technical data, see page 92.

2) The current is determined by the fuse used, the voltage by the selected light indicator. Observe the maximum power dissipation, see phoenixcontact.net/products.



6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses, 2 function shafts



6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses

Technical data[1]					Technical data[1]			
Dimensions	Width	Length	Height		Width	Length	Height	
[mm]	**6.2**	**56**	**64.8 (NS 35/7,5)**		**8.2**	**67.8**	**42.8 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	6.3[2]	**500[2]**	**0.2 - 6**	**24-10**	**6.3[2]**	**500[2]**	**0.2 - 6**	**24-10**
Maximum bridge current [A]	32 (FBS) / 24 (FBSR)				-			
Rated data	IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500[2]	300	300	-	500[2]	300	-	-
Nominal current / cross section [A] / [mm²]	6.3 / 4	6.3 / -	6.3 / -	- / -	6.3 / 1	6.3 / -	- / -	- / -

Ordering data					Ordering data			
Description	Color	**Type**		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Fuse terminal block	black	**PT 4-HESI (5X20)**	①	3211861	50	**PTC 4-HESI (5X20)**	①	3270200	50
With LED for 12–30 V AC/DC, 0.31–0.95 mA	black	**PT 4-HESILED 24 (5X20)**	②	3211903	50	**PTC 4-HESILED 24 (5X20)**	②	3270203	50
for 30–60 V AC/DC, 0.40–0.86 mA	black	**PT 4-HESILED 60 (5X20)**	②	3207908	50	**PTC 4-HESILED 60 (5X20)**	②	3270205	50
110 – 250 V AC/DC, 0.41 – 0.96 mA	black	**PT 4-HESILA 250 (5X20)**	②	3211907	50	**PTC 4-HESILA 250 (5X20)**	②	3270197	50

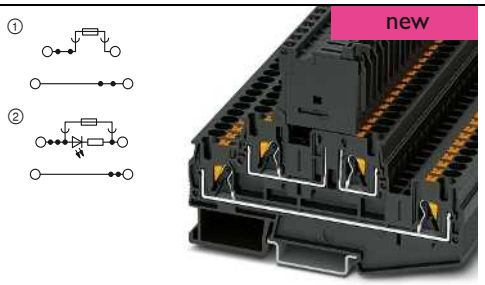
Accessories[1]				Accessories[1]			
Cover, width: 2.2 mm	gray	**D-ST 4**	3030420	50	**D-PTC 2,5-TWIN-MT**	3270100	50

Fuse terminal blocks

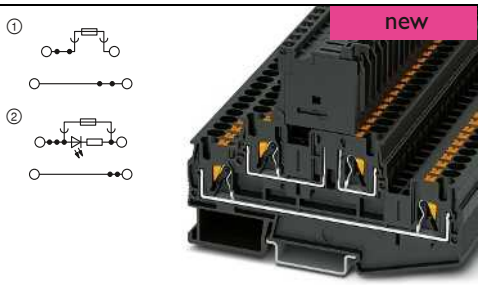
Notes:

1) For additional accessories and technical data, see page 92.

2) The current is determined by the fuse used, the voltage by the selected light indicator. Observe the maximum power dissipation, see phoenixcontact.net/products.



6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses



6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses

Technical data[1]					Technical data[1]			
Dimensions	Width	Length	Height		Width	Length	Height	
[mm]	**6.2**	**102.9**	**75.5 (NS 35/7,5)**		**6.2**	**102.9**	**75.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	6.3[2]	**500[2]**	**0.2 - 6**	**-**	**6.3[2]**	**500[2]**	**0.2 - 6**	**-**
Maximum bridge current [A]	22 (FBS) / 22 (FBSR)				22 (FBS) / 22 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500[2]	-	-	-	500[2]	-	-	-
Nominal current / cross section [A] / [mm²]	6.3 / 4	- / -	- / -	- / -	6.3 / 4	- / -	- / -	- / -

Ordering data					Ordering data			
Description	Color	**Type**		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Fuse terminal block	black	**PTTB 4-HESI (5X20)**	①	3211886	50	**PTTB 4-HESI-EX (5X20)**	①	3211895	50
With LED for 12–30 V AC/DC, 0.31–0.95 mA	black	**PTTB 4-HESILED 24 (5X20)**	②	3211888	50	**PTTB 4-HESILED 24-EX (5X20)**	②	3211897	50
for 30–60 V AC/DC, 0.40–0.86 mA	black	**PTTB 4-HESILED 60 (5X20)**	②	3211890	50	**PTTB 4-HESILED 60-EX (5X20)**	②	3211899	50
110 – 250 V AC/DC, 0.41 – 0.96 mA	black	**PTTB 4-HESILED 250 (5X20)**	②	3211892	50	**PTTB 4-HESILED 250-EX (5X20)**	②	3211901	50

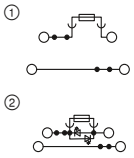
Accessories[1]				Accessories[1]			
Cover, width: 2.2 mm	gray	**D-PTTB 4-TG**	3211918	50	**D-PTTB 4-TG**	3211918	50

Fuse terminal blocks

Notes:

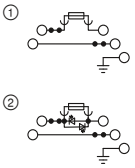
[1]) For additional accessories and technical data, see page 92.

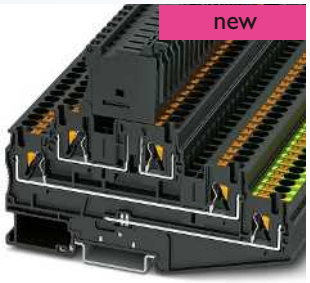
[2]) The current is determined by the fuse used.





32 A, fuse terminal block for 5 x 20 mm cartridge fuses





32 A, fuse terminal block for 5 x 20 mm cartridge fuses, PE foot

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	6.2	118.5	83.9 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	500	0.2 - 6	-
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	- / -	- / -	- / -
Nominal current / cross section	[A] / [mm²]	6.3[2]) / 4 (disconnect level)			

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	6.2	118.5	83.9 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	500	0.2 - 6	-
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	- / -	- / -	- / -
Nominal current / cross section	[A] / [mm²]	6.3[2]) / 4 (disconnect level)			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Fuse terminal block	black	**PT 4-L/HESI (5X20)**	①	3002608	50
With LED for 12-30 V DC, 0.31-0.95 mA	gray	**PT 4-L/HESILED 24 (5X20)**	②	3002609	50
for 30–60 V AC/DC, 0.40–0.86 mA	gray	**PT 4-L/HESILED 60 (5X20)**	②	3002611	50
110 – 250 V AC/DC, 0.41 – 0.96 mA	gray	**PT 4-L/HESILED 250 (5X20)**	②	3002612	50

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Fuse terminal block	black	**PT 4-PE/L/HESI (5X20)**	①	3002602	50
With LED for 12-30 V DC, 0.31-0.95 mA	gray	**PT 4-PE/L/HESILED 24 (5X20)**	②	3002603	50
for 30–60 V AC/DC, 0.40–0.86 mA	gray	**PT 4-PE/L/HESILED 60 (5X20)**	②	3002604	50
110 – 250 V AC/DC, 0.41 – 0.96 mA	gray	**PT 4-PE/L/HESILED 250 (5X20)**	②	3002605	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 4-PE/L/HESI**	3002619	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 4-PE/L/HESI**	3002619	50

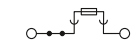
Fuse terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 92.

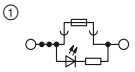
[2]) The current is determined by the fuse used, the voltage by the light indicator.

[3]) 15 A for single arrangement, 10 A for group arrangement. For the derating curve, see phoenixcontact.net/products. The recommended continuous load capacity of fuse-links according to DIN 72581/Part 3 is a maximum of 80% of their nominal current (at an ambient temperature of 23°C).





15 A, fuse terminal block, for type F flat-type fuses





15 A, fuse terminal block with LED display, for type F flat-type fuses

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	6.2	56	36.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		15[3])	400[2])	0.2 - 6	24-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2])	300	300	-
Nominal current / cross section	[A] / [mm²]	10[2]) / 4	15 / -	15 / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	6.2	56	36.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		15[3])	12[2])	0.2 - 6	24-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	12[2])	300	12	-
Nominal current / cross section	[A] / [mm²]	10[2]) / 4	15 / -	15 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Fuse terminal block	black	**PT 4-FSI/F**	①	3208943	50
With light indicator for 12 V DC, 1.7 mA	black				
for 24 V DC, 1.9 mA	black				

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
		PT 4-FSI/F-LED 12	①	3208951	50
		PT 4-FSI/F-LED 24	①	3208964	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 4**	3030420	50

Accessories[1])

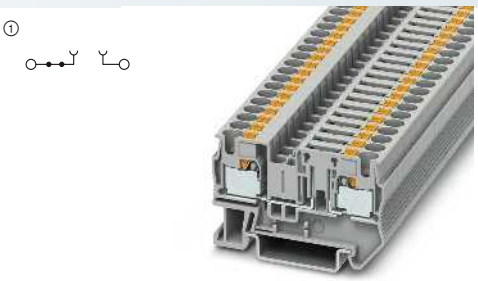
Cover, width: 2.2 mm	gray	**D-ST 4**	3030420	50

Disconnect and knife disconnect terminal blocks

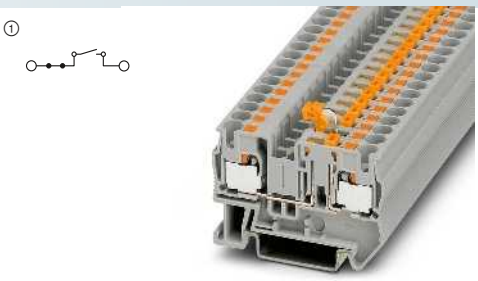
Notes:

1) For additional accessories and technical data, see page 92.

2) Current and voltage are determined by the connector used.



20 A, disconnect terminal block



20 A, knife disconnect terminal block

		Technical data[1]				Technical data[1]			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**6.2**	**56**	**36.5 (NS 35/7,5)**		**6.2**	**56**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20[2])	**400[2])**	**0.2 - 6**	**24-10**	**20**	**400**	**0.2 - 6**	**24-10**
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)				20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[2])	300	300	-	400	300	300	-
Nominal current / cross section	[A] / [mm²]	20[2]) / 2.5	20 / -	20 / -	- / -	20 / 2.5	20 / -	20 / -	- / -

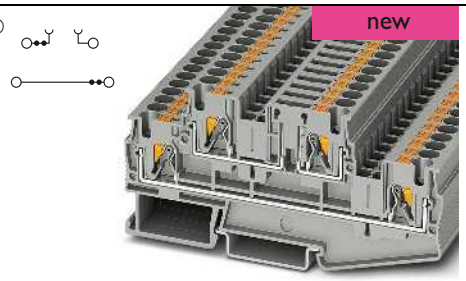
Description	Color	Ordering data Type		Order No.	Pcs./Pkt.	Ordering data Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PT 4-TG**	①	3211922	50				
Knife disconnect terminal block	gray					**PT 4-MT**	①	3211933	50
	blue					**PT 4-MT BU**	①	3211934	50
		Accessories[1]				**Accessories[1]**			
Cover, width: 2.2 mm	gray	**D-ST 4**		3030420	50	**D-ST 4**		3030420	50

Disconnect and knife disconnect terminal blocks

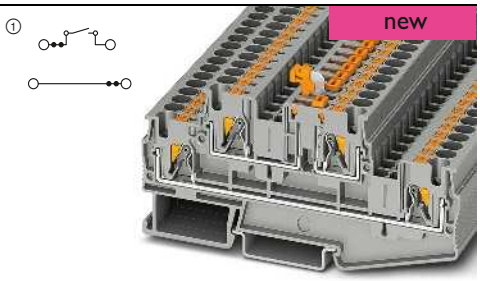
Notes:

1) For additional accessories and technical data, see page 92.

2) Current and voltage are determined by the connector used.



32 A, double-level terminal block, one disconnect zone



32 A, double-level knife disconnect terminal block, one disconnect zone

		Technical data[1]				Technical data[1]			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**6.2**	**102.9**	**47.4 (NS 35/7,5)**		**6.2**	**102.9**	**49 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**500[2])**	**0.2 - 6**	**-**	**32**	**500**	**0.2 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)				32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[2])	-	-	-	500	-	-	-
Nominal current / cross section	[A] / [mm²]	32[2]) / 4	- / -	- / -	- / -	32 / 4	- / -	- / -	- / -
Nominal current / cross section	[A] / [mm²]	20 / 4 (disconnect level)				20 / 4 (disconnect level)			

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.	Ordering data Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PTTB 4-TG**	①	3211909	50				
	blue	**PTTB 4-TG BU**	①	3211911	50				
Knife disconnect terminal block	gray					**PTTB 4-MT**	①	3211913	50
	blue					**PTTB 4-MT BU**	①	3211915	50
		Accessories[1]				**Accessories[1]**			
Cover, width: 2.2 mm	gray	**D-ST 4**		3030420	50	**D-ST 4**		3030420	50

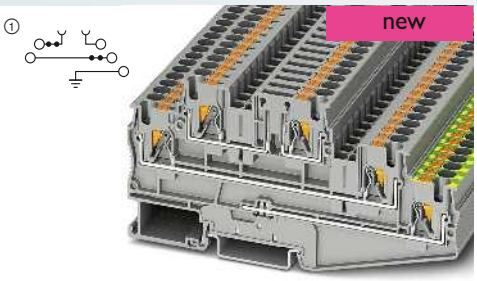
4 mm² PT Push-in connection terminal blocks

Disconnect and knife disconnect terminal blocks

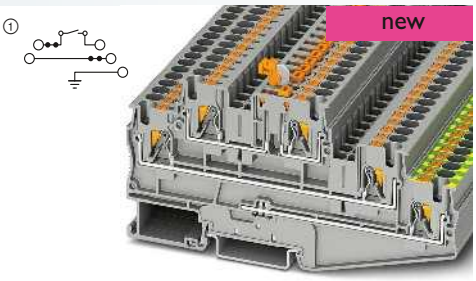
– Same shape as three-level fuse terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 92.



20 A, three-level terminal block with disconnect zone



20 A, three-level terminal block with disconnect knife

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
6.2	**118.5**	**56 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.2 - 6**	**-**
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	-	-	-
20 / 4	- / -	- / -	- / -
20 / 4 (disconnect level)			

Ordering data

Description	Color
Disconnect terminal block	gray
Knife disconnect terminal block	gray

Type	Order No.	Pcs./Pkt.
PT 4-PE/L/TG [1])	3002618	50

Accessories[1])

Cover, width: 2.2 mm	gray

Type	Order No.	Pcs./Pkt.
D-PT 4-PE/L/HESI	3002619	50

Technical data[1])

Width	Length	Height	
6.2	**118.5**	**57.6 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.2 - 6**	**-**
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	-	-	-
20 / 4	- / -	- / -	- / -
20 / 4 (disconnect level)			

Ordering data

Type	Order No.	Pcs./Pkt.
PT 4-PE/L/MT [1])	3002617	50

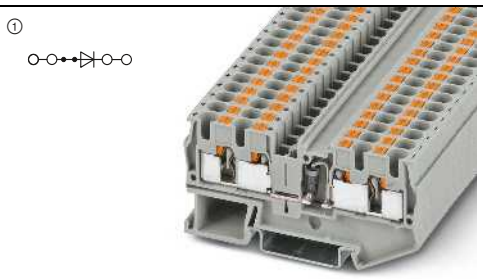
Accessories[1])

Type	Order No.	Pcs./Pkt.
D-PT 4-PE/L/HESI	3002619	50

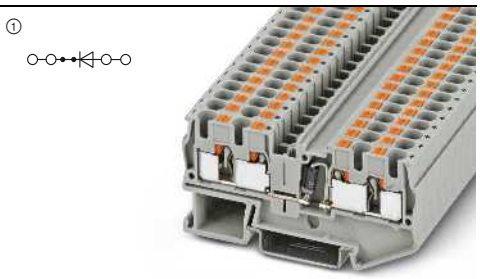
Diode terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 92.



1.5 A, diode terminal block, 1N 5408 (1000 V/1.5 A)



1.5 A, diode terminal block, 1N 5408 (1000 V/1.5 A)

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
6.2	**77**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
1.5	**800**	**0.2 - 6**	**24-10**
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	-
1.5 / 1	1.5 / -	1.5 / -	- / -

Ordering data

Description	Color
Terminal block, for conducting direction see circuit diagram	gray

Type	Order No.	Pcs./Pkt.
PT 4-QUATTRO-DIO 1N 5408/L-R [1])	3211919	50

Accessories[1])

Cover, width: 2.2 mm	gray

Type	Order No.	Pcs./Pkt.
D-PT 4-QUATTRO	3208979	50

Technical data[1])

Width	Length	Height	
6.2	**77**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
1.5	**800**	**0.2 - 6**	**24-10**
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	600	600	-
1.5 / 1	1.5 / -	1.5 / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
PT 4-QUATTRO-DIO 1N 5408/R-L [1])	3211921	50

Accessories[1])

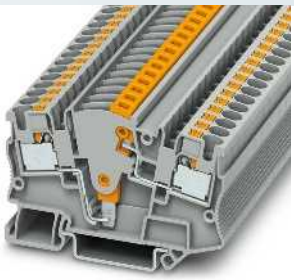
Type	Order No.	Pcs./Pkt.
D-PT 4-QUATTRO	3208979	50

Measuring transducer disconnect terminal blocks

Notes:

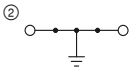
[1]) For additional accessories and technical data, see page 92.

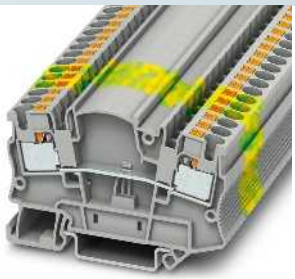
①



24 A, measuring transducer disconnect terminal block

①

② 



32 A, feed-through terminal block, same shape

Technical data[1])

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Width	Length	Height	
6.2	**70.5**	**49.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.2 - 6**	**24-10**
24 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	300	-
24 / 4	26 / -	26 / -	- / -

Ordering data

Description	Color
Terminal block	gray
Ground terminal	green-yellow

Type		Order No.	Pcs./Pkt.
PTME 4	①	3212139	50

Accessories[1])

Cover, width: 2.2 mm	gray		
D-PTME 4		3212167	10

Technical data[1])

Width	Length	Height	
6.2	**70.5**	**49.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**500**	**0.2 - 6**	**24-10**
28 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	300	-
32 / 4	26 / -	26 / -	- / -

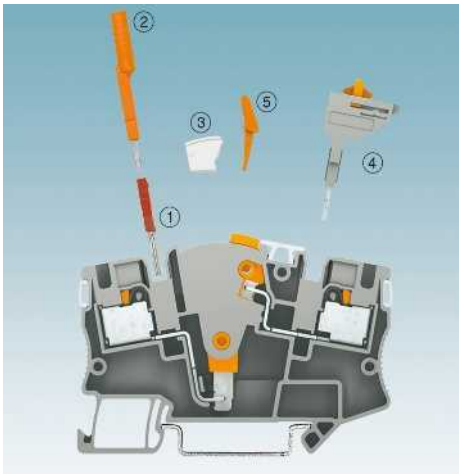
Ordering data

Type		Order No.	Pcs./Pkt.
PTMED 4	①	3212141	50
PTMED 4-PE	②	3212154	50

Accessories[1])

D-PTME 4		3212167	10

Supplementary accessories for PTME 4 measuring transducer disconnect terminal blocks



– Current transformer measuring circuit can be created using just two PTME 4
– Less space required compared to creating circuits with slide-type terminal blocks
① FBS... plug-in bridge for cross connection
② 4 mm Ø PAI-4-FIX... test plug adapter
③ S-ME 4 switching lock
④ SB-ME... bridge bar
⑤ C−ME 4/2 operating lever

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange	**PAI-4-FIX-5/6 OG**	3035974	10
	1	yellow	**PAI-4-FIX-5/6 YE**	3035977	10
	1	green	**PAI-4-FIX-5/6 GN**	3035978	10
	1	violet	**PAI-4-FIX-5/6 VT**	3035979	10
	1	black	**PAI-4-FIX-5/6 BK**	3035980	10
	1	blue	**PAI-4-FIX-5/6 BU**	3035975	10
	1	red	**PAI-4-FIX-5/6 RD**	3035976	10
	1	gray	**PAI-4-FIX-5/6 GY**	3035982	10
	1	brown	**PAI-4-FIX-5/6 BN**	3035981	10
	1	white	**PAI-4-FIX-5/6 WH**	3035983	10
Switching lock, plug-in		white	**S-ME 4**	3035758	10
Bridge bar, plug-in	2	gray/orange	**SB-ME 2-6**	3035755	10
	3	gray/orange	**SB-ME 3-6**	3035756	10
	4	gray/orange	**SB-ME 4-6**	3035757	10
Operating lever, for actuating 2 meas. trans. disc. terminal blocks	2	orange	**C-ME 4/2**	3035759	10
	3	orange	**C-ME 4/3**	3035760	10

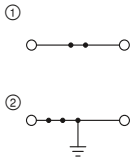
4 mm² PT Push-in connection terminal blocks

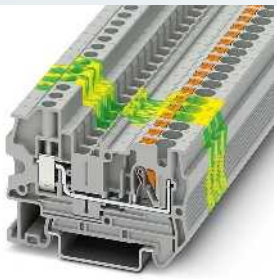
Hybrid terminal blocks with screw connection on one side, 4 (6) mm²

Notes:

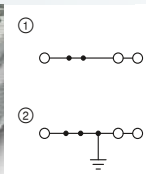
[1]) For additional accessories and technical data, see page 92.

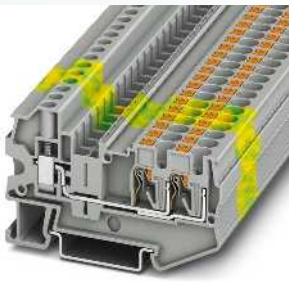
[2]) For screw connection rated data, see page 228.





38 A, feed-through terminal block





38 A, feed-through terminal block, 3 connections

		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**6.2**	**58.8**	**42.8 (NS 35/7,5)**		**6.2**	**69.3**	**42.8 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	**800**	**0.2 - 6**	**24-10**	**38**	**800**	**0.2 - 6**	**24-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)				32 (FBS) / 24 (FBSR)			
Rated data[2])		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	- / -	- / -	32 / 4	30 / -	30 / -	- / -

Description	Color	Type		Order No.	Pcs./Pkt.	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTU 4**	①	3211855	50	**PTU 4-TWIN**	①	3211859	50
	blue	**PTU 4 BU**	①	3211856	50	**PTU 4-TWIN BU**	①	3211860	50
Ground terminal	green-yellow	**PTU 4-PE**	②	3211857	50	**PTU 4-TWIN-PE**	②	3211862	50

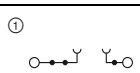
		Accessories[1])			Accessories[1])		
Cover, width: 2.2 mm	gray	**D-PTU 4**	3211858	50	**D-PTU 4-TWIN**	3211863	50

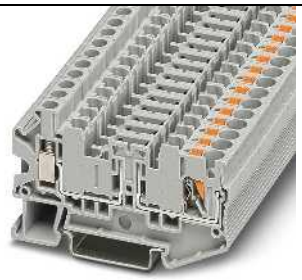
Hybrid terminal blocks with screw connection on one side, 4 (6) mm²

Notes:

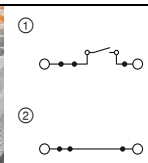
[1]) For additional accessories and technical data, see page 92.

[2]) For screw connection rated data, see page 228.





20 A, disconnect terminal block, 3 function shafts and two 4 mm test sockets





20 A, knife disconnect terminal block, 3 function shafts and two 4 mm test sockets

		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**6.2**	**71**	**42.8 (NS 35/7,5)**		**6.2**	**71**	**42.8 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**400**	**0.2 - 6**	**-**	**20**	**400**	**0.2 - 6**	**-**
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)				20 (FBS) / 20 (FBSR)			
Rated data[2])		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	-	-	-	400	-	-	-
Nominal current / cross section	[A] / [mm²]	20 / 4	- / -	- / -	- / -	20 / 4	- / -	- / -	- / -

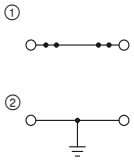
Description	Color	Type		Order No.	Pcs./Pkt.	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTU 4-TG**	①	3209542	50	**PTU 4-MT**	①	3209538	50
With test socket screws	gray	**PTU 4-TG-P**	①	3209541	50	**PTU 4-MT-P**	①	3209532	50
Feed-through terminal block, same shape	gray					**PTU 4-MTD**	②	3209539	50
With test socket screws	gray					**PTU 4-MTD-P**	②	3209540	50

		Accessories[1])			Accessories[1])		
Cover, width: 2.2 mm	gray	**D-PTU 4-MT**	3209534	50	**D-PTU 4-MT**	3209534	50

Feed-through terminal blocks, multi-conductor terminal blocks, and ground terminals in desk design

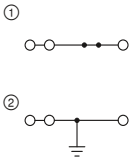
Notes:

[1]) For additional accessories and technical data, see page 92.





38 A, feed-through terminal block





38 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	62.4	43 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	800	0.2 - 6	24-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTS 4**	①	3213601	50
	blue	**PTS 4 BU**	①	3213602	50
Ground terminal	green-yellow	**PTS 4-PE**	②	3213603	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTS 4**	3213600	10

Technical data[1])

		Width	Length	Height
		6.2	62.4	43 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	800	0.2 - 6	24-10
		32 (FBS) / 24 (FBSR)			
		IEC	UL / CUL	CSA	Ex
		800	600	600	-
		32 / 4	30 / -	30 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PTS 4-TWIN	①	3213604	50
PTS 4-TWIN BU	①	3213605	50
PTS 4-TWIN-PE	②	3213606	50

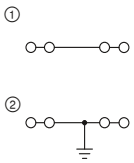
Accessories[1])

D-PTS 4	3213600	10

Multi-conductor terminal blocks, multi-level terminal blocks, and ground terminals in desk design

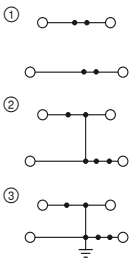
Notes:

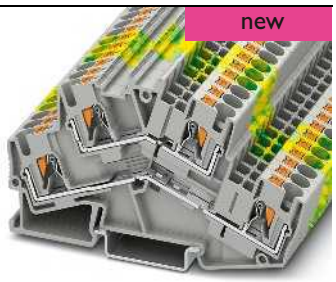
[1]) For additional accessories and technical data, see page 92.





38 A, feed-through terminal block, 4 connections





28 A, double-level terminal block

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	62.4	43 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	800	0.2 - 6	24-10
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTS 4-QUATTRO**	①	3213607	50
	blue	**PTS 4-QUATTRO BU**	①	3213608	50
	With potential distribution	gray			
Ground terminal	green-yellow	**PTS 4-QUATTRO-PE**	②	3213609	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTS 4**	3213600	10

Technical data[1])

		Width	Length	Height
		6.2	96	54.5 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	800	0.2 - 6	-
		20			
		IEC	UL / CUL	CSA	Ex
		800	-	-	-
		28	- / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PTTBS 4	①	3211832	50
PTTBS 4 BU	①	3211838	50
PTTBS 4-PV	②	3211848	50
PTTBS 4-PE	③	3211841	50

Accessories[1])

D-PTTBS 4	3211849	50

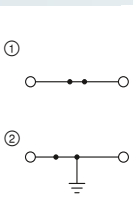
4 mm² PT Push-in connection terminal blocks

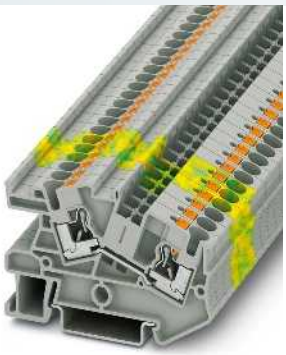
Installation terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 92.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products





32 A, feed-through terminal block





32 A, neutral disconnect terminal block

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Connection capacity	
1 conductor	[mm²]

Technical data[1])

Width	Length	Height	
6.2	**66**	**44 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**800**	**0.2 - 6**	**-**
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	-	-	-
32 / 4	- / -	- / -	- / -
solid	stranded	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTI 4**	①	3213970	50
	blue	**PTI 4 BU**	①	3213971	50
Ground terminal	green-yellow	**PTI 4-PE**	②	3213964	50
Neutral disconnect terminal block	blue				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-DTI 4**	3034895	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue	**AB-PTI**	3214006	50

Technical data[1])

Width	Length	Height	
6.2	**66**	**46.3 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**250**	**0.2 - 6**	**-**
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
250	-	-	-
32 / 4	- / -	- / -	- / -
solid	stranded	Ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4

Ordering data

Type		Order No.	Pcs./Pkt.
PTN 4	①	3213965	50

Accessories[1])

D-PTN 4	3213978	50
AB-PTI	3214006	50

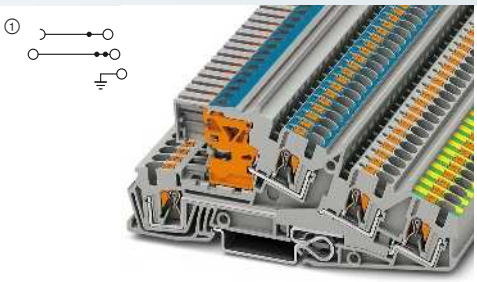
Installation terminal blocks

Notes:

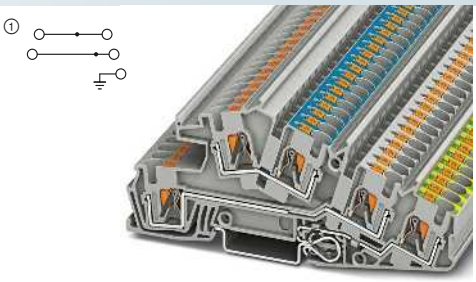
1) For additional accessories and technical data, see page 92.

2) Max. load current 32 A with a 6 mm² conductor cross section

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products



32 A, three-level terminal block, 1 x L outer conductor, 1 x N conductor can be disconnected, 1 x PE



32 A, three-level terminal block, 2 x L outer conductor, 1 x PE

		Technical data[1]			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**114**	**50.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2]	**400**	**0.2 - 6**	**20-8**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-	-
Nominal current / cross section	[A] / [mm²]	28 / 4	27 / -	- / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4

		Technical data[1]			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**114**	**50.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2]	**400**	**0.2 - 6**	**20-8**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-	-
Nominal current / cross section	[A] / [mm²]	28 / 4	27 / -	- / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, upper level blue	gray	**PTI 4-PE/L/NT**	1	3214047	50
	gray	**PTI 4-PE/L/LT**	1	3214048	50

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, upper level blue	gray	**PTI 4-PE/L/N**	1	3214049	50
	gray	**PTI 4-PE/L/L**	1	3214050	50

Accessories[1]			
Cover, width: 2.2 mm	gray	**D-PTI 4/3**	3214054	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue	**AB-PTI 4/3**	3214053	50

Accessories[1]			
Cover, width: 2.2 mm	gray	**D-PTI 4/3**	3214054	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue	**AB-PTI 4/3**	3214053	50

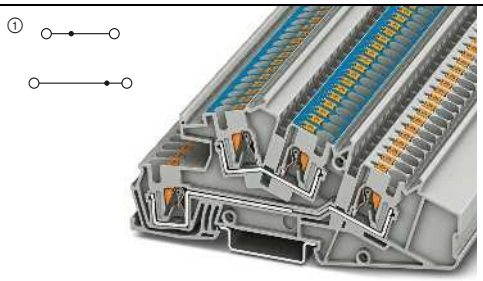
Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 92.

2) Max. load current 32 A with a 6 mm² conductor cross section

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products



32 A, three-level terminal block, 1 x L outer conductor, 1 x N conductor

		Technical data[1]			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**114**	**50.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2]	**400**	**0.2 - 6**	**20-8**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-	-
Nominal current / cross section	[A] / [mm²]	28 / 4	27 / -	- / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, upper level blue	gray	**PTI 4-L/N**	1	3214051	50
	gray	**PTI 4-L/L**	1	3214052	50

Accessories[1]			
Cover, width: 2.2 mm	gray	**D-PTI 4/3**	3214054	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue	**AB-PTI 4/3**	3214053	50

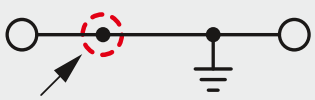
6 mm² PT Push-in connection terminal blocks

General technical data for 6 mm² PT Push-in connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm²]	6			
Cross section range	AWG	20 - 8			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Connection cross sections directly plugged in	[mm²]	1 - 10	-	1 - 6	1 - 6
General data					
Stripping length	[mm]	10 - 12			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



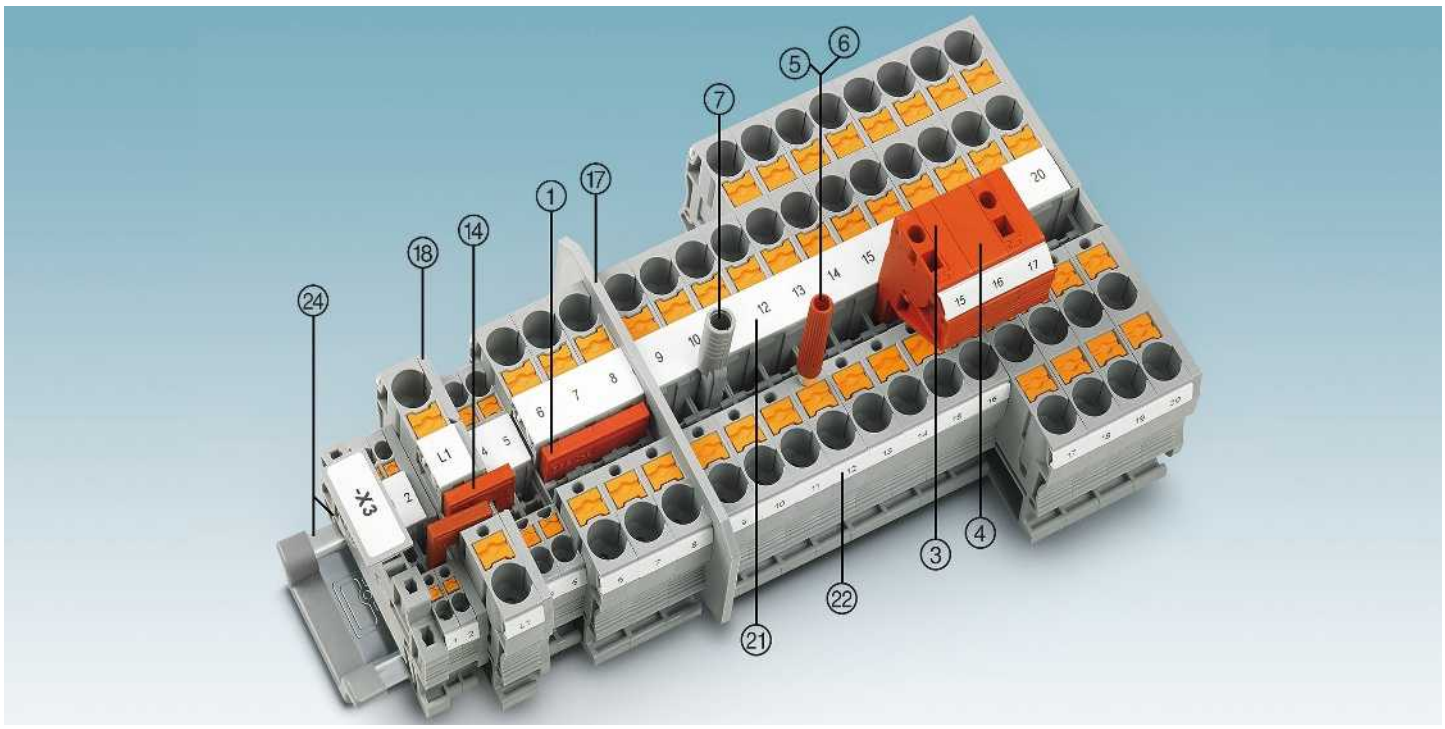
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 6 mm² PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-8**	3030284	10	**FBSR 2-8**	3033808	10
	3	red	**FBS 3-8**	3030297	10	**FBSR 3-8**	3001597	10
	4	red	**FBS 4-8**	3030307	10	**FBSR 4-8**	3000585	10
	5	red	**FBS 5-8**	3030310	10	**FBSR 5-8**	3033809	10
	10	red	**FBS 10-8**	3030323	10	**FBSR 10-8**	3001599	10
	16	red				**FBSR 16-8**	3033816	10
③ **Modular test plug**		red	**PS-8**	3031005	10			
④ **Spacer plate**		red	**DP PS-8**	3036741	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
Screwdriver			**SZF 2-0,8X4,0**	1204520	10			

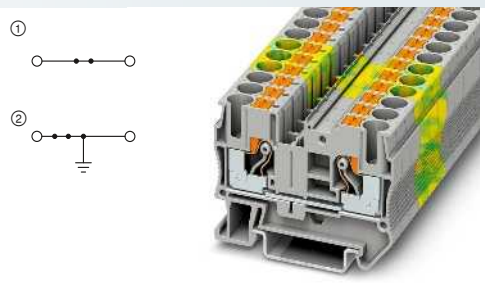
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 104.

For information on installation and using accessories for Ex applications, see page 644.



52 A, feed-through terminal block

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

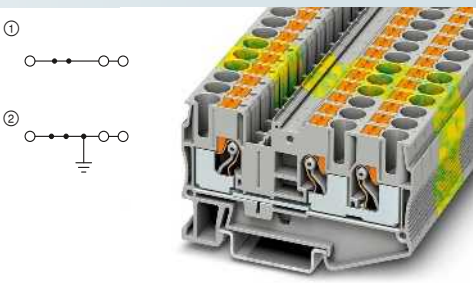
Dimensions				
	[mm]	Width	Length	Height
		8.2	57.7	43.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		52	1000	0.5 - 10 / 20-8
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 550
Nominal current / cross section	[A] / [mm²]	41 / 6	40 / -	40 / - / 36.5 / 6

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 6**	①	3211813	50
	blue	**PT 6 BU**	①	3211819	50
Ground terminal	green-yellow	**PT 6-PE**	②	3211822	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 6**	3212044	50



52 A, feed-through terminal block, 3 connections

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

		Width	Length	Height
		8.2	74.2	43.5 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		52	1000	0.5 - 10 / 20-8
		41 (FBS) / 32 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		1000	600	600 / 550
		41 / 6	40 / -	40 / - / 35.5 / 6

Ordering data

Type		Order No.	Pcs./Pkt.
PT 6-TWIN	①	3211929	50
PT 6-TWIN BU	①	3211485	50
PT 6-TWIN-PE	②	3211498	50

Accessories[1])

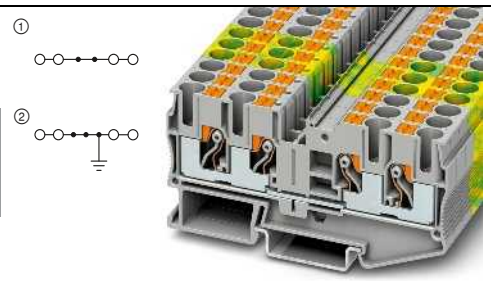
D-PT 6-TWIN	3211508	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 104.

For information on installation and using accessories for Ex applications, see page 644.



52 A, feed-through terminal block, 4 connections

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	90.5	43.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		52	1000	0.5 - 10 / 20-8
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 550
Nominal current / cross section	[A] / [mm²]	41 / 6	40 / -	40 / - / 36 / 6

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 6-QUATTRO**	①	3212934	50
	blue	**PT 6-QUATTRO BU**	①	3212947	50
Ground terminal	green-yellow	**PT 6-QUATTRO-PE**	②	3212950	50

Accessories[1])

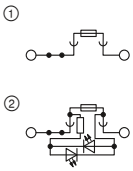
Cover, width: 2.2 mm	gray	**D-PT 6-QUATTRO**	3212963	50

Fuse terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 104.

[2]) The current is determined by the fuse used, the voltage by the selected light indicator. Observe the maximum power dissipation, see phoenixcontact.net/products.





10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses, 2 function shafts

Technical data[1])			
Width	Length	Height	
8.1	74.5	69 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10[2])	400[2])	0.5 - 10	-
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
400[2])	-	-	-
10 / 6	- / -	- / -	- / -

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Ordering data			
Type		Order No.	Pcs./Pkt.
PT 6-HESI (6,3X32)	①	3211870	50
PT 6-HESILED 24 (6,3X32)	②	3211874	50
PT 6-HESILED 60 (6,3X32)	②	3211868	50
PT 6-HESILED 250 (6,3X32)	②	3212133	50

Description	Color
Fuse terminal block	black
With LED for 12–30 V AC/DC, 0.31–0.95 mA	black
for 30–60 V AC/DC, 0.40–0.86 mA	black
110 – 250 V AC/DC, 0.41 – 0.96 mA	black

Fuse terminal blocks

Notes:

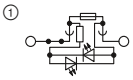
[1]) For additional accessories and technical data, see page 104.

You can find a selection of matching thermal TCP circuit breakers in Catalog 4.





30 A, fuse terminal block for type C flat-type fuses





30 A, fuse terminal block with LED display for type C flat-type fuses

Technical data[1])			
Width	Length	Height	
8.1	74.1	45.5 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	400	0.5 - 10	-
30 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	-	-	-
30 / 6	- / -	- / -	- / -

Technical data[1])			
Width	Length	Height	
8.1	74.1	45.5 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	12	0.5 - 10	-
30 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
12	-	-	-
30 / 6	- / -	- / -	- / -

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Ordering data			
Type		Order No.	Pcs./Pkt.
PT 6-FSI/C	①	3212166	50

Ordering data			
Type		Order No.	Pcs./Pkt.
PT 6-FSI/C-LED 12	①	3212169	50
PT 6-FSI/C-LED 24	①	3212172	50
PT 6-FSI/C-LED 48	①	3212175	50

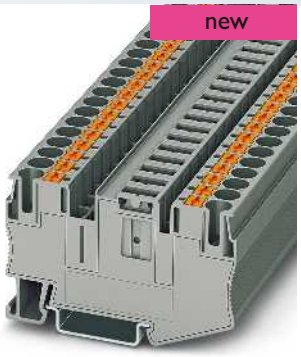
Description	Color
Fuse terminal block	black
with LED display for 6 - 12 V DC, 0.31 - 0.95 mA	black
for 12 - 30 V DC, 0.31 - 0.95 mA	black
for 24 - 48 V DC, 0.31 - 0.95 mA	black

Disconnect and knife disconnect terminal blocks

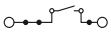
Notes:

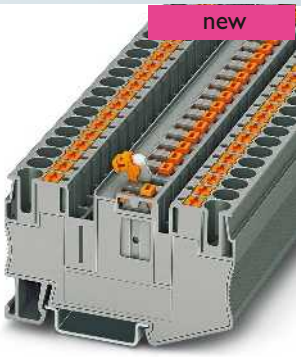
[1]) For additional accessories and technical data, see page 104.

① 



20 A, disconnect terminal block

① 



20 A, knife disconnect terminal block

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
8.2	**74.1**	**45.3 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.5 - 10**	**-**
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	-	-	-
20 / 6	- / -	- / -	- / -

Ordering data

Description	Color
Disconnect terminal block	gray
Knife disconnect terminal block	gray

Type		Order No.	Pcs./Pkt.
PT 6-TG	①	3212163	50

Technical data[1])

Width	Length	Height	
8.2	**74.1**	**43.7 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.5 - 10**	**-**
20 (FBS) / 20 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	-	-	-
20 / 6	- / -	- / -	- / -

Ordering data

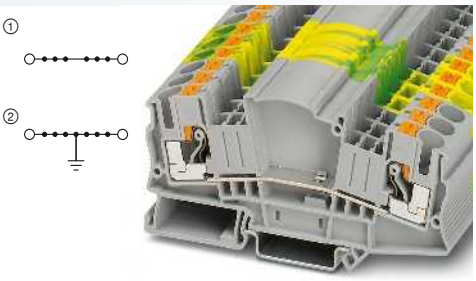
Type		Order No.	Pcs./Pkt.
PT 6-MT	①	3212160	50

Measuring transducer disconnect terminal blocks

Notes:
[1]) For additional accessories and technical data, see page 104.
The PTME 6 HV versions have a rated voltage of 1000 V.
COMBI plug-in meas. trans. disc. terminal blocks: page 304.



30 A, measuring transducer disconnect terminal block



41 A, feed-through terminal block, same shape

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
General data	
Stripping length	[mm]

Technical data[1])

Width	Length	Height	
8.2	**100.8**	**49.6 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**500**	**0.5 - 10**	**20-8**
30 (FBS) / 30 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
30 / 6	30 / -	30 / -	- / -
12			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Meas. trans. disconnect terminal block	gray	**PTME 6**	①	3212170	50
	gray	**PTME 6 HV**	①	3035696	50
	blue	**PTME 6 HV BU**	①	3035695	50
Feed-through terminal block	gray				
Ground terminal	green-yellow				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-DTME 6**	3034426	10

Technical data[1])

Width	Length	Height	
8.2	**100.8**	**49.6 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41	**1000**	**0.5 - 10**	**20-8**
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41 / 6	30 / -	30 / -	- / -
12			

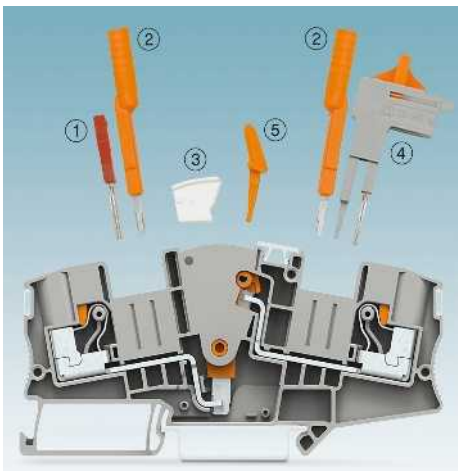
Ordering data

Type		Order No.	Pcs./Pkt.
PTMED 6	①	3212183	50
PTMED 6-PE	②	3212196	50

Accessories[1])

D-DTME 6	3034426	10

Supplementary accessories for PTME 6 measuring transducer disconnect terminal blocks



– Current transformer measuring circuit can be created using just two PTME 6
– Less space required compared to creating circuits with slide-type terminal blocks
① FBS... plug-in bridge for cross connection
② 4 mm Ø PAI-4-FIX... test plug adapter
③ S-ME 6 switching lock
④ SB-ME... bridge bar
⑤ C−ME 6/2 operating lever

Ordering data

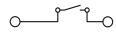
Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test plug, snapped into bridge shaft	1	orange	**PAI-4-FIX OG**	3034455	10
	1	yellow	**PAI-4-FIX YE**	3032745	10
	1	green	**PAI-4-FIX GN**	3032758	10
	1	violet	**PAI-4-FIX VT**	3032761	10
	1	black	**PAI-4-FIX BK**	3032774	10
	1	blue	**PAI-4-FIX BU**	3032729	10
	1	red	**PAI-4-FIX RD**	3032732	10
	1	gray	**PAI-4-FIX GY**	3032790	10
	1	brown	**PAI-4-FIX BN**	3032787	10
	1	white	**PAI-4-FIX WH**	3032797	10
Switching lock, plug-in		white	**S-ME 6**	3034439	10
Bridge bar, plug-in	2	gray/orange	**SB-ME 2-8**	3034468	10
	3	gray/orange	**SB-ME 3-8**	3032800	10
	4	gray/orange	**SB-ME 4-8**	3034484	10
Operating lever, for actuating meas. trans. disc. terminal blocks	1	orange	**C-ME 6/1**	3034441	10
	2	orange	**C-ME 6/2**	3034442	10
	3	orange	**C-ME 6/3**	3034390	50

Hybrid terminal blocks with screw connection on one side, 6 (10) mm²

Notes:

1) For additional accessories and technical data, see page 104.

2) For screw connection rated data, see page 242.

① 



41 A, measuring transducer disconnect terminal block

①



52 A, feed-through terminal block, same shape

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	8.2	73.9	48 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41	500	0.5 - 10	-
Rated data[2])		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	41 / 6	- / -	- / -	- / -
General data					
Stripping length	[mm]	12			

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	8.2	73.9	48 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		52	800	0.5 - 10	-
Rated data[2])		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm²]	41 / 6	- / -	- / -	- / -
General data					
Stripping length	[mm]	12			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Meas. trans. disconnect terminal block	gray	**PTU 6-T**	①	3209535	50
with test sockets	gray	**PTU 6-T-P**	①	3209530	50
Feed-through terminal block	gray				
with test sockets	gray				

Ordering data

Type		Order No.	Pcs./Pkt.
PTUD 6	①	3209531	50
PTUD 6-P	①	3209537	50

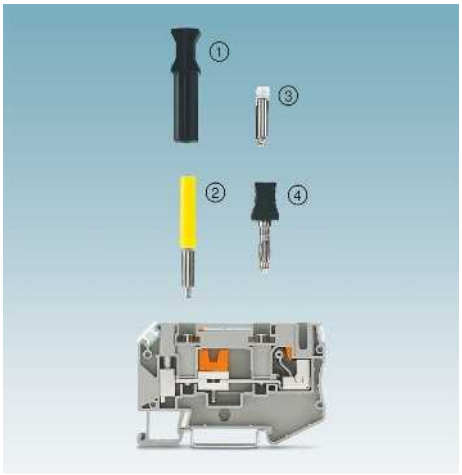
Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTU 6-T**	3209533	50
Screwdriver		**SZS 1,0X4,0 VDE**	1205066	10

Accessories[1])

D-PTU 6-T	3209533	50
SZS 1,0X4,0 VDE	1205066	10

Supplementary accessories for PTU 6-T measuring transducer disconnect terminal blocks



– Efficient wiring using Push-in connection on the inside of the control cabinet
– Universal screw connection on the end customer side
– The following accessories are included for transformer short circuit and potential distribution:

① KSSI... insulated short-circuit plug
② PSBJ 6-T... test socket
③ SCBI 10-8,15... isolator bridge bar
④ KSS... short-circuit plug

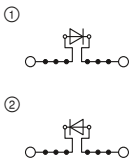
Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Insertion bridge, fully insulated	2	gray	**EB 2- 8**	0202154	100
	3	gray	**EB 3- 8**	0202141	100
	4	gray	**EB 4- 8**	0202142	100
	10	gray	**EB 10- 8**	0202138	10
Fixed bridge	10	silver	**SCBI 10-8,15**	3245134	10
Isolator bridge bar	10	silver	**SCBI 10-8,15 ISO**	3000417	10
Test socket	1	silver	**TPS 3/20/5**	3246586	10
Partition plate, 2 mm width		gray	**ATP-URTK/SP**	0311139	10
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated	2	black	**KSSI 2-8**	3000722	10
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, $I_{max.}$ 20 A	2	black	**KSS 8**	0311540	10
Test socket, insulated	1	orange	**PSBJ 6-T OG**	3070320	10

6 mm² PT Push-in connection terminal blocks

Diode terminal blocks

Notes:
[1]) For additional accessories and technical data, see page 104.
[2]) If the diode is loaded to 5 A, the surface reaches a temperature of 140°C.
[3]) 1000 V reverse voltage
If several diode terminal blocks need adding to the DIN rail, a spacer plate must be placed between them.





5 A, 1000 V, diode terminal block, same shape



Spacer plate, same shape

Technical data[1])				
Dimensions	Width	Length	Height	
[mm]	**8.2**	**100.8**	**60 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	5[2])	**1000[3])**	**0.5 - 10**	**20-8**
Maximum bridge current [A]	30 (FBS) / 30 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000[3])	600	600	-
Nominal current / cross section [A] / [mm²]	5[2]) / 6	10 / -	10 / -	- / -
General data				
Stripping length [mm]	12			

Technical data[1])				
Width	Length	Height		
8.2	**100.8**	**49.6 (NS 35/7,5)**		
		max. Ø [mm²]	AWG (UL)	
		-	**-**	
-				
IEC	UL / CUL	CSA	Ex	
-	-	-	-	
-	- / -	- / -	- / -	
-				

Ordering data			
Type		**Order No.**	Pcs./Pkt.
PTME 6-DIO/L-R HV	①	3035697	50
PTME 6-DIO/R-L HV	②	3035698	50

Ordering data		
Type	**Order No.**	Pcs./Pkt.
DP-STMED 6	3035690	50

Description	Color
Terminal block, for conducting direction see circuit diagram	gray
	gray
Spacer plate	gray

Accessories[1])		
D-DTME 6	3034426	10

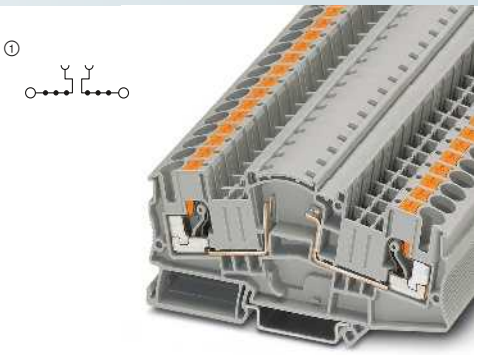
Accessories[1])		

Cover, width: 2.2 mm	gray

Component terminal blocks for self-soldering-in of components

Notes:

[1]) For additional accessories and technical data, see page 104.



Terminal block, for soldering in a component

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**8.2**	**100.8**	**60 (NS 35/7,5)**	
Maximum electrical data			$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
			500	**0.5 - 10**	**-**
Maximum bridge current	[A]	32			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	30 / 6	- / -	- / -	- / -
General data					
Stripping length	[mm]	12			

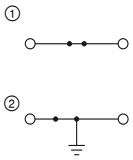
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, component can be soldered in	gray	**PTME 6-BE**	①	3035687	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-DTME 6**		3034426	10

Installation terminal blocks





51 A, feed-through terminal block

Notes:

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products

[1]) For additional accessories and technical data, see page 104.

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	**66**	**50 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		51	**800**	**0.5 - 10** / **-**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	-	- / -
Nominal current / cross section	[A] / [mm²]	41 / 6	- / -	- / - / - / -
General data				
Stripping length	[mm]	12		

Ordering data

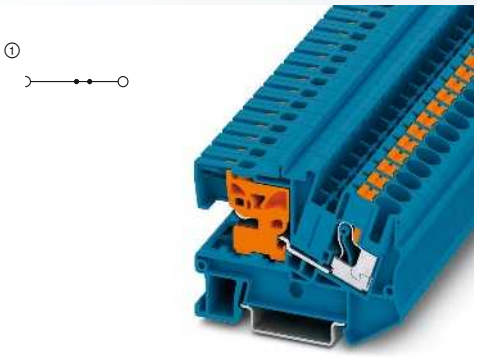
Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Neutral disconnect terminal block	blue

Type		Order No.	Pcs./Pkt.
PTI 6	①	3213972	50
PTI 6 BU	①	3213973	50
PTI 6-PE	②	3213966	50

Accessories[1])

Description	Color
Cover, width: 2.2 mm	gray
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue

Type	Order No.	Pcs./Pkt.
D-DTI 6	3034947	50
AB-PTI 6	3214008	50



51 A, neutral disconnect terminal block

Technical data[1])			
Width	Length	Height	
8.2	**66.3**	**50 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
51	**400**	**0.5 - 10**	**-**
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	-	-	-
41 / 6	- / -	- / -	- / -
12			

Ordering data			
Type		**Order No.**	Pcs./Pkt.
PTN 6	①	**3213967**	50

Accessories[1])		
D-PTN 6	**3213979**	50
AB-PTI 6	**3214008**	50

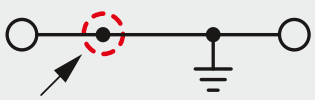
10 mm² PT Push-in connection terminal blocks

General technical data for 10 mm² PT Push-in connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm²]	10			
Cross section range	AWG	20 - 6			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 10
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 4
Connection cross sections directly plugged in	[mm²]	1 - 16	-	4 - 10	2.5 - 10
General data					
Stripping length	[mm]	18			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



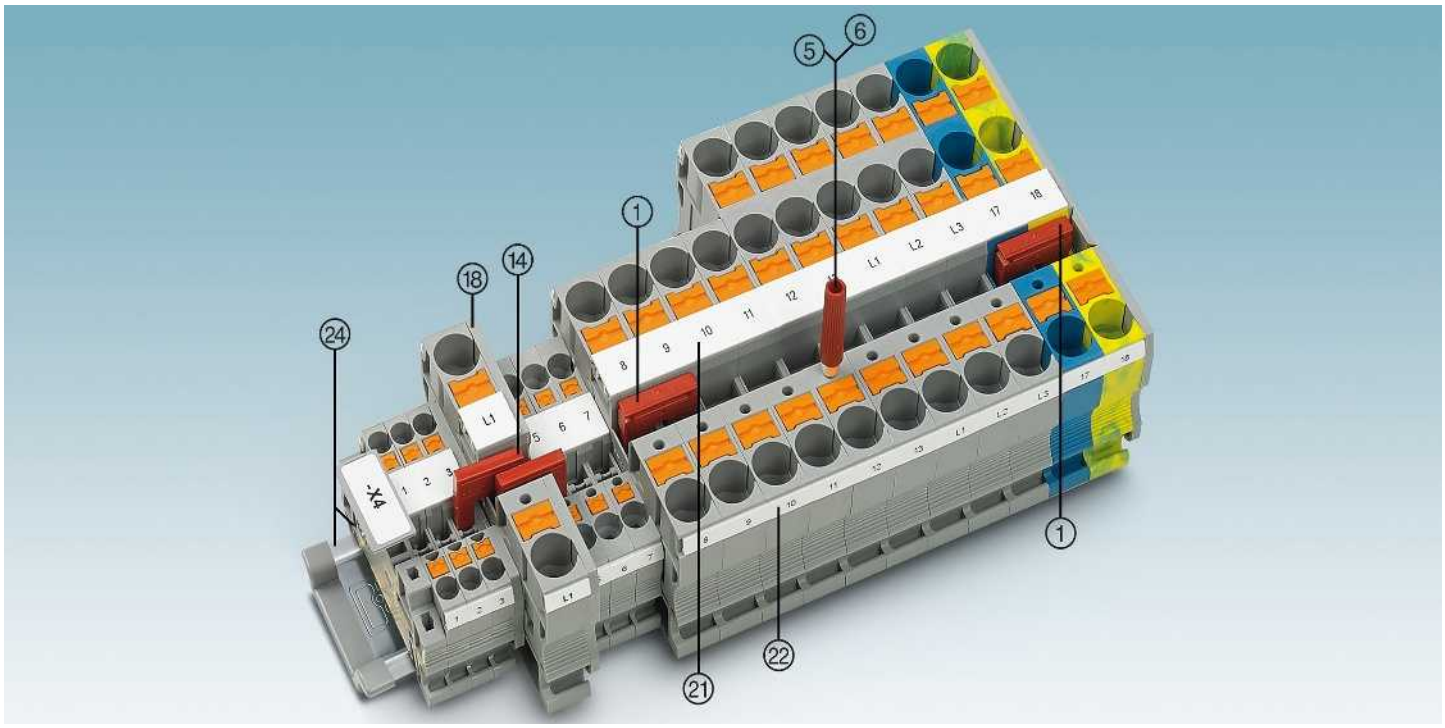
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 10 mm² PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-10**	3005947	10			
	5	red	**FBS 5-10**	3005948	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

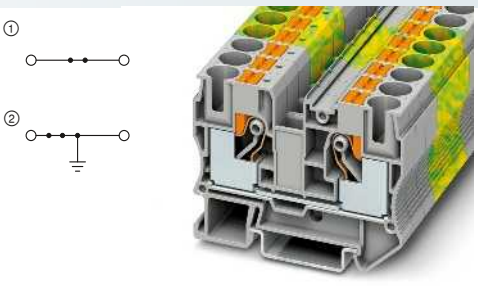
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 10, UCT-TMF 10 or ZBF 10. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 114.

For information on installation and using accessories for Ex applications, see page 644.



70 A, feed-through terminal block

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

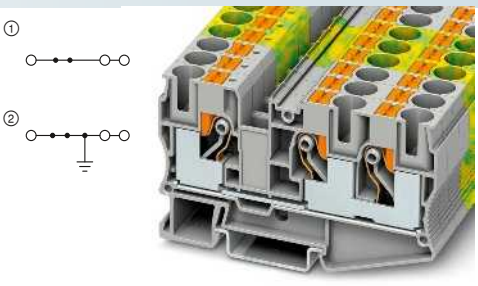
Dimensions				
	[mm]	Width	Length	Height
		10.2	**67.7**	**50.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		70	**1000**	**0.5 - 16** / **20-6**
Maximum bridge current	[A]	57		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 550
Nominal current / cross section	[A] / [mm²]	57 / 10	60 / -	55 / - / 52.5 / 10

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 10**	①	3212120	50
	blue	**PT 10 BU**	①	3212123	50
Ground terminal	green-yellow	**PT 10-PE**	②	3212131	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 10**	3212057	50



70 A, feed-through terminal block, 3 connections

Ex: EAC Ex

SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		10.2	**88.9**	**50.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		70	**1000**	**0.5 - 16** / **20-6**
Maximum bridge current	[A]	57		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 550
Nominal current / cross section	[A] / [mm²]	57 / 10	60 / -	55 / - / 48.5 / 10

Ordering data

Type		Order No.	Pcs./Pkt.
PT 10-TWIN	①	3208746	50
PT 10-TWIN BU	①	3208747	50
PT 10-TWIN-PE	②	3208745	50

Accessories[1])

D-PT 10-TWIN	3208748	50

PT 10,3-HESI 1000V lever-type fuse terminal blocks for photovoltaics

Notes:

[1]) For additional accessories and technical data, see page 114.

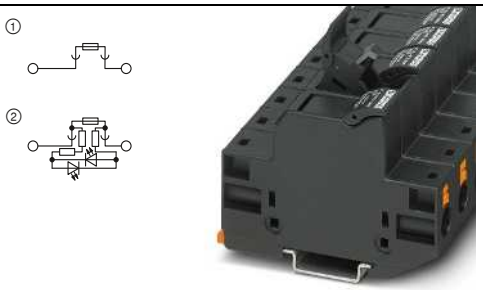
For tools for stripping and crimping solar cables and connectors, see Catalog 3.

For disconnect terminal blocks with 1000 V and PTME ... HV diode terminal blocks, see from page 108.

For detailed information on PV applications and power dissipation data, see phoenixcontact.net/products

For matching fuse-links, refer to page 465.

For further fuse-links with UL approval, see phoenixcontact.net/products



20 A, 1000 V, lever-type fuse terminal block for 10.3 x 38 mm midget fuses

Technical data[1])

Dimensions					
	[mm]	Width	Length	Height	
		17.6	**87**	**63 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**1000**	**1.5 - 10**	**-**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	-	-	-
Nominal current / cross section	[A] / [mm²]	20 / 10	- / -	- / -	- / -
Cross section range	AWG	16 - 6	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 10	1.5 - 10	1.5 - 10	1.5 - 10
Connection cross sections directly plugged in	[mm²]	1.5 - 10	-	4 - 10	2.5 - 10

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Fuse terminal block	black	**PT 10,3-HESI 1000V**	①	3062142	10
With LED for 400 - 1000 V DC	black	**PT 10,3-HESILED 1000V**	②	3062143	10

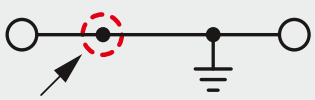
16 mm² PT Push-in connection terminal blocks

General technical data for 16 mm² PT Push-in connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	16			
Cross section range	AWG	20 - 4			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 25	0.5 - 16	0.5 - 16	0.5 - 16
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 4
Connection cross sections directly plugged in	[mm²]	2.5 - 25	-	2.5 - 16	2.5 - 16
General data					
Stripping length	[mm]	18			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



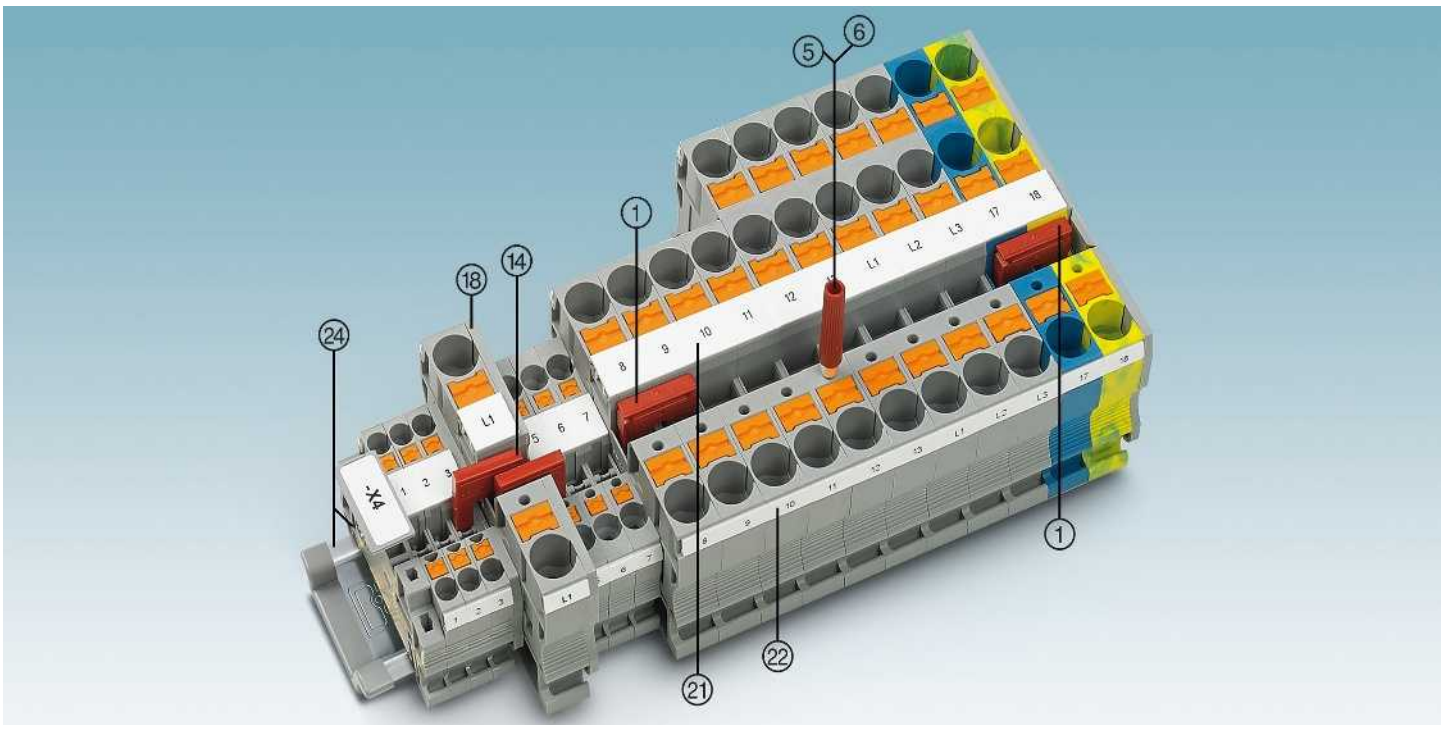
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 16 mm² PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-12**	3005950	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

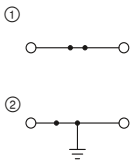
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 12, UCT-TMF 12 or ZBF 12. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 116.

For information on installation and using accessories for Ex applications, see page 644.





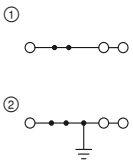
85 A, feed-through terminal block

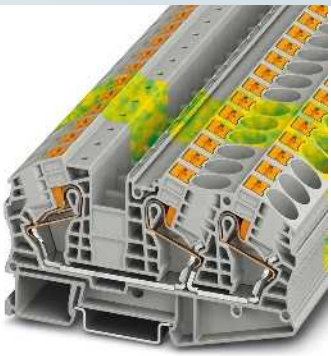
Ex: SEV13ATEX0159U / IECEx SEV13.0005U

Dimensions		Technical data[1])			
		Width	Length	Height	
	[mm]	**12.2**	**75.4**	**52.6 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		85	**1000**	**0.5 - 25**	**20-4**
Maximum bridge current	[A]	76			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	550
Nominal current / cross section	[A] / [mm²]	76 / 16	85 / -	70 / -	65.5

Description	Color	Ordering data			
		Type		**Order No.**	Pcs./Pkt.
Terminal block	gray	**PT 16 N**	①	3212138	50
	blue	**PT 16 N BU**	①	3212142	50
Ground terminal	green-yellow	**PT 16 N-PE**	②	3212147	50

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-PT 16 N**	3212060	50





85 A, feed-through terminal block, 3 connections

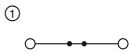
Ex: SEV13ATEX0159U / IECEx SEV13.0005U

Technical data[1])			
Width	Length	Height	
12.2	**100.2**	**52.6 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
85	**1000**	**0.5 - 25**	**20-4**
76			
IEC	UL / CUL	CSA	Ex
1000	600	600	550
76 / 16	85 / -	70 / -	65.5

Ordering data			
Type		**Order No.**	Pcs./Pkt.
PT 16-TWIN N	①	3208760	25
PT 16-TWIN N BU	①	3208773	25
PT 16-TWIN N-PE	②	3208786	25

Accessories[1])		
D-PT 16-TWIN N	3208799	50

Installation terminal blocks





76 A, feed-through terminal block

Notes:

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products

[1]) For additional accessories and technical data, see page 116.

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		10.2	**77.7**	**51.1 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		76	**500**	**0.5 - 16** / **-**
Maximum bridge current	[A]	57		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	-	- / -
Nominal current / cross section	[A] / [mm²]	76 / 10	- / -	- / - / - / -
Rated cross section	[mm²]	10		
Cross section range	AWG	24 - 4	-	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.5 - 16	0.5 - 16	0.5 - 16 / 0.5 - 16
Connection cross sections directly plugged in	[mm²]	1 - 16	-	4 - 16 / 2.5 - 16

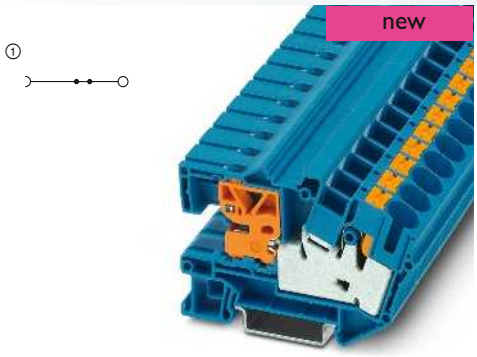
Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Terminal block		gray	**PTI 16/S**	1	3214029	50
		blue	**PTI 16/S BU**	1	3214023	50
Ground terminal		green-yellow	**PTI 16/S-PE**	1	3214024	50
Neutral disconnect terminal block		blue				

Accessories[1])

Cover, width: 2.2 mm		gray	**D-PTI 16/S**	3214027	50
Support bracket, to hold the neutral busbar, set every 20 cm, 2.2 mm wide		blue	**AB-PTI 16/S**	3214022	50
Plug-in bridge					
	2	red	**FBS 2-10**	3005947	10
	5	red	**FBS 5-10**	3005948	10

Center and lateral groove marking	**UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)**



68 A, neutral disconnect terminal block

EAC

Technical data[1])

Width	Length	Height	
10.2	**77.7**	**51.1 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
68	**500**	**0.5 - 16**	**-**
57			
IEC	UL / CUL	CSA	Ex
500	-	-	-
68 / 10	- / -	- / -	- / -
10			
24 - 4	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 16	0.5 - 16
1 - 16	-	4 - 16	2.5 - 16

Ordering data

Type		Order No.	Pcs./Pkt.
PTN 16/S	①	3214025	50

Accessories[1])

D-PTN 16/S	3214028	50
AB-PTI 16/S	3214022	50
FBS 2-10	3005947	10
FBS 5-10	3005948	10

UC-TM 10, UCT-TM 10 or ZB 10
(see Catalog 3)

35 mm² PTU hybrid terminal block

Hybrid terminal blocks with screw connection on one side



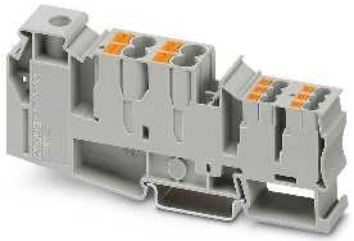
- Simple potential collection or distribution
- Compact, space-saving design
- Can be bridged with standard plug-in bridges
- Easy to test with 2.3 mm standard test connection
- Large-surface marking options

Notes:

In the end application, the applicable safety regulations for overload and short-circuit protection on the connected conductors must be considered.

new

1...4 1...6



105 A, potential collective terminal, 4 inputs 6 mm², 6 inputs 2.5 mm²

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		16.3	**110.4**	**48.8**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] AWG (UL)
		105	**1000**	**1.5 - 50** **-**
Rated data, screw connection		IEC 60947-7-1 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	[V]	1000	-	- -
Nominal current / cross section	[A] / [mm²]	105	-	- -
Cross section range	AWG	16 - 1/0	-	- -
Connection capacity, screw connection		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	1.5 - 50	1.5 - 50	1.5 - 35 1.5 - 35
2 conductors (of the same type)	[mm²]	1.5 - 16	1.5 - 10	1.5 - 10 -
Rated data, 4 Push-in connections, 6 mm²		IEC	UL / CUL	CSA IEC/ EN 60079-7
Nominal current / cross section	[A] / [mm²]	41 / 6	-	- -
Cross section range	AWG	20 - 8	-	- -
Connection capacity, 4 Push-in connections, 6 mm²		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6 0.5 - 6
Connection cross sections directly plugged in	[mm²]	1 - 10	-	1 - 6 1 - 6
Rated data, 6 Push-in connections, 2.5 mm²		IEC	UL / CUL	CSA IEC/ EN 60079-7
Nominal current / cross section	[A] / [mm²]	24 / 2.5	-	- -
Cross section range	AWG	26 - 12	-	- -
Connection capacity, 6 Push-in connections, 2.5 mm²		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 4	0.14 - 2.5	0.14 - 2.5 0.14 - 2.5
Connection cross sections directly plugged in	[mm²]	0.34 - 4	-	0.34 - 2.5 0.34 - 2.5
General data				
Stripping length	[mm]	18		
Screw thread		M6		
Tightening torque	[Nm]	3.2 - 3.7		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		gray	**PTU 35/4X6/6X2,5**		3214080	20
		blue				
		black/yellow				

Accessories

Pick-off terminal block, for snapping into the lateral guide		gray	**AGK 4-UT 35**		3047138	50
Plug-in bridge						
	2	red	**FBS 2-8**	41 A	3030284	10
	3	red	**FBS 3-8**	41 A	3030297	10
	4	red	**FBS 4-8**	41 A	3030307	10
	5	red	**FBS 5-8**	41 A	3030310	10
	10	red	**FBS 10-8**	41 A	3030323	10
Test plug metal part, 2.3 mm Ø		silver	**MPS-MT**		0201744	10
Insulating sleeve, for MPS metal part		red	**MPS-IH RD**		0201676	10
Modular test plug, for the individual assembly of test pin strips		red	**PS-6**		3030996	10
Screwdriver			**SZF 3-1,0X5,5**		1206612	10
Center and lateral groove marking			**UC-TM 16, UCT-TM 16 or ZB 16,3 (see Catalog 3)**			

new

1...4 1...6



105 A, potential collective terminal, 4 inputs 6 mm², 6 inputs 2.5 mm²

Technical data

Width	Length	Height NS 35/7,5	
16.3	**110.4**	**48.8**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
105	**1000**	**1.5 - 50**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
105	-	-	-
16 - 1/0	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
1.5 - 16	1.5 - 10	1.5 - 10	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
41 / 6	-	-	-
20 - 8	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
1 - 10	-	1 - 6	1 - 6
IEC	UL / CUL	CSA	IEC/ EN 60079-7
24 / 2.5	-	-	-
26 - 12	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
18			
M6			
3.2 - 3.7			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
PTU 35/4X6/6X2,5 BU		**3214081**	20

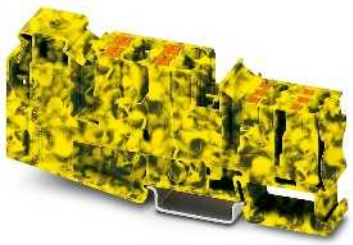
Accessories

AGK 4-UT 35		**3047138**	50
FBS 2-8	41 A	**3030284**	10
FBS 3-8	41 A	**3030297**	10
FBS 4-8	41 A	**3030307**	10
FBS 5-8	41 A	**3030310**	10
FBS 10-8	41 A	**3030323**	10
MPS-MT		**0201744**	10
MPS-IH RD		**0201676**	10
PS-6		**3030996**	10
SZF 3-1,0X5,5		**1206612**	10

UC-TM 16, UCT-TM 16 or ZB 16,3 (see Catalog 3)

new

1...4 1...6



105 A, potential collective terminal, 4 inputs 6 mm², 6 inputs 2.5 mm²

Technical data

Width	Length	Height NS 35/7,5	
16.3	**110.4**	**48.8**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
105	**1000**	**1.5 - 50**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
105	-	-	-
16 - 1/0	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
1.5 - 16	1.5 - 10	1.5 - 10	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
41 / 6	-	-	-
20 - 8	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
1 - 10	-	1 - 6	1 - 6
IEC	UL / CUL	CSA	IEC/ EN 60079-7
24 / 2.5	-	-	-
26 - 12	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
18			
M6			
3.2 - 3.7			
PA			
V0			

Ordering data

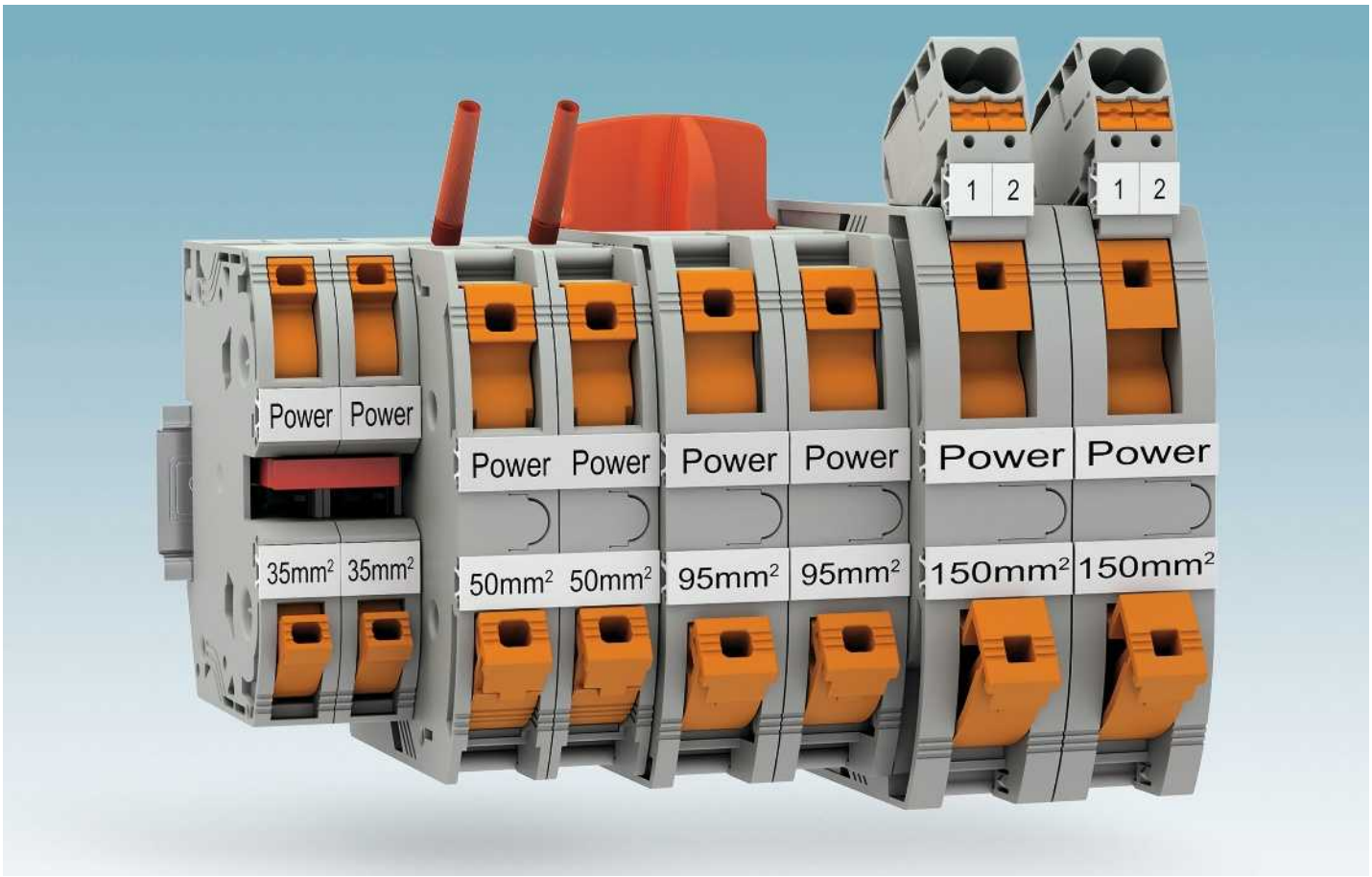
Type	Order No.	Pcs./Pkt.
PTU 35/4X6/6X2,5-FE	**3214082**	20

Accessories

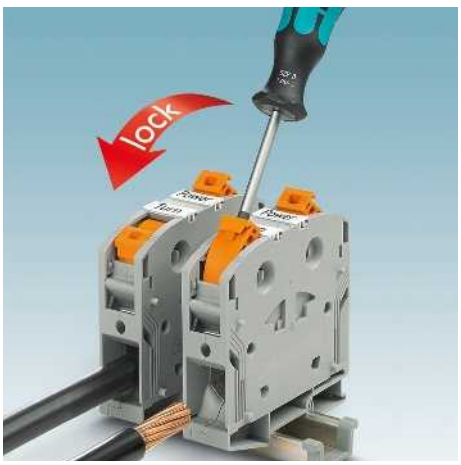
AGK 4-UT 35		**3047138**	50
FBS 2-8		**3030284**	10
FBS 3-8		**3030297**	10
FBS 4-8		**3030307**	10
FBS 5-8		**3030310**	10
FBS 10-8		**3030323**	10
MPS-MT		**0201744**	10
MPS-IH RD		**0201676**	10
PS-6		**3030996**	10
SZF 3-1,0X5,5		**1206612**	10

UC-TM 16, UCT-TM 16 or ZB 16,3 (see Catalog 3)

35 mm² PTPOWER Power-Turn high-current terminal blocks

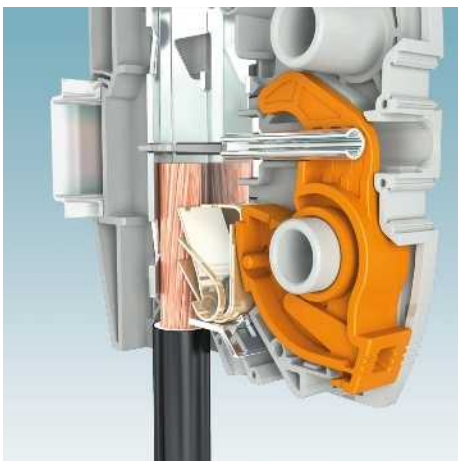


Your web code: #0158



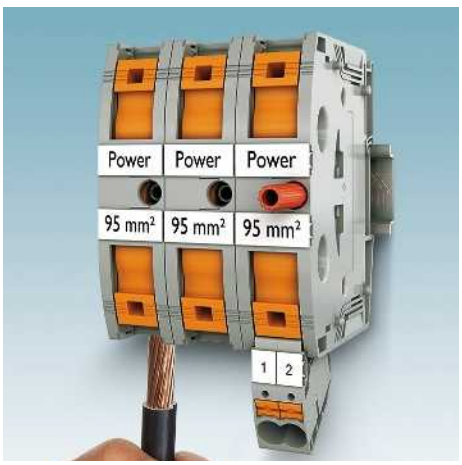
Twist connection

The patented Power-Turn spring connection technology enables large conductors to be connected quickly and easily using a standard screwdriver and a single lever movement.



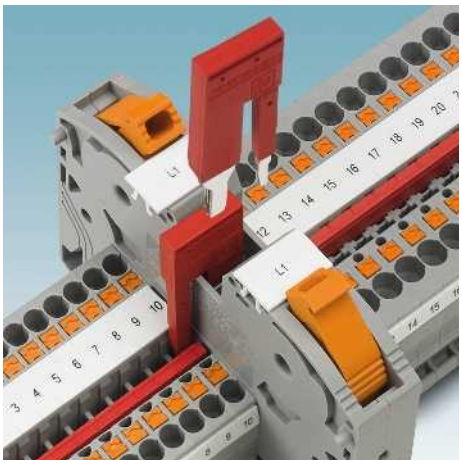
Reliable contact

Up to three high-quality spring steel pressure springs work with the prismatic terminal body base to create a vibration-resistant conductor connection that is stable in the long term.

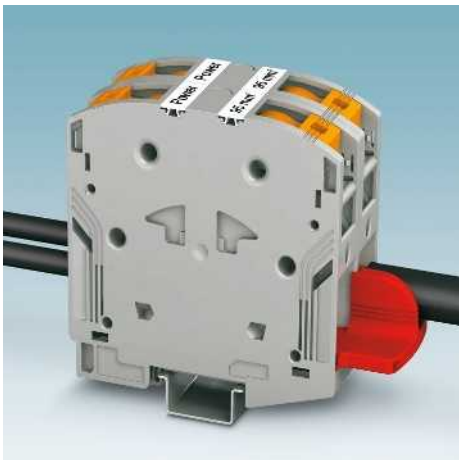


Direct connection

Quick and easy connection is now also possible for large conductors. Alternatively, conductors can also be quickly and easily inserted directly when the lever is closed by means of the Push-in method.



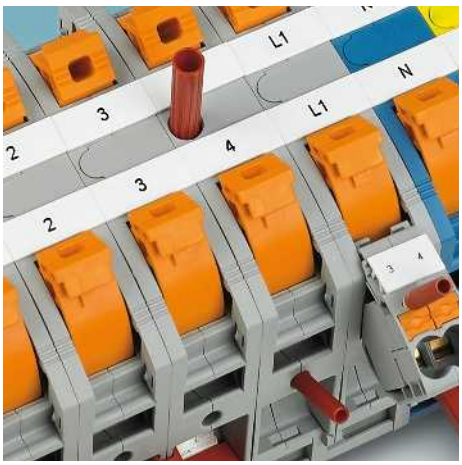
With PTPOWER 35, the reducing bridge enables terminal blocks with different nominal cross sections to be connected easily, e.g., to a PT 2,5 or PT 4 Push-in terminal block. Power blocks can be created quickly using the reducing bridge.



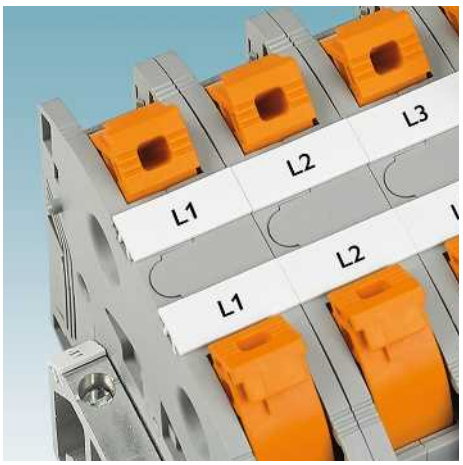
Distribute potentials with the isolated insertion bridges. They can be installed easily without any tools and latch securely in the clamping space. Thanks to their special design, they can also be easily identified following conductor connection.



The fully insulated and optional snap-on tap-off terminal block enables easy voltage tap-off for two conductors up to 16 mm². With large-surface marking option and integrated 2.3 mm test connection.



Test connection on both sides for standard test plugs with a diameter of 2.3 mm. High-current terminal block versions with 4 mm test connection in the terminal center are available for the use of 4 mm test plugs.



Large-surface, clear marking of the terminal points is essential for reliable and time-saving installation. Furthermore, it provides maximum overview in the control cabinet.



Pre-assembled terminal block bases reduce mounting and storage costs. The right terminal block base for DIN rail or direct mounting is available for every function.

Your web code: #0158

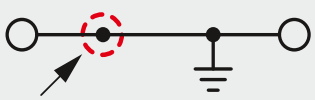
35 mm² PTPOWER Power-Turn high-current terminal blocks

General technical data for 35 mm² PTPOWER Power-Turn high-current terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	35			
Cross section range	AWG	12 - 2			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	2.5 - 35	2.5 - 35	2.5 - 35	2.5 - 35
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	2.5 - 10
Connection cross sections directly plugged in	[mm²]	2.5 - 35	-	2.5 - 35	2.5 - 35
General data					
Stripping length	[mm]	25			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



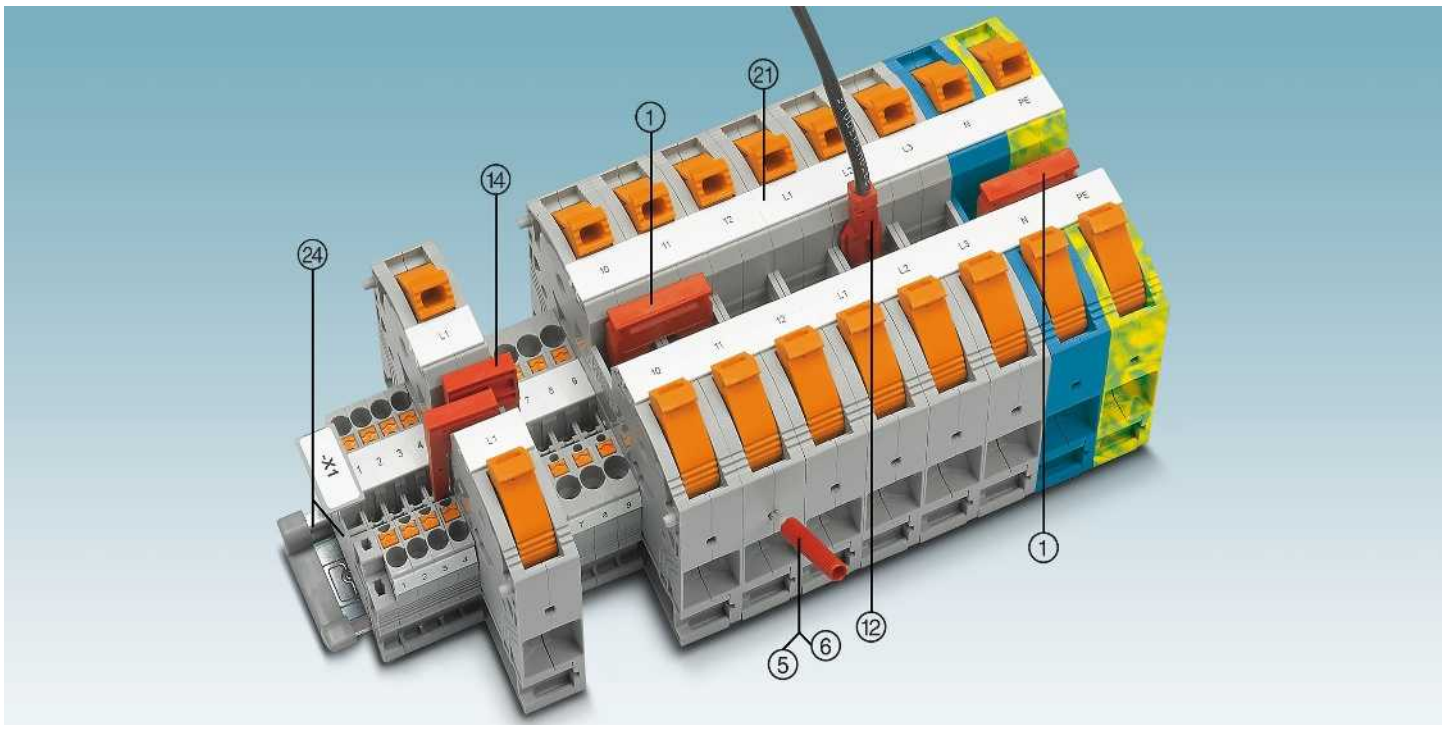
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 35 mm² PTPOWER Power-Turn high-current terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-16**	3005963	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑫ **Test plug,** with 2.5 mm² conductor		red	**PAI-ST 35/1000MM**	3029994	20			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

⑭ **Reducing bridge**	**RB PTPOWER 35-ST(2,5/4) Order No. 3030900 for reduction bridging to ST 2,5 / PT 2,5 or ST 4 / PT 4** **RB PTPOWER 35-ST 16 Order No. 3032170 for reduction bridging to ST 16 / PT 16**
㉑ **Center groove marking**	**UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

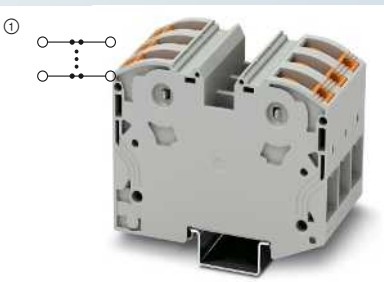
High-current terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 124.



125 A, feed-through terminal block



125 A, terminal block base

DNV GL

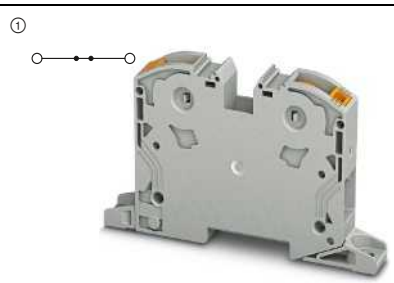
		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**16**	**91.6**	**69.8 (NS 35/7,5)**		**48**	**91.6**	**69.8 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		125	**1000**	**2.5 - 35**	**-**	**125**	**1000**	**2.5 - 35**	**-**
Maximum bridge current	[A]	101				101			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	-	1000	-	1000	-	1000	-
Nominal current / cross section	[A] / [mm²]	125	- / -	115 / -	- / -	125	- / -	115 / -	- / -

Description	Color	Ordering data: Type		Order No.	Pcs./Pkt.	Ordering data: Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTPOWER 35**	①	3212064	10				
	blue	**PTPOWER 35 BU**	①	3212065	10				
	black/yellow	**PTPOWER 35-FE**	①	3212081	10				
Ground terminal	green-yellow	**PTPOWER 35-PE**	②	3212066	10				
Terminal block base, 3 x gray	gray					**PTPOWER 35-3L**	①	3212068	3
3 x gray, 1 x blue	gray/blue					**PTPOWER 35-3L/N**	①	3212069	2
3 x gray, 1 x black-yellow	gray/black-yellow					**PTPOWER 35-3L/FE**	①	3212070	2
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow					**PTPOWER 35-3L/N/FE**	①	3212071	2

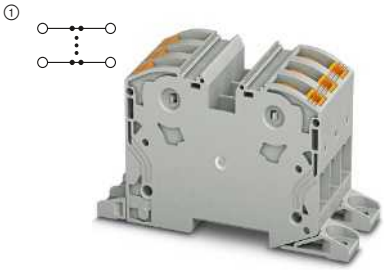
High-current terminal blocks for direct mounting

Notes:

[1]) For additional accessories and technical data, see page 124.



125 A, feed-through terminal block for direct mounting



125 A, terminal block base for direct mounting

DNV GL

		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**16**	**120.2**	**68.3**		**48**	**120.2**	**68.3**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		125	**1000**	**2.5 - 35**	**-**	**125**	**1000**	**2.5 - 35**	**-**
Maximum bridge current	[A]	101				101			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	-	1000	-	1000	-	1000	-
Nominal current / cross section	[A] / [mm²]	125	- / -	115 / -	- / -	125	- / -	115 / -	- / -

Description	Color	Ordering data: Type		Order No.	Pcs./Pkt.	Ordering data: Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	**PTPOWER 35-F**	①	3212078	10				
	blue	**PTPOWER 35-F BU**	①	3212079	10				
	black/yellow	**PTPOWER 35-FE-F**	①	3212082	10				
Terminal block base, for direct mounting, 3 x gray	gray					**PTPOWER 35-3L-F**	①	3212072	3
3 x gray, 1 x blue	gray/blue					**PTPOWER 35-3L/N-F**	①	3212073	2
3 x gray, 1 x black-yellow	gray/black-yellow					**PTPOWER 35-3L/FE-F**	①	3212075	2
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow					**PTPOWER 35-3L/N/FE-F**	①	3212076	2

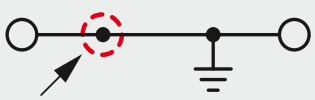
50 mm² PTPOWER Power-Turn high-current terminal blocks

General technical data for 50 mm² PTPOWER Power-Turn high-current terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	50			
Cross section range	AWG	8 - 2/0			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	10 - 70	10 - 70	10 - 50	10 - 50
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	10 - 16
Connection cross sections directly plugged in	[mm²]	10 - 70	-	10 - 50	10 - 50
Max. cross section with insertion bridge	[mm²]	50	50	-	-
General data					
Stripping length	[mm]	30			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



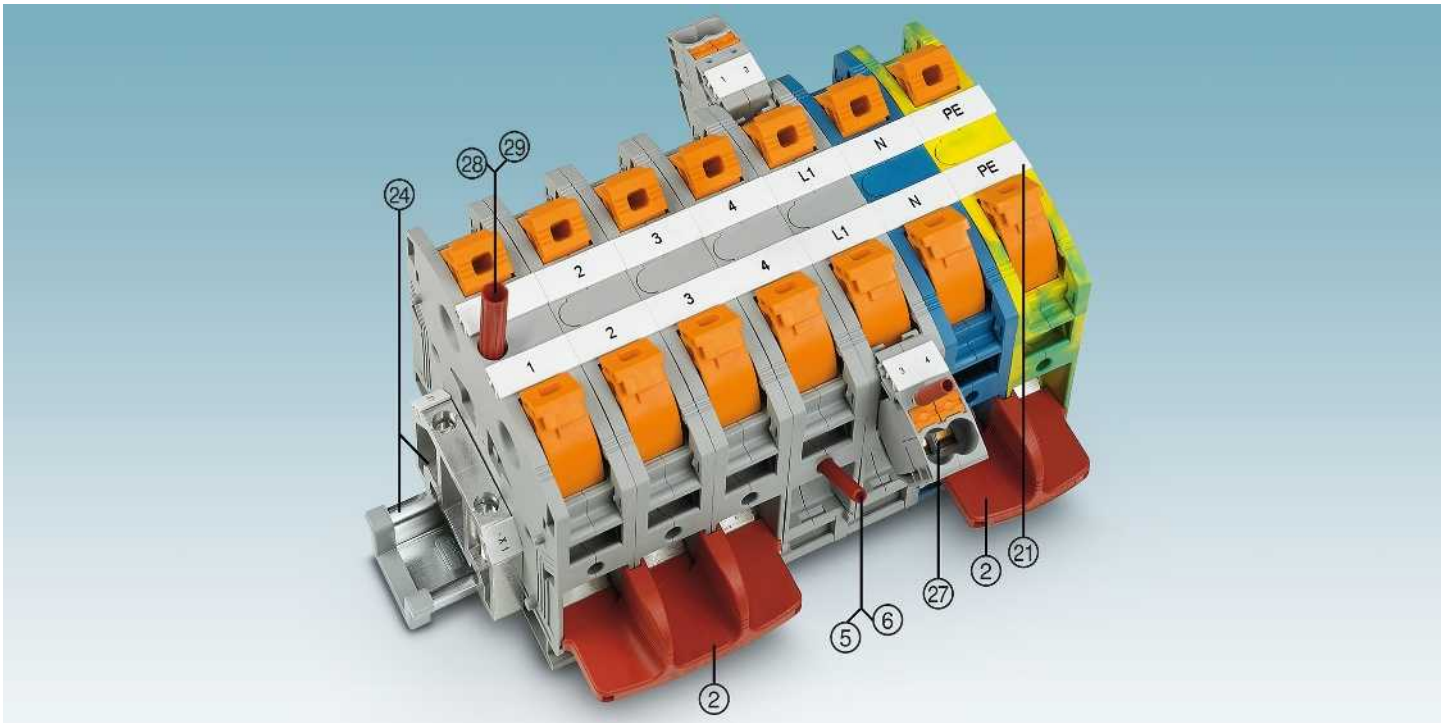
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 50 mm² PTPOWER Power-Turn high-current terminal blocks



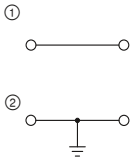
Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② **Insertion bridge**[1])	2	red	**EB 2-20/PT**	3260067	10			
	3	red	**EB 3-20/PT**	3260068	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
㉗ **Tap-off terminal block**		gray	**AGK 10-PTPOWER**	3260145	10			
		blue	**AGK 10-PTPOWER BU**	3260148	10			
		green/yellow	**AGK 10-PTPOWER GN/YE**	3260151	10			
		black/yellow	**AGK 10-PTPOWER BK/YE**	3260154	10			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

㉑ **Center groove marking**	**UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉘㉙ **Test plug**	**For MPS-MT/ 4MM and PS-IH RD, see page 404.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

High-current terminal blocks

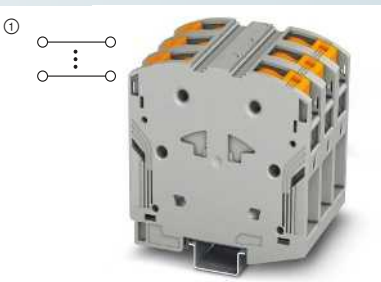
Notes:

[1]) For additional accessories and technical data, see page 126.





150 A, feed-through terminal block



150 A, terminal block base

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**20**	**101**	**105 (NS 35/15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		150	**1500**	**10 - 70**	**8-1/0**
Maximum bridge current	[A]	150			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1500	1000	1000	-
Nominal current / cross section	[A] / [mm²]	150	140 / -	140 / -	- / -

Technical data[1])

		Width	Length	Height	
		60	**101**	**105 (NS 35/15)**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		150	**1500**	**10 - 70**	**8-1/0**
		150			
		IEC	UL / CUL	CSA	Ex
		1500	1000	1000	-
		150	140 / -	140 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTPOWER 50**	①	3260050	10
	blue	**PTPOWER 50 BU**	①	3260051	10
	black/yellow	**PTPOWER 50-FE**	①	3260063	10
with 4 mm test connection	gray	**PTPOWER 50 P**	①	3260065	10
Ground terminal	green-yellow	**PTPOWER 50-PE**	②	3260052	10
Terminal block base, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

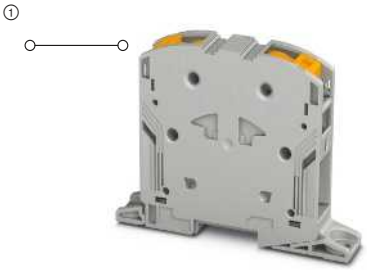
Ordering data

Type		Order No.	Pcs./Pkt.
PTPOWER 50-3L	①	3260053	3
PTPOWER 50-3L/N	①	3260054	3
PTPOWER 50-3L/FE	①	3260055	3
PTPOWER 50-3L/N/FE	①	3260056	2

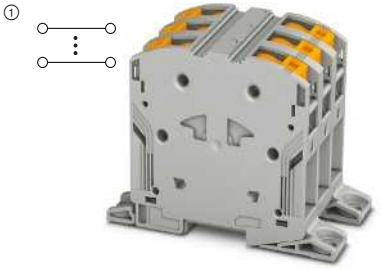
High-current terminal blocks for direct mounting

Notes:

[1]) For additional accessories and technical data, see page 126.



150 A, feed-through terminal block for direct mounting



150 A, terminal block base for direct mounting

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**20**	**101**	**96**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		150	**1500**	**10 - 70**	**8-1/0**
Maximum bridge current	[A]	150			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1500	1000	1000	-
Nominal current / cross section	[A] / [mm²]	150	140 / -	140 / -	- / -

Technical data[1])

		Width	Length	Height	
		60	**101**	**96**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		150	**1500**	**10 - 70**	**8-1/0**
		150			
		IEC	UL / CUL	CSA	Ex
		1500	1000	1000	-
		150	140 / -	140 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	**PTPOWER 50-F**	①	3260061	10
	blue	**PTPOWER 50-F BU**	①	3260062	10
	black/yellow	**PTPOWER 50-FE-F**	①	3260064	10
Terminal block base, for direct mounting, with three gray feed-through terminal blocks	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

Ordering data

Type		Order No.	Pcs./Pkt.
PTPOWER 50-3L-F	①	3260057	3
PTPOWER 50-3L/N-F	①	3260058	3
PTPOWER 50-3L/FE-F	①	3260059	3
PTPOWER 50-3L/N/FE-F	①	3260060	2

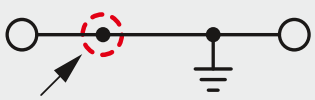
95 mm² PTPOWER Power-Turn high-current terminal blocks

General technical data for 95 mm² PTPOWER Power-Turn high-current terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	95			
Cross section range	AWG	4 - 3/0			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	25 - 95	25 - 95	25 - 95	25 - 95
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plugged in	[mm²]	25 - 95	-	25 - 95	25 - 95
Max. cross section with insertion bridge	[mm²]	95	70	-	-
General data					
Stripping length	[mm]	40			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



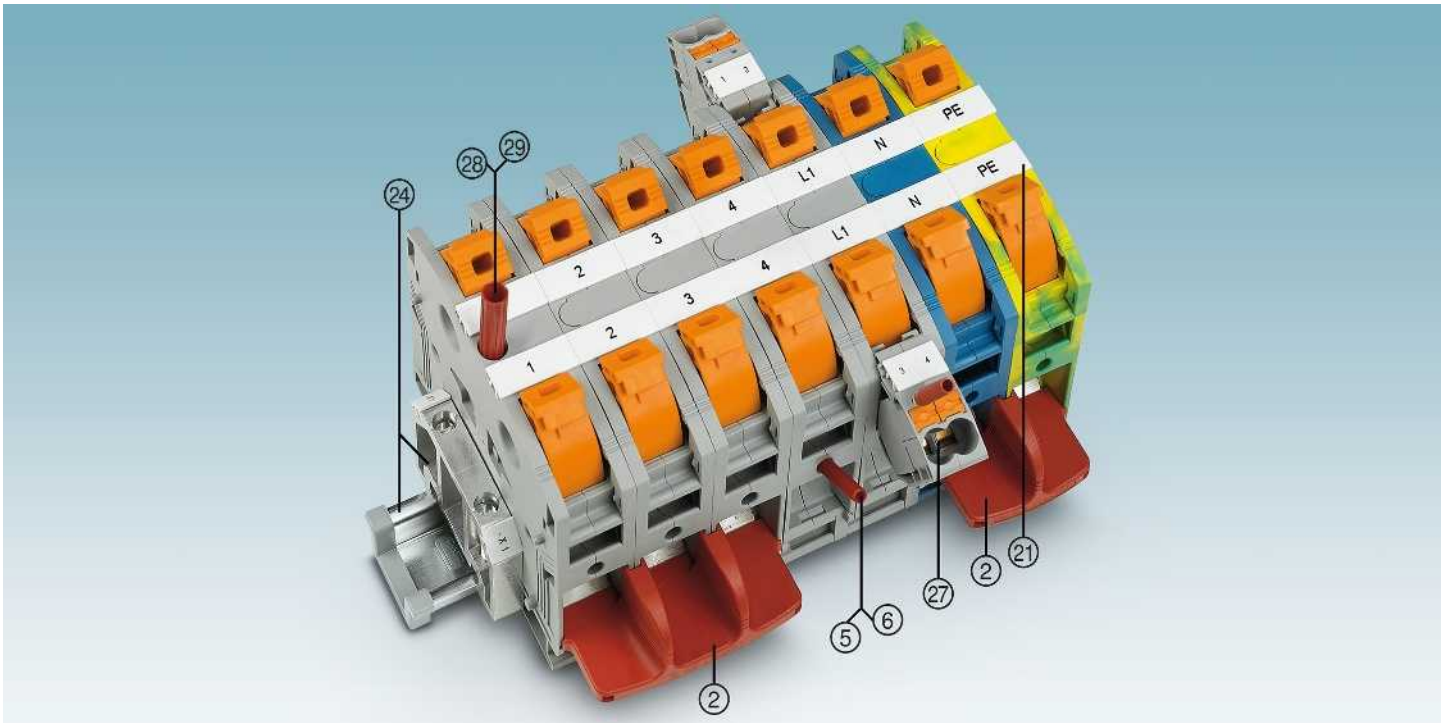
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 95 mm² PTPOWER Power-Turn high-current terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② **Insertion bridge**¹)	2	red	**EB 2-25/PT**	3260157	10			
	3	red	**EB 3-25/PT**	3260160	10			
	4	red	**EB 4-25/PT**	3260161	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
㉗ **Tap-off terminal block**		gray	**AGK 10-PTPOWER**	3260145	10			
		blue	**AGK 10-PTPOWER BU**	3260148	10			
		green/yellow	**AGK 10-PTPOWER GN/YE**	3260151	10			
		black/yellow	**AGK 10-PTPOWER BK/YE**	3260154	10			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

㉑ **Center groove marking**	**UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉘㉙ **Test plug**	**For MPS-MT/ 4MM and PS-IH RD, see page 404.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

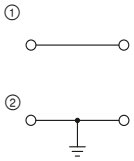
95 mm² PTPOWER Power-Turn high-current terminal blocks

High-current terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 128.

For information on installation and using accessories for Ex applications, see page 644.





232 A, feed-through terminal block



232 A, terminal block base

Ex: EAC Ex

SEV14ATEX0156U / IECExSEV14.0013U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		25	105.5	108.7 (NS 35/15)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		232	1500	25 - 95	-
Maximum bridge current	[A]	150			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1500	-	1000	1100
Nominal current / cross section	[A] / [mm²]	232 / 95	- / -	230 / -	215 / 95

Technical data[1])

Width	Length	Height		
75	105.5	108.7 (NS 35/15)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
232	1500	25 - 95	-	
150				
IEC	UL / CUL	CSA	Ex	
1500	-	1000	-	
232 / 95	- / -	230 / -	- / -	

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTPOWER 95**	①	3260100	10
	blue	**PTPOWER 95 BU**	①	3260103	10
	black/yellow	**PTPOWER 95-FE**	①	3260139	10
with 4 mm test connection	gray	**PTPOWER 95 P**	①	3260163	10
Ground terminal	green-yellow	**PTPOWER 95-PE**	②	3260106	10
Terminal block base, 3 x gray	gray				
3 x gray	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

Ordering data

Type		Order No.	Pcs./Pkt.
PTPOWER 95-3L	①	3260109	3
PTPOWER 95-3L/N	①	3260112	2
PTPOWER 95-3L/FE	①	3260115	2
PTPOWER 95-3L/N/FE	①	3260118	2

High-current terminal blocks for direct mounting

Notes:

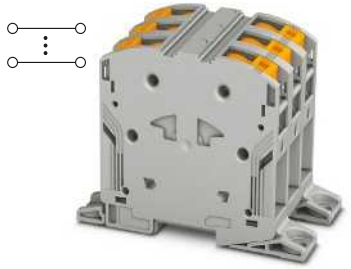
[1]) For additional accessories and technical data, see page 128.

For drilling diagram, see phoenixcontact.net/products

For information on installation and using accessories for Ex applications, see page 644.



232 A, feed-through terminal block, for direct mounting



232 A, terminal block base for direct mounting

Ex: EAC Ex

SEV14ATEX0156U / IECExSEV14.0013U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		25	139.1	99.8
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		232	1500	25 - 95	-
Maximum bridge current	[A]	150			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1500	-	1000	1100
Nominal current / cross section	[A] / [mm²]	232 / 95	- / -	230 / -	215 / 95

Technical data[1])

Width	Length	Height		
75	139.1	99.8		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
232	1500	25 - 95	-	
150				
IEC	UL / CUL	CSA	Ex	
1500	-	1000	-	
232 / 95	- / -	230 / -	- / -	

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	**PTPOWER 95-F**	①	3260133	10
	blue	**PTPOWER 95-F BU**	①	3260136	10
	black/yellow	**PTPOWER 95-FE-F**	①	3260142	10
Terminal block base, for direct mounting, with three gray feed-through terminal blocks	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

Ordering data

Type		Order No.	Pcs./Pkt.
PTPOWER 95-3L-F	①	3260121	3
PTPOWER 95-3L/N-F	①	3260124	2
PTPOWER 95-3L/FE-F	①	3260127	2
PTPOWER 95-3L/N/FE-F	①	3260130	2

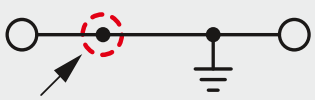
150 mm² PTPOWER Power-Turn high-current terminal blocks

General technical data for 150 mm² PTPOWER Power-Turn high-current terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	150			
Cross section range	AWG	1/0 - 300 kcmil			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	50 - 150	50 - 150	50 - 95	50 - 95
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plugged in	[mm²]	50 - 150	-	50 - 95	50 - 95
Max. cross section with insertion bridge	[mm²]	150	150	-	-
General data					
Stripping length	[mm]	40			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



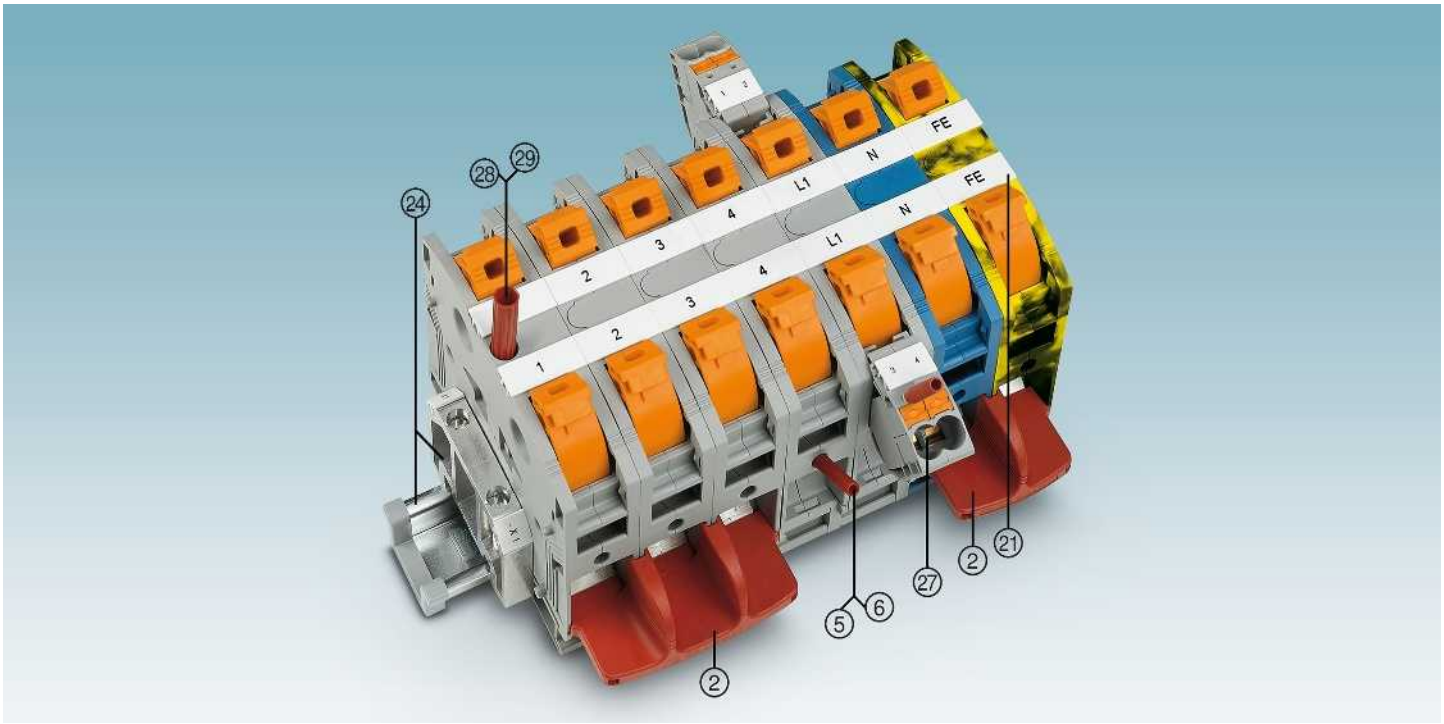
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 150 mm² PTPOWER Power-Turn high-current terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② **Insertion bridge**[1])	2	red	**EB 2-31/PT**	3215057	5			
	3	red	**EB 3-31/PT**	3215058	5			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
㉗ **Tap-off terminal block**		gray	**AGK 10-PTPOWER**	3260145	10			
		blue	**AGK 10-PTPOWER BU**	3260148	10			
		green/yellow	**AGK 10-PTPOWER GN/YE**	3260151	10			
		black/yellow	**AGK 10-PTPOWER BK/YE**	3260154	10			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

㉑ **Center groove marking**	**UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉘㉙ **Test plug**	**For MPS-MT/ 4MM and PS-IH RD, see page 404.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

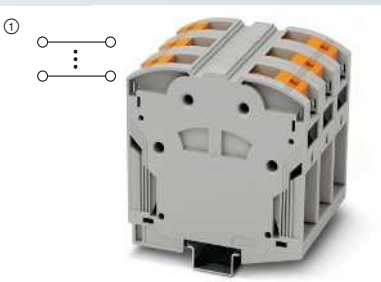
High-current terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 130.



309 A, feed-through terminal block



309 A, terminal block base

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**31**	**116.4**	**116.5 (NS 35/15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		309	**1500**	**50 - 150**	**2-300**
Maximum bridge current	[A]	232			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1500	1000	1000	-
Nominal current / cross section	[A] / [mm²]	309 / 150	270 / -	270 / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**93**	**116.4**	**108.7 (NS 35/15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		309	**1500**	**50 - 150**	**2-300**
Maximum bridge current	[A]	232			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1500	1000	1000	-
Nominal current / cross section	[A] / [mm²]	309 / 150	270 / -	270 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTPOWER 150**	①	3215000	3
	blue	**PTPOWER 150 BU**	①	3215001	3
	black/yellow	**PTPOWER 150-FE**	①	3215002	3
with 4 mm test connection	gray	**PTPOWER 150 P**	①	3215003	3
	blue	**PTPOWER 150 P BU**	①	3215004	3
Terminal block base, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

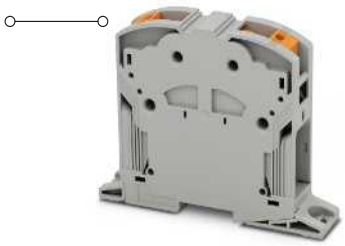
Ordering data

Type		Order No.	Pcs./Pkt.
PTPOWER 150-3L	①	3215005	1
PTPOWER 150-3L/N	①	3215006	1
PTPOWER 150-3L/FE	①	3215007	1
PTPOWER 150-3L/N/FE	①	3215008	1

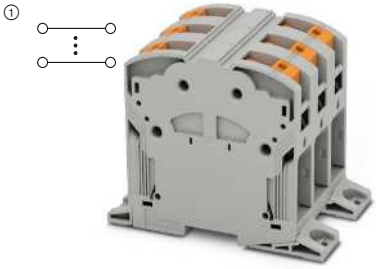
High-current terminal blocks for direct mounting

Notes:

[1]) For additional accessories and technical data, see page 130.



309 A, feed-through terminal block, for direct mounting



309 A, terminal block base for direct mounting

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**31**	**150**	**108.3**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		309	**1500**	**50 - 150**	**2-300**
Maximum bridge current	[A]	232			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1500	1000	1000	-
Nominal current / cross section	[A] / [mm²]	309 / 150	270 / -	270 / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**93**	**150**	**108.3**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		309	**1500**	**50 - 150**	**2-300**
Maximum bridge current	[A]	232			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1500	1000	1000	-
Nominal current / cross section	[A] / [mm²]	309 / 150	270 / -	270 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	**PTPOWER 150 F**	①	3215030	3
	blue	**PTPOWER 150 F BU**	①	3215031	3
	black/yellow	**PTPOWER 150-FE-F**	①	3215032	3
Terminal block base, for direct mounting, with three gray feed-through terminal blocks	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

Ordering data

Type		Order No.	Pcs./Pkt.
PTPOWER 150-3L-F	①	3215033	1
PTPOWER 150-3L/N-F	①	3215034	1
PTPOWER 150-3L/FE-F	①	3215035	1
PTPOWER 150-3L/N/FE-F	①	3215036	1

PTFIX distribution blocks



PTFIX distribution blocks with Push-in connection come ready to connect with different numbers of positions and mounting options. They can be used straight away and expanded as needed. PTFIX thus helps to ensure a flexible and cost-effective distribution of load and control current.

Your web code: #1395



Simply unpack, connect, and you're done!

Ready-to-connect blocks enable fast assembly without manual bridging, offering time savings of up to 80%.



Easy insertion

Up to 50% reduction in insertion forces supports easy and direct insertion of solid and stranded conductors with ferrules with a cross section of 0.25 mm² or higher. Stranded conductors without ferrules can be connected using the push button.



Intuitive and secure installation

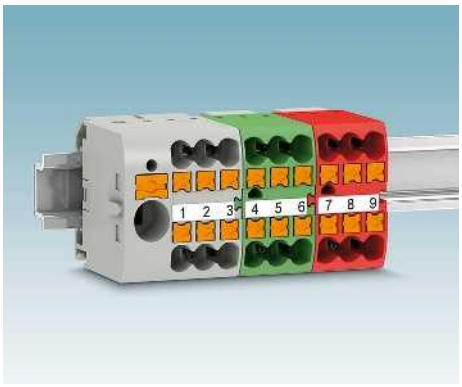
Distribution and power blocks with 6, 12 and 18 terminal points are available for intuitive and secure installation in eleven colors.



Distribution block versions for transverse mounting on the DIN rail enable high wiring density and space savings of up to 50%.



The distribution blocks are mounted on 35 mm standard DIN rails and enable easy-to-see and convenient conductor routing.



Distribution blocks for mounting on 15 mm standard DIN rails are available for use in small junction boxes.



The self-adhesive distribution blocks can be quickly and easily fixed to flat surfaces with no mounting preparation and no tools.



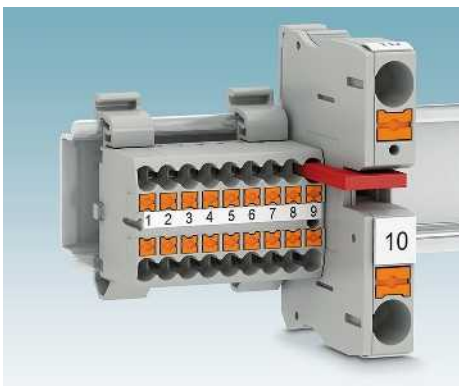
The basic blocks can be individually self-assembled with different adapters or flanges according to the desired mounting type.



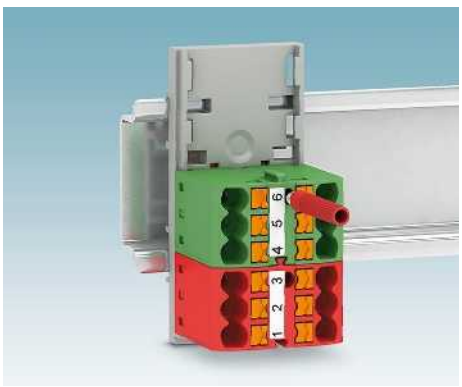
Optional snap-on mounting accessories for direct or DIN rail mounting.



The distribution blocks can be connected in series and individually expanded with the two-pos. plug-in bridges from the CLIPLINE complete system.



The reducing bridge from the CLIPLINE complete system accessories enables easy connection of terminal blocks with different nominal cross sections, e.g., a PT 10 Push-in terminal block.



Convenient testing option with 2.3 mm test plug in easily accessible test opening. Marker strips can be supplied for easy wiring identification.

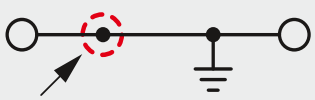
1.5 mm² PTFIX distribution blocks

General technical data for 1.5 mm² PTFIX distribution blocks

Rated data		IEC 60947-7-1 / IEC 60998-1			
Rated cross section	[mm²]	1.5			
Cross section range	AWG	26 - 16			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	0.25 - 1.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plugged in	[mm²]	0.34 - 1.5	-	0.5 - 1.5	0.5 - 1.5
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



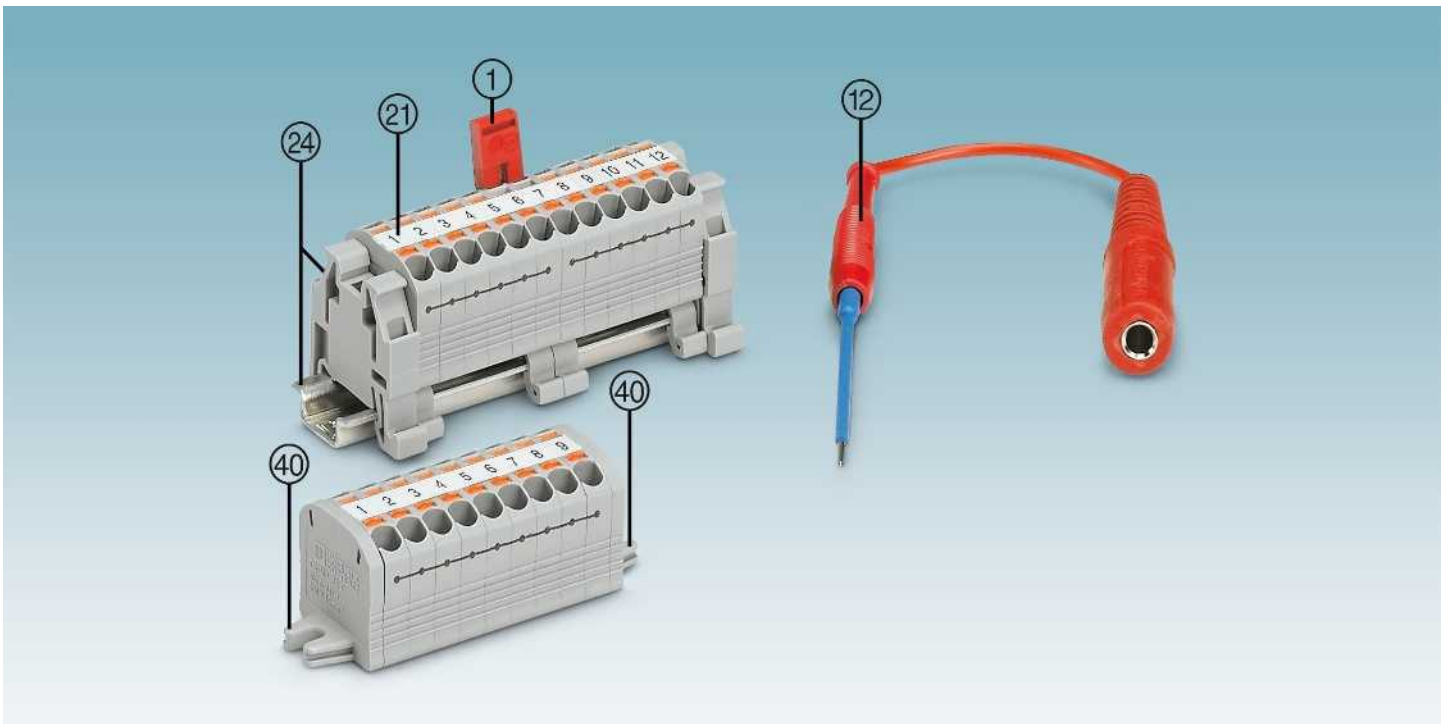
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 1.5 mm² PTFIX distribution blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-4**	3030116	50			
⑫ **Test plug**			**MPS-MT 1-S4-B RD**	1982800	50			
㊵ **Mounting flange**		gray	**PTFIX 1,5-DF**	3003116	40			
Screwdriver			**SZF 0-0,4X2,5**	1204504	10			

㉑ **Center groove marking**	**TML 4,15/3,8 FORTL.ZAHLEN**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

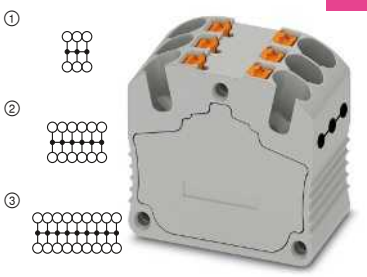
PTFIX ... distribution blocks

The basic blocks can be individually self-assembled with different adapters or flanges according to the desired mounting type.

Notes:

[1]) For additional accessories and technical data, see page 134.

new



17.5 A, basic blocks, for self-assembly

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		12.6	**21**	**17.6**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5	**500**	**0.14 - 1.5** / **-**
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	-	- / -
Nominal current / cross section	[A] / [mm²]	17.5	- / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Basic block, 6 terminal points	gray	**PTFIX 6X1,5 GY**	①	3002757	20
12 terminal points	gray	**PTFIX 12X1,5 GY**	②	3002758	20
18 terminal points	gray	**PTFIX 18X1,5 GY**	③	3002760	20
6 terminal points	blue	**PTFIX 6X1,5 BU**	①	3002761	20
12 terminal points	blue	**PTFIX 12X1,5 BU**	②	3002763	20
18 terminal points	blue	**PTFIX 18X1,5 BU**	③	3002764	20
6 terminal points	red	**PTFIX 6X1,5 RD**	①	3002765	20
12 terminal points	red	**PTFIX 12X1,5 RD**	②	3002766	20
18 terminal points	red	**PTFIX 18X1,5 RD**	③	3002767	20
6 terminal points	yellow	**PTFIX 6X1,5 YE**	①	3002768	20
12 terminal points	yellow	**PTFIX 12X1,5 YE**	②	3002769	20
18 terminal points	yellow	**PTFIX 18X1,5 YE**	③	3002770	20
6 terminal points	green	**PTFIX 6X1,5 GN**	①	3002771	20
12 terminal points	green	**PTFIX 12X1,5 GN**	②	3002772	20
18 terminal points	green	**PTFIX 18X1,5 GN**	③	3002773	20
6 terminal points	brown	**PTFIX 6X1,5 BN**	①	3002774	20
12 terminal points	brown	**PTFIX 12X1,5 BN**	②	3002776	20
18 terminal points	brown	**PTFIX 18X1,5 BN**	③	3002777	20
6 terminal points	white	**PTFIX 6X1,5 WH**	①	3002778	20
12 terminal points	white	**PTFIX 12X1,5 WH**	②	3002779	20
18 terminal points	white	**PTFIX 18X1,5 WH**	③	3002780	20
6 terminal points	black	**PTFIX 6X1,5 BK**	①	3002781	20
12 terminal points	black	**PTFIX 12X1,5 BK**	②	3002782	20
18 terminal points	black	**PTFIX 18X1,5 BK**	③	3002783	20
6 terminal points	violet	**PTFIX 6X1,5 VT**	①	3002784	20
12 terminal points	violet	**PTFIX 12X1,5 VT**	②	3002785	20
18 terminal points	violet	**PTFIX 18X1,5 VT**	③	3002786	20
6 terminal points	pink	**PTFIX 6X1,5 PK**	①	3002787	20
12 terminal points	pink	**PTFIX 12X1,5 PK**	②	3002789	20
18 terminal points	pink	**PTFIX 18X1,5 PK**	③	3002790	20
6 terminal points	orange	**PTFIX 6X1,5 OG**	①	3002792	20
12 terminal points	orange	**PTFIX 12X1,5 OG**	②	3002793	20
18 terminal points	orange	**PTFIX 18X1,5 OG**	③	3002794	20
6 terminal points	black/yellow	**PTFIX 6X1,5-FE**	①	3002795	20
12 terminal points	black/yellow	**PTFIX 12X1,5-FE**	②	3002796	20
18 terminal points	black/yellow	**PTFIX 18X1,5-FE**	③	3002797	20

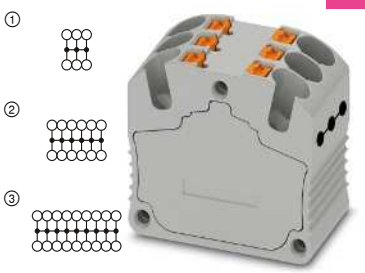
PTFIX ... distribution blocks

– The self-adhesive distribution blocks can be attached quickly and simply to flat surfaces with no preparation
– Distribution blocks are available for mounting onto 15 mm standard DIN rails for use in small junction boxes

Notes:

For additional accessories and technical data, see page 134.

new



17.5 A, adhesive mounting

Technical data

Dimensions			
Width	Length	Height NS 15	
14.7	**20**	**-**	
Dimensions			
Width	Length	Height	
14.7	**20**	**17.6**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**500**	**0.14 - 1.5**	**-**
Rated data			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500	-	-	-
Nominal current / cross section [A] / [mm²]	17.5 / -	-	-	-

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Basic block, 6 terminal points	gray	**PTFIX 6X1,5-G GY**	①	3002798	20
12 terminal points	gray	**PTFIX 12X1,5-G GY**	②	3002799	20
18 terminal points	gray	**PTFIX 18X1,5-G GY**	③	3002804	20
6 terminal points	blue	**PTFIX 6X1,5-G BU**	①	3002864	20
12 terminal points	blue	**PTFIX 12X1,5-G BU**	②	3002865	20
18 terminal points	blue	**PTFIX 18X1,5-G BU**	③	3002876	20
6 terminal points	red	**PTFIX 6X1,5-G RD**	①	3002877	20
12 terminal points	red	**PTFIX 12X1,5-G RD**	②	3002878	20
18 terminal points	red	**PTFIX 18X1,5-G RD**	③	3002879	20
6 terminal points	yellow	**PTFIX 6X1,5-G YE**	①	3002880	20
12 terminal points	yellow	**PTFIX 12X1,5-G YE**	②	3002881	20
18 terminal points	yellow	**PTFIX 18X1,5-G YE**	③	3002882	20
6 terminal points	green	**PTFIX 6X1,5-G GN**	①	3002883	20
12 terminal points	green	**PTFIX 12X1,5-G GN**	②	3002884	20
18 terminal points	green	**PTFIX 18X1,5-G GN**	③	3002886	20
6 terminal points	brown	**PTFIX 6X1,5-G BN**	①	3002887	20
12 terminal points	brown	**PTFIX 12X1,5-G BN**	②	3002888	20
18 terminal points	brown	**PTFIX 18X1,5-G BN**	③	3002889	20
6 terminal points	white	**PTFIX 6X1,5-G WH**	①	3002890	20
12 terminal points	white	**PTFIX 12X1,5-G WH**	②	3002891	20
18 terminal points	white	**PTFIX 18X1,5-G WH**	③	3002892	20
6 terminal points	black	**PTFIX 6X1,5-G BK**	①	3002893	20
12 terminal points	black	**PTFIX 12X1,5-G BK**	②	3002894	20
18 terminal points	black	**PTFIX 18X1,5-G BK**	③	3002895	20
6 terminal points	violet	**PTFIX 6X1,5-G VT**	①	3002896	20
12 terminal points	violet	**PTFIX 12X1,5-G VT**	②	3002897	20
18 terminal points	violet	**PTFIX 18X1,5-G VT**	③	3002899	20
6 terminal points	pink	**PTFIX 6X1,5-G PK**	①	3002900	20
12 terminal points	pink	**PTFIX 12X1,5-G PK**	②	3002901	20
18 terminal points	pink	**PTFIX 18X1,5-G PK**	③	3002902	20
6 terminal points	orange	**PTFIX 6X1,5-G OG**	①	3002903	20
12 terminal points	orange	**PTFIX 12X1,5-G OG**	②	3002904	20
18 terminal points	orange	**PTFIX 18X1,5-G OG**	③	3002905	20
6 terminal points	black/yellow	**PTFIX 6X1,5-G-FE**	①	3002906	20
12 terminal points	black/yellow	**PTFIX 12X1,5-G-FE**	②	3002907	20
18 terminal points	black/yellow	**PTFIX 18X1,5-G-FE**	③	3002909	20

new



17.5 A, mounting on NS 15 DIN rail, along the DIN rail

Technical data

Width	Length	Height NS 15	
12.6	**21**	**27.2**	
Width	Length	Height	
12.6	**21**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**500**	**0.14 - 1.5**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
17.5 / -	-	-	-

Ordering data

Type		Order No.	Pcs./Pkt.
PTFIX 6X1,5-NS15A GY	①	3002910	20
PTFIX 12X1,5-NS15A GY	②	3002914	20
PTFIX 18X1,5-NS15A GY	③	3002917	20
PTFIX 6X1,5-NS15A BU	①	3002919	20
PTFIX 12X1,5-NS15A BU	②	3002922	20
PTFIX 18X1,5-NS15A BU	③	3002926	20
PTFIX 6X1,5-NS15A RD	①	3002928	20
PTFIX 12X1,5-NS15A RD	②	3002931	20
PTFIX 18X1,5-NS15A RD	③	3002934	20
PTFIX 6X1,5-NS15A YE	①	3002955	20
PTFIX 12X1,5-NS15A YE	②	3002958	20
PTFIX 18X1,5-NS15A YE	③	3002961	20
PTFIX 6X1,5-NS15A GN	①	3002963	20
PTFIX 12X1,5-NS15A GN	②	3002964	20
PTFIX 18X1,5-NS15A GN	③	3002965	20
PTFIX 6X1,5-NS15A BN	①	3002970	20
PTFIX 12X1,5-NS15A BN	②	3002971	20
PTFIX 18X1,5-NS15A BN	③	3002972	20
PTFIX 6X1,5-NS15A WH	①	3002936	20
PTFIX 12X1,5-NS15A WH	②	3002941	20
PTFIX 18X1,5-NS15A WH	③	3002944	20
PTFIX 6X1,5-NS15A BK	①	3002967	20
PTFIX 12X1,5-NS15A BK	②	3002968	20
PTFIX 18X1,5-NS15A BK	③	3002969	20
PTFIX 6X1,5-NS15A VT	①	3002973	20
PTFIX 12X1,5-NS15A VT	②	3002974	20
PTFIX 18X1,5-NS15A VT	③	3002975	20
PTFIX 6X1,5-NS15A PK	①	3002976	20
PTFIX 12X1,5-NS15A PK	②	3002977	20
PTFIX 18X1,5-NS15A PK	③	3002978	20
PTFIX 6X1,5-NS15A OG	①	3002946	20
PTFIX 12X1,5-NS15A OG	②	3002949	20
PTFIX 18X1,5-NS15A OG	③	3002952	20
PTFIX 6X1,5-NS15A-FE	①	3002980	20
PTFIX 12X1,5-NS15A-FE	②	3002981	20
PTFIX 18X1,5-NS15A-FE	③	3002983	20

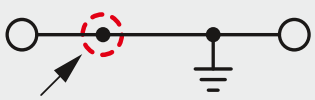
2.5 mm² PTFIX distribution blocks

General technical data for 2.5 mm² PTFIX distribution blocks

Rated data		IEC 60947-7-1 / IEC 60998-1			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plugged in	[mm²]	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



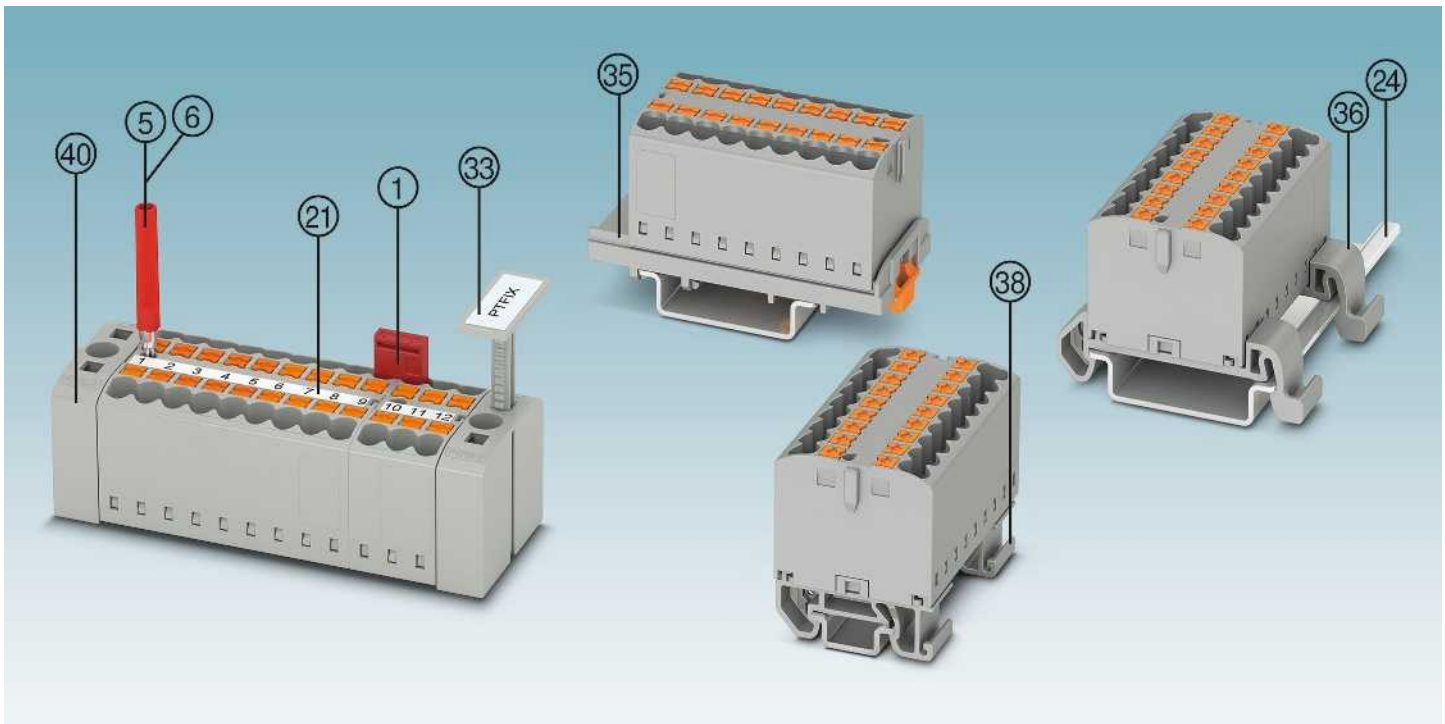
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² PTFIX distribution blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50			
⑤ **Test plug metal part**		silver	**MPS-MT SN**	3212251	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
㉝ **Terminal strip markers**		gray	**KLM 3**	0811969	100			
㉟ **DIN rail adapter**		gray	**PTFIX-NS35**	3274054	20			
㊱ **NS 35 DIN rail adapter**		gray	**PTFIX-NS35A**	3274056	20			
DIN rail adapter with end bracket function, NS 35		gray	**PTFIX-NS35A-FIX**	3274057	20			
㊳ **NS 15 DIN rail adapter**		gray	**PTFIX-NS15A**	3274058	20			
DIN rail adapter with end bracket function, NS 15		gray	**PTFIX-NS15A-FIX**	3274059	20			
㊵ **Mounting flange**		gray	**PTFIX-F**	3274060	20			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

㉑ **Center groove marking**	**TML (... X3.8)R see also Catalog 3.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

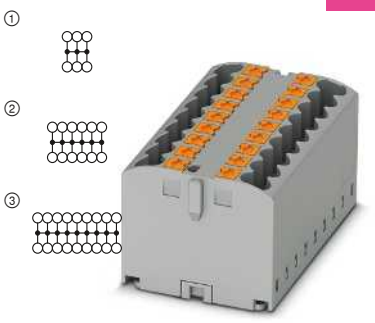
PTFIX ... distribution blocks

The basic blocks can be individually self-assembled with different adapters or flanges according to the desired mounting type.

Notes:

[1]) For additional accessories and technical data, see page 138.

new



24 A, basic blocks, for self-assembly

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		15.6	**28.2**	**21.2**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24	**500**	**0.14 - 4** / **-**
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	-	- / -
Nominal current / cross section	[A] / [mm²]	24	- / -	- / - / - / -

Ordering data

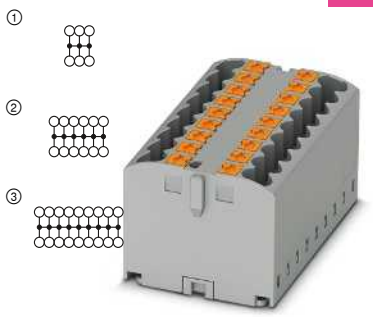
Description	Color	Type		Order No.	Pcs./Pkt.
Basic block, 6 terminal points	gray	**PTFIX 6X2,5 GY**	①	3273264	10
12 terminal points	gray	**PTFIX 12X2,5 GY**	②	3273286	8
18 terminal points	gray	**PTFIX 18X2,5 GY**	③	3273308	8
6 terminal points	blue	**PTFIX 6X2,5 BU**	①	3273266	10
12 terminal points	blue	**PTFIX 12X2,5 BU**	②	3273288	8
18 terminal points	blue	**PTFIX 18X2,5 BU**	③	3273310	8
6 terminal points	red	**PTFIX 6X2,5 RD**	①	3273268	10
12 terminal points	red	**PTFIX 12X2,5 RD**	②	3273290	8
18 terminal points	red	**PTFIX 18X2,5 RD**	③	3273312	8
6 terminal points	yellow	**PTFIX 6X2,5 YE**	①	3273270	10
12 terminal points	yellow	**PTFIX 12X2,5 YE**	②	3273292	8
18 terminal points	yellow	**PTFIX 18X2,5 YE**	③	3273314	8
6 terminal points	green	**PTFIX 6X2,5 GN**	①	3273272	10
12 terminal points	green	**PTFIX 12X2,5 GN**	②	3273294	8
18 terminal points	green	**PTFIX 18X2,5 GN**	③	3273316	8
6 terminal points	brown	**PTFIX 6X2,5 BN**	①	3273274	10
12 terminal points	brown	**PTFIX 12X2,5 BN**	②	3273296	8
18 terminal points	brown	**PTFIX 18X2,5 BN**	③	3273318	8
6 terminal points	white	**PTFIX 6X2,5 WH**	①	3273276	10
12 terminal points	white	**PTFIX 12X2,5 WH**	②	3273298	8
18 terminal points	white	**PTFIX 18X2,5 WH**	③	3273320	8
6 terminal points	black	**PTFIX 6X2,5 BK**	①	3273278	10
12 terminal points	black	**PTFIX 12X2,5 BK**	②	3273300	8
18 terminal points	black	**PTFIX 18X2,5 BK**	③	3273322	8
6 terminal points	violet	**PTFIX 6X2,5 VT**	①	3273280	10
12 terminal points	violet	**PTFIX 12X2,5 VT**	②	3273302	8
18 terminal points	violet	**PTFIX 18X2,5 VT**	③	3273324	8
6 terminal points	orange	**PTFIX 6X2,5 OG**	①	3273282	10
12 terminal points	orange	**PTFIX 12X2,5 OG**	②	3273304	8
18 terminal points	orange	**PTFIX 18X2,5 OG**	③	3273326	8
6 terminal points	black/yellow	**PTFIX 6X2,5-FE**	①	3273284	10
12 terminal points	black/yellow	**PTFIX 12X2,5-FE**	②	3273306	8
18 terminal points	black/yellow	**PTFIX 18X2,5-FE**	③	3273328	8

PTFIX ... distribution blocks

new

Notes:

For additional accessories and technical data, see page 138.



24 A, adhesive mounting

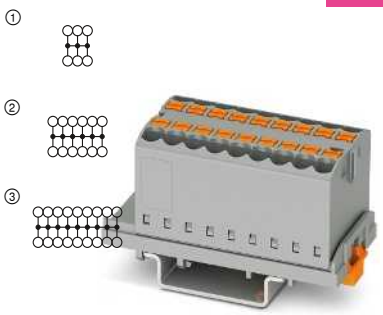
Technical data

Dimensions			
Width	Length	Height NS 35/7,5	
15.6	**28.2**	**-**	
Dimensions			
Width	Length	Height NS 15	
15.6	**28.2**	**-**	
Dimensions			
Width	Length	Height	
15.6	**28.2**	**21.2**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 4**	**-**
Rated data			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500	-	-	-
Nominal current / cross section [A] / [mm²]	24 / -	-	-	-

Ordering data

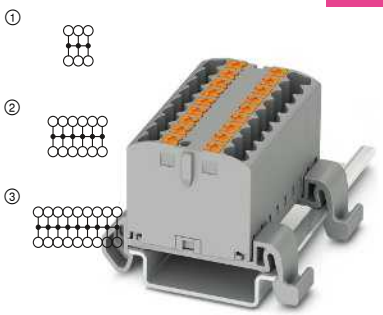
Description	Color	Type		Order No.	Pcs./Pkt.
Basic block, 6 terminal points	gray	**PTFIX 6X2,5-G GY**	①	3273395	10
12 terminal points	gray	**PTFIX 12X2,5-G GY**	②	3273416	8
18 terminal points	gray	**PTFIX 18X2,5-G GY**	③	3273438	8
6 terminal points	blue	**PTFIX 6X2,5-G BU**	①	3273396	10
12 terminal points	blue	**PTFIX 12X2,5-G BU**	②	3273418	8
18 terminal points	blue	**PTFIX 18X2,5-G BU**	③	3273440	8
6 terminal points	blue	**PTFIX 6X2,5-G RD**	①	3273398	10
12 terminal points	red	**PTFIX 12X2,5-G RD**	②	3273420	8
18 terminal points	red	**PTFIX 18X2,5-G RD**	③	3273442	8
6 terminal points	yellow	**PTFIX 6X2,5-G YE**	①	3273400	10
12 terminal points	yellow	**PTFIX 12X2,5-G YE**	②	3273422	8
18 terminal points	yellow	**PTFIX 18X2,5-G YE**	③	3273444	8
6 terminal points	green	**PTFIX 6X2,5-G GN**	①	3273402	10
12 terminal points	green	**PTFIX 12X2,5-G GN**	②	3273424	8
18 terminal points	green	**PTFIX 18X2,5-G GN**	③	3273446	8
6 terminal points	brown	**PTFIX 6X2,5-G BN**	①	3273404	10
12 terminal points	brown	**PTFIX 12X2,5-G BN**	②	3273426	8
18 terminal points	brown	**PTFIX 18X2,5-G BN**	③	3273448	8
6 terminal points	white	**PTFIX 6X2,5-G WH**	①	3273406	10
12 terminal points	white	**PTFIX 12X2,5-G WH**	②	3273428	8
18 terminal points	white	**PTFIX 18X2,5-G WH**	③	3273450	8
6 terminal points	black	**PTFIX 6X2,5-G BK**	①	3273408	10
12 terminal points	black	**PTFIX 12X2,5-G BK**	②	3273430	8
18 terminal points	black	**PTFIX 18X2,5-G BK**	③	3273452	8
6 terminal points	violet	**PTFIX 6X2,5-G VT**	①	3273410	10
12 terminal points	violet	**PTFIX 12X2,5-G VT**	②	3273432	8
18 terminal points	violet	**PTFIX 18X2,5-G VT**	③	3273454	8
6 terminal points	orange	**PTFIX 6X2,5-G OG**	①	3273412	10
12 terminal points	orange	**PTFIX 12X2,5-G OG**	②	3273434	8
18 terminal points	orange	**PTFIX 18X2,5-G OG**	③	3273456	8
6 terminal points	black/yellow	**PTFIX 6X2,5-FE-G**	①	3273414	10
12 terminal points	black/yellow	**PTFIX 12X2,5-FE-G**	②	3273436	8
18 terminal points	black/yellow	**PTFIX 18X2,5-FE-G**	③	3273458	8

new



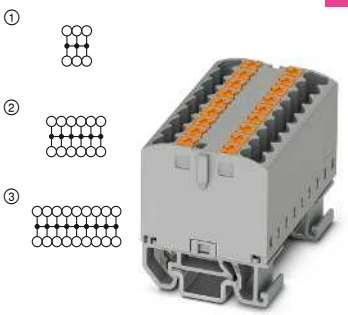
24 A, mounting on NS 35/7,5 DIN rail, perpendicular to the DIN rail

new



24 A, mounting on NS 35/7,5 DIN rail, along the DIN rail

new



24 A, mounting on NS 15 DIN rail, along the DIN rail

Technical data

Width	Length	Height NS 35/7,5	
28.6	**58.1**	**32.1**	
Width	Length	Height NS 15	
28.6	**58.1**	**-**	
Width	Length	Height	
28.6	**58.1**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 4**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
24 / -	-	-	-

Ordering data

Type		Order No.	Pcs./Pkt.
PTFIX 6X2,5-NS35 GY	①	3273000	10
PTFIX 12X2,5-NS35 GY	②	3273022	8
PTFIX 18X2,5-NS35 GY	③	3273044	8
PTFIX 6X2,5-NS35 BU	①	3273002	10
PTFIX 12X2,5-NS35 BU	②	3273024	8
PTFIX 18X2,5-NS35 BU	③	3273046	8
PTFIX 6X2,5-NS35 RD	①	3273004	10
PTFIX 12X2,5-NS35 RD	②	3273026	8
PTFIX 18X2,5-NS35 RD	③	3273048	8
PTFIX 6X2,5-NS35 YE	①	3273006	10
PTFIX 12X2,5-NS35 YE	②	3273028	8
PTFIX 18X2,5-NS35 YE	③	3273050	8
PTFIX 6X2,5-NS35 GN	①	3273008	10
PTFIX 12X2,5-NS35 GN	②	3273030	8
PTFIX 18X2,5-NS35 GN	③	3273052	8
PTFIX 6X2,5-NS35 BN	①	3273010	10
PTFIX 12X2,5-NS35 BN	②	3273032	8
PTFIX 18X2,5-NS35 BN	③	3273054	8
PTFIX 6X2,5-NS35 WH	①	3273012	10
PTFIX 12X2,5-NS35 WH	②	3273034	8
PTFIX 18X2,5-NS35 WH	③	3273056	8
PTFIX 6X2,5-NS35 BK	①	3273014	10
PTFIX 12X2,5-NS35 BK	②	3273036	8
PTFIX 18X2,5-NS35 BK	③	3273058	8
PTFIX 6X2,5-NS35 VT	①	3273016	10
PTFIX 12X2,5-NS35 VT	②	3273038	8
PTFIX 18X2,5-NS35 VT	③	3273060	8
PTFIX 6X2,5-NS35 OG	①	3273018	10
PTFIX 12X2,5-NS35 OG	②	3273040	8
PTFIX 18X2,5-NS35 OG	③	3273062	8
PTFIX 6X2,5-NS35-FE	①	3273020	10
PTFIX 12X2,5-NS35-FE	②	3273042	8
PTFIX 18X2,5-NS35-FE	③	3273064	8

Technical data

Width	Length	Height NS 35/7,5	
15.6	**28.2**	**30.8**	
Width	Length	Height NS 15	
15.6	**28.2**	**-**	
Width	Length	Height	
15.6	**28.2**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 4**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
24 / -	-	-	-

Ordering data

Type		Order No.	Pcs./Pkt.
PTFIX 6X2,5-NS35A GY	①	3273132	10
PTFIX 12X2,5-NS35A GY	②	3273154	8
PTFIX 18X2,5-NS35A GY	③	3273176	8
PTFIX 6X2,5-NS35A BU	①	3273134	10
PTFIX 12X2,5-NS35A BU	②	3273156	8
PTFIX 18X2,5-NS35A BU	③	3273178	8
PTFIX 6X2,5-NS35A RD	①	3273136	10
PTFIX 12X2,5-NS35A RD	②	3273158	8
PTFIX 18X2,5-NS35A RD	③	3273180	8
PTFIX 6X2,5-NS35A YE	①	3273138	10
PTFIX 12X2,5-NS35A YE	②	3273160	8
PTFIX 18X2,5-NS35A YE	③	3273182	8
PTFIX 6X2,5-NS35A GN	①	3273140	10
PTFIX 12X2,5-NS35A GN	②	3273162	8
PTFIX 18X2,5-NS35A GN	③	3273184	8
PTFIX 6X2,5-NS35A BN	①	3273142	10
PTFIX 12X2,5-NS35A BN	②	3273164	8
PTFIX 18X2,5-NS35A BN	③	3273186	8
PTFIX 6X2,5-NS35A WH	①	3273144	10
PTFIX 12X2,5-NS35A WH	②	3273166	8
PTFIX 18X2,5-NS35A WH	③	3273188	8
PTFIX 6X2,5-NS35A BK	①	3273146	10
PTFIX 12X2,5-NS35A BK	②	3273168	8
PTFIX 18X2,5-NS35A BK	③	3273190	8
PTFIX 6X2,5-NS35A VT	①	3273148	10
PTFIX 12X2,5-NS35A VT	②	3273170	8
PTFIX 18X2,5-NS35A VT	③	3273192	8
PTFIX 6X2,5-NS35A OG	①	3273150	10
PTFIX 12X2,5-NS35A OG	②	3273172	8
PTFIX 18X2,5-NS35A OG	③	3273194	8
PTFIX 6X2,5-NS35A-FE	①	3273152	10
PTFIX 12X2,5-NS35A-FE	②	3273174	8
PTFIX 18X2,5-NS35A-FE	③	3273196	8

Technical data

Width	Length	Height NS 35/7,5	
15.6	**28.2**	**-**	
Width	Length	Height NS 15	
15.6	**28.2**	**33**	
Width	Length	Height	
15.6	**28.2**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 4**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
24 / -	-	-	-

Ordering data

Type		Order No.	Pcs./Pkt.
PTFIX 6X2,5-NS15A GY	①	3274100	10
PTFIX 12X2,5-NS15A GY	②	3274122	8
PTFIX 18X2,5-NS15A GY	③	3274144	8
PTFIX 6X2,5-NS15A BU	①	3274102	10
PTFIX 12X2,5-NS15A BU	②	3274124	8
PTFIX 18X2,5-NS15A BU	③	3274146	8
PTFIX 6X2,5-NS15A RD	①	3274104	10
PTFIX 12X2,5-NS15A RD	②	3274126	8
PTFIX 18X2,5-NS15A RD	③	3274148	8
PTFIX 6X2,5-NS15A YE	①	3274106	10
PTFIX 12X2,5-NS15A YE	②	3274128	8
PTFIX 18X2,5-NS15A YE	③	3274150	8
PTFIX 6X2,5-NS15A GN	①	3274108	10
PTFIX 12X2,5-NS15A GN	②	3274130	8
PTFIX 18X2,5-NS15A GN	③	3274152	8
PTFIX 6X2,5-NS15A BN	①	3274110	10
PTFIX 12X2,5-NS15A BN	②	3274132	8
PTFIX 18X2,5-NS15A BN	③	3274154	8
PTFIX 6X2,5-NS15A WH	①	3274112	10
PTFIX 12X2,5-NS15A WH	②	3274134	8
PTFIX 18X2,5-NS15A WH	③	3274156	8
PTFIX 6X2,5-NS15A BK	①	3274114	10
PTFIX 12X2,5-NS15A BK	②	3274136	8
PTFIX 18X2,5-NS15A BK	③	3274158	8
PTFIX 6X2,5-NS15A VT	①	3274116	10
PTFIX 12X2,5-NS15A VT	②	3274138	8
PTFIX 18X2,5-NS15A VT	③	3274160	8
PTFIX 6X2,5-NS15A OG	①	3274118	10
PTFIX 12X2,5-NS15A OG	②	3274140	8
PTFIX 18X2,5-NS15A OG	③	3274162	8
PTFIX 6X2,5-NS15A-FE	①	3274120	10
PTFIX 12X2,5-NS15A-FE	②	3274142	8
PTFIX 18X2,5-NS15A-FE	③	3274164	8

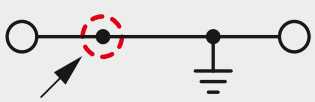
2.5 mm² distribution blocks with PTFIX supply

General technical data for 2.5 mm² distribution blocks with PTFIX supply

Rated data		IEC 60947-7-1 / IEC 60998-1			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plugged in	[mm²]	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
Rated data, feed		IEC 60998-1			
Nominal current / cross section range	[A] / [AWG]	41 with 6 mm² conductor cross section , 57 with 10 mm² conductor cross section / 20 - 8			
Supply connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Connection cross sections directly plugged in	[mm²]	1 - 10	-	1 - 6	1 - 6
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



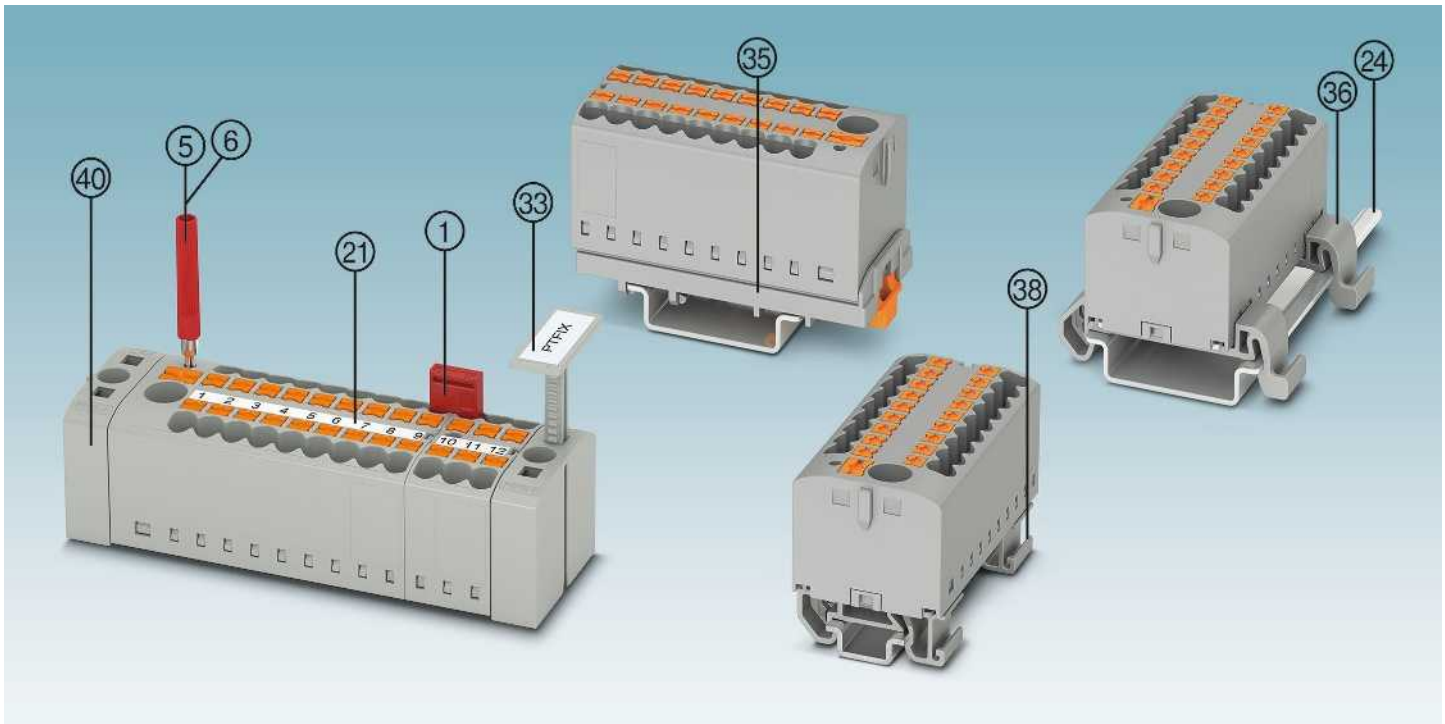
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² distribution blocks with PTFIX supply



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50			
⑤ **Test plug metal part**		silver	**MPS-MT SN**	3212251	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
㉝ **Terminal strip markers**		gray	**KLM 3**	0811969	100			
㉟ **DIN rail adapter**		gray	**PTFIX-NS35**	3274054	20			
㊱ **NS 35 DIN rail adapter**		gray	**PTFIX-NS35A**	3274056	20			
DIN rail adapter with end bracket function, NS 35		gray	**PTFIX-NS35A-FIX**	3274057	20			
㊳ **NS 15 DIN rail adapter**		gray	**PTFIX-NS15A**	3274058	20			
DIN rail adapter with end bracket function, NS 15		gray	**PTFIX-NS15A-FIX**	3274059	20			
㊵ **Mounting flange**		gray	**PTFIX-F**	3274060	20			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

㉑ **Center groove marking**	**TML (... X3.8)R see also Catalog 3.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

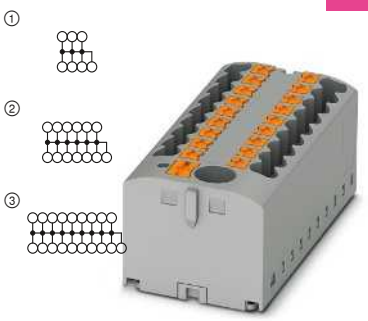
PTFIX ... distribution blocks

The basic blocks can be individually self-assembled with different adapters or flanges according to the desired mounting type.

Notes:

[1]) For additional accessories and technical data, see page 142.

new



57 A, basic blocks, with supply, for self-assembly

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		25.2	28.2	21.2
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24	500	0.14 - 4 / -
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	-	- / -
Nominal current / cross section	[A] / [mm²]	24	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Basic block, with supply, 7 terminal points	gray	**PTFIX 6/6X2,5 GY**	①	3273330	10
13 terminal points	gray	**PTFIX 6/12X2,5 GY**	②	3273352	8
19 terminal points	gray	**PTFIX 6/18X2,5 GY**	③	3273374	8
7 terminal points	blue	**PTFIX 6/6X2,5 BU**	①	3273332	10
13 terminal points	blue	**PTFIX 6/12X2,5 BU**	②	3273354	8
19 terminal points	blue	**PTFIX 6/18X2,5 BU**	③	3273376	8
7 terminal points	red	**PTFIX 6/6X2,5 RD**	①	3273334	10
13 terminal points	red	**PTFIX 6/12X2,5 RD**	②	3273356	8
19 terminal points	red	**PTFIX 6/18X2,5 RD**	③	3273378	8
7 terminal points	yellow	**PTFIX 6/6X2,5 YE**	①	3273336	10
13 terminal points	yellow	**PTFIX 6/12X2,5 YE**	②	3273358	8
19 terminal points	yellow	**PTFIX 6/18X2,5 YE**	③	3273380	8
7 terminal points	green	**PTFIX 6/6X2,5 GN**	①	3273338	10
13 terminal points	green	**PTFIX 6/12X2,5 GN**	②	3273360	8
19 terminal points	green	**PTFIX 6/18X2,5 GN**	③	3273382	8
7 terminal points	brown	**PTFIX 6/6X2,5 BN**	①	3273340	10
13 terminal points	brown	**PTFIX 6/12X2,5 BN**	②	3273362	8
19 terminal points	yellow	**PTFIX 6/18X2,5 BN**	③	3273384	8
7 terminal points	white	**PTFIX 6/6X2,5 WH**	①	3273342	10
13 terminal points	white	**PTFIX 6/12X2,5 WH**	②	3273364	8
19 terminal points	white	**PTFIX 6/18X2,5 WH**	③	3273386	8
7 terminal points	black	**PTFIX 6/6X2,5 BK**	①	3273344	10
13 terminal points	black	**PTFIX 6/12X2,5 BK**	②	3273366	8
19 terminal points	black	**PTFIX 6/18X2,5 BK**	③	3273388	8
7 terminal points	violet	**PTFIX 6/6X2,5 VT**	①	3273346	10
13 terminal points	violet	**PTFIX 6/12X2,5 VT**	②	3273368	8
19 terminal points	violet	**PTFIX 6/18X2,5 VT**	③	3273390	8
7 terminal points	orange	**PTFIX 6/6X2,5 OG**	①	3273348	10
13 terminal points	orange	**PTFIX 6/12X2,5 OG**	②	3273370	8
19 terminal points	orange	**PTFIX 6/18X2,5 OG**	③	3273392	8
7 terminal points	black/yellow	**PTFIX 6/6X2,5-FE**	①	3273350	10
13 terminal points	black/yellow	**PTFIX 6/12X2,5-FE**	②	3273372	8
19 terminal points	black/yellow	**PTFIX 6/18X2,5-FE**	③	3273394	8

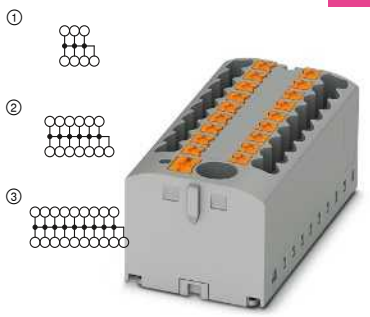
2.5 mm² distribution blocks with PTFIX supply

Distribution blocks

new

Notes:

For additional accessories and technical data, see page 142.



57 A, adhesive mounting

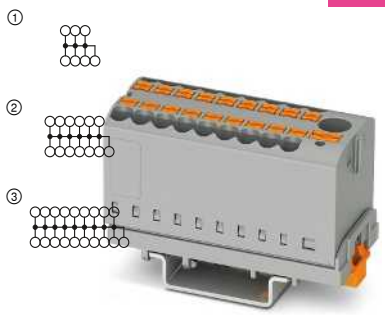
Technical data

Dimensions			
Width	Length	Height NS 35/7,5	
25.2	**28.2**	**-**	
Dimensions			
Width	Length	Height NS 15	
25.2	**28.2**	**-**	
Dimensions			
Width	Length	Height	
25.2	**28.2**	**21.2**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 4**	**-**
Rated data			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500	-	-	-
Nominal current / cross section [A] / [mm²]	24	-	-	-

Ordering data

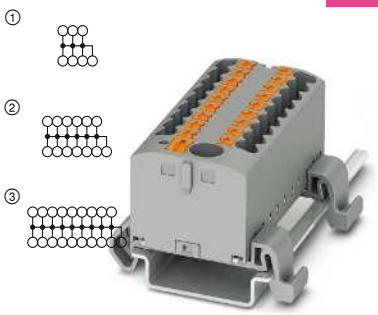
Description	Color	Type		Order No.	Pcs./Pkt.
Basic block, with supply, 7 terminal points	gray	**PTFIX 6/6X2,5-G GY**	①	3273460	10
13 terminal points	gray	**PTFIX 6/12X2,5-G GY**	②	3273482	8
19 terminal points	gray	**PTFIX 6/18X2,5-G GY**	③	3273504	8
7 terminal points	blue	**PTFIX 6/6X2,5-G BU**	①	3273462	10
13 terminal points	blue	**PTFIX 6/12X2,5-G BU**	②	3273484	8
19 terminal points	blue	**PTFIX 6/18X2,5-G BU**	③	3273506	8
7 terminal points	red	**PTFIX 6/6X2,5-G RD**	①	3273464	10
13 terminal points	red	**PTFIX 6/12X2,5-G RD**	②	3273486	8
19 terminal points	red	**PTFIX 6/18X2,5-G RD**	③	3273508	8
7 terminal points	yellow	**PTFIX 6/6X2,5-G YE**	①	3273466	10
13 terminal points	yellow	**PTFIX 6/12X2,5-G YE**	②	3273488	8
19 terminal points	yellow	**PTFIX 6/18X2,5-G YE**	③	3273510	8
7 terminal points	green	**PTFIX 6/6X2,5-G GN**	①	3273468	10
13 terminal points	green	**PTFIX 6/12X2,5-G GN**	②	3273490	8
19 terminal points	green	**PTFIX 6/18X2,5-G GN**	③	3273512	8
7 terminal points	brown	**PTFIX 6/6X2,5-G BN**	①	3273470	10
13 terminal points	brown	**PTFIX 6/12X2,5-G BN**	②	3273492	8
19 terminal points	brown	**PTFIX 6/18X2,5-G BN**	③	3273514	8
7 terminal points	white	**PTFIX 6/6X2,5-G WH**	①	3273472	10
13 terminal points	white	**PTFIX 6/12X2,5-G WH**	②	3273494	8
19 terminal points	white	**PTFIX 6/18X2,5-G WH**	③	3273516	8
7 terminal points	black	**PTFIX 6/6X2,5-G BK**	①	3273474	10
13 terminal points	black	**PTFIX 6/12X2,5-G BK**	②	3273496	8
19 terminal points	black	**PTFIX 6/18X2,5-G BK**	③	3273518	8
7 terminal points	violet	**PTFIX 6/6X2,5-G VT**	①	3273476	10
13 terminal points	violet	**PTFIX 6/12X2,5-G VT**	②	3273498	8
19 terminal points	violet	**PTFIX 6/18X2,5-G VT**	③	3273520	8
7 terminal points	orange	**PTFIX 6/6X2,5-G OG**	①	3273478	10
13 terminal points	orange	**PTFIX 6/12X2,5-G OG**	②	3273500	8
19 terminal points	orange	**PTFIX 6/18X2,5-G OG**	③	3273522	8
7 terminal points	black/yellow	**PTFIX 6/6X2,5-FE-G**	①	3273480	10
13 terminal points	black/yellow	**PTFIX 6/12X2,5-FE-G**	②	3273502	8
19 terminal points	black/yellow	**PTFIX 6/18X2,5-FE-G**	③	3273524	8

new



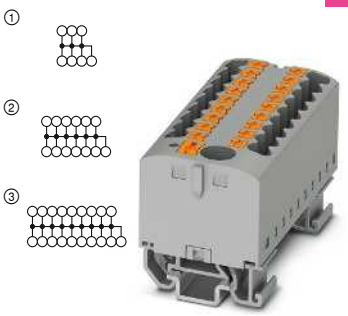
57 A, mounting on NS 35/7,5 DIN rail, perpendicular to the DIN rail

new



57 A, mounting on NS 35/7,5 DIN rail, along the DIN rail

new



57 A, mounting on NS 15 DIN rail, along the DIN rail

Technical data

Width	Length	Height NS 35/7,5	
28.6	**58.1**	**32.1**	
Width	Length	Height NS 15	
28.6	**58.1**	**-**	
Width	Length	Height	
28.6	**58.1**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 4**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
24	-	-	-

Technical data

Width	Length	Height NS 35/7,5	
25.2	**45.7**	**30.8**	
Width	Length	Height NS 15	
25.2	**45.7**	**-**	
Width	Length	Height	
25.2	**45.7**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 4**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
24	-	-	-

Technical data

Width	Length	Height NS 35/7,5	
25.2	**28.2**	**-**	
Width	Length	Height NS 15	
25.2	**28.2**	**33**	
Width	Length	Height	
25.2	**28.2**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 4**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
24	-	-	-

Ordering data

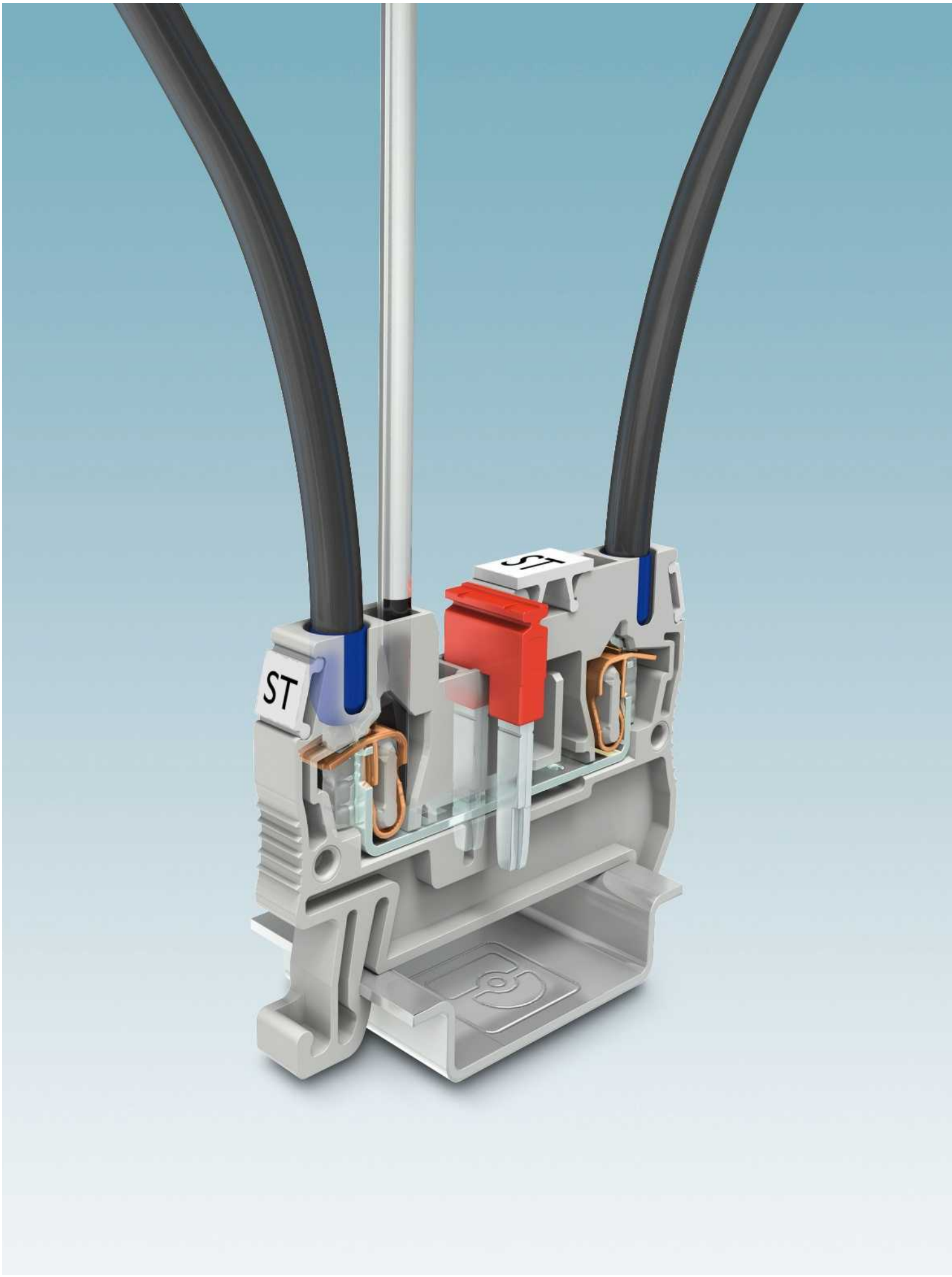
Type		Order No.	Pcs./Pkt.
PTFIX 6/6X2,5-NS35 GY	①	3273066	10
PTFIX 6/12X2,5-NS35 GY	②	3273088	8
PTFIX 6/18X2,5-NS35 GY	③	3273110	8
PTFIX 6/6X2,5-NS35 BU	①	3273068	10
PTFIX 6/12X2,5-NS35 BU	②	3273090	8
PTFIX 6/18X2,5-NS35 BU	③	3273112	8
PTFIX 6/6X2,5-NS35 RD	①	3273070	10
PTFIX 6/12X2,5-NS35 RD	②	3273092	8
PTFIX 6/18X2,5-NS35 RD	③	3273114	8
PTFIX 6/6X2,5-NS35 YE	①	3273072	10
PTFIX 6/12X2,5-NS35 YE	②	3273094	8
PTFIX 6/18X2,5-NS35 YE	③	3273116	8
PTFIX 6/6X2,5-NS35 GN	①	3273074	10
PTFIX 6/12X2,5-NS35 GN	②	3273096	8
PTFIX 6/18X2,5-NS35 GN	③	3273118	8
PTFIX 6/6X2,5-NS35 BN	①	3273076	10
PTFIX 6/12X2,5-NS35 BN	②	3273098	8
PTFIX 6/18X2,5-NS35 BN	③	3273120	8
PTFIX 6/6X2,5-NS35 WH	①	3273078	10
PTFIX 6/12X2,5-NS35 WH	②	3273100	8
PTFIX 6/18X2,5-NS35 WH	③	3273122	8
PTFIX 6/6X2,5-NS35 BK	①	3273080	10
PTFIX 6/12X2,5-NS35 BK	②	3273102	8
PTFIX 6/18X2,5-NS35 BK	③	3273124	8
PTFIX 6/6X2,5-NS35 VT	①	3273082	10
PTFIX 6/12X2,5-NS35 VT	②	3273104	8
PTFIX 6/18X2,5-NS35 VT	③	3273126	8
PTFIX 6/6X2,5-NS35 OG	①	3273084	10
PTFIX 6/12X2,5-NS35 OG	②	3273106	8
PTFIX 6/18X2,5-NS35 OG	③	3273128	8
PTFIX 6/6X2,5-NS35-FE	①	3273086	10
PTFIX 6/12X2,5-NS35-FE	②	3273108	8
PTFIX 6/18X2,5-NS35-FE	③	3273130	8

Ordering data

Type		Order No.	Pcs./Pkt.
PTFIX 6/6X2,5-NS35A GY	①	3273198	10
PTFIX 6/12X2,5-NS35A GY	②	3273220	8
PTFIX 6/18X2,5-NS35A GY	③	3273242	8
PTFIX 6/6X2,5-NS35A BU	①	3273200	10
PTFIX 6/12X2,5-NS35A BU	②	3273222	8
PTFIX 6/18X2,5-NS35A BU	③	3273244	8
PTFIX 6/6X2,5-NS35A RD	①	3273202	10
PTFIX 6/12X2,5-NS35A RD	②	3273224	8
PTFIX 6/18X2,5-NS35A RD	③	3273246	8
PTFIX 6/6X2,5-NS35A YE	①	3273204	10
PTFIX 6/12X2,5-NS35A YE	②	3273226	8
PTFIX 6/18X2,5-NS35A YE	③	3273248	8
PTFIX 6/6X2,5-NS35A GN	①	3273206	10
PTFIX 6/12X2,5-NS35A GN	②	3273228	8
PTFIX 6/18X2,5-NS35A GN	③	3273250	8
PTFIX 6/6X2,5-NS35A BN	①	3273208	10
PTFIX 6/12X2,5-NS35A BN	②	3273230	8
PTFIX 6/18X2,5-NS35A BN	③	3273252	8
PTFIX 6/6X2,5-NS35A WH	①	3273210	10
PTFIX 6/12X2,5-NS35A WH	②	3273232	8
PTFIX 6/18X2,5-NS35A WH	③	3273254	8
PTFIX 6/6X2,5-NS35A BK	①	3273212	10
PTFIX 6/12X2,5-NS35A BK	②	3273234	8
PTFIX 6/18X2,5-NS35A BK	③	3273256	8
PTFIX 6/6X2,5-NS35A VT	①	3273214	10
PTFIX 6/12X2,5-NS35A VT	②	3273236	8
PTFIX 6/18X2,5-NS35A VT	③	3273258	8
PTFIX 6/6X2,5-NS35A OG	①	3273216	10
PTFIX 6/12X2,5-NS35A OG	②	3273238	8
PTFIX 6/18X2,5-NS35A OG	③	3273260	8
PTFIX 6/6X2,5-NS35A-FE	①	3273218	10
PTFIX 6/12X2,5-NS35A-FE	②	3273240	8
PTFIX 6/18X2,5-NS35A-FE	③	3273262	8

Ordering data

Type		Order No.	Pcs./Pkt.
PTFIX 6/6X2,5-NS15A GY	①	3274166	10
PTFIX 6/12X2,5-NS15A GY	②	3274188	8
PTFIX 6/18X2,5-NS15A GY	③	3274210	8
PTFIX 6/6X2,5-NS15A BU	①	3274168	10
PTFIX 6/12X2,5-NS15A BU	②	3274190	8
PTFIX 6/18X2,5-NS15A BU	③	3274212	8
PTFIX 6/6X2,5-NS15A RD	①	3274170	10
PTFIX 6/12X2,5-NS15A RD	②	3274192	8
PTFIX 6/18X2,5-NS15A RD	③	3274214	8
PTFIX 6/6X2,5-NS15A YE	①	3274172	10
PTFIX 6/12X2,5-NS15A YE	②	3274194	8
PTFIX 6/18X2,5-NS15A YE	③	3274216	8
PTFIX 6/6X2,5-NS15A GN	①	3274174	10
PTFIX 6/12X2,5-NS15A GN	②	3274196	8
PTFIX 6/18X2,5-NS15A GN	③	3274218	8
PTFIX 6/6X2,5-NS15A BN	①	3274176	10
PTFIX 6/12X2,5-NS15A BN	②	3274198	8
PTFIX 6/18X2,5-NS15A BN	③	3274220	8
PTFIX 6/6X2,5-NS15A WH	①	3274178	10
PTFIX 6/12X2,5-NS15A WH	②	3274200	8
PTFIX 6/18X2,5-NS15A WH	③	3274222	8
PTFIX 6/6X2,5-NS15A BK	①	3274180	10
PTFIX 6/12X2,5-NS15A BK	②	3274202	8
PTFIX 6/18X2,5-NS15A BK	③	3274224	8
PTFIX 6/6X2,5-NS15A VT	①	3274182	10
PTFIX 6/12X2,5-NS15A VT	②	3274204	8
PTFIX 6/18X2,5-NS15A VT	③	3274226	8
PTFIX 6/6X2,5-NS15A OG	①	3274184	10
PTFIX 6/12X2,5-NS15A OG	②	3274206	8
PTFIX 6/18X2,5-NS15A OG	③	3274228	8
PTFIX 6/6X2,5-NS15A-FE	①	3274186	10
PTFIX 6/12X2,5-NS15A-FE	②	3274208	8
PTFIX 6/18X2,5-NS15A-FE	③	3274230	8


ST
ST

ST spring-cage connection terminal blocks

The ST spring-cage connection terminal blocks from the CLIPLINE complete system have been developed for universal spring-loaded conductor contacting. The high contact force guarantees a vibration-proof, gas-tight connection with long-term stability.

The compact front connection ensures easy operation. The terminal point is opened using a standard screwdriver. After the conductor has been inserted into the clamping space, the screwdriver is removed and the conductor automatically makes contact.

All kinds of copper wires up to 35 mm² can be clamped without any pretreatment.

Spring-cage connection terminal blocks offer a large insertion space, which means that conductors with a nominal cross section can be wired both with and without ferrules.

Your web code: #1396

Product range overview

1.5 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals **153**

2.5 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals **157**
Initiator/actuator terminal blocks **160**
Disconnect and knife disconnect terminal blocks **162**
Diode terminal blocks **164**
Hybrid terminal blocks with screw connection on one side **166**

Desk-design terminal blocks **167**
Desk-design disconnect and knife disconnect terminal blocks **168**
Mini terminal blocks **168**

4 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals **175**
Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape **177**
Disconnect and knife disconnect terminal blocks **178**
Diode terminal blocks **178**
Hybrid terminal blocks with screw connection on one side **179**

Desk-design terminal blocks **179**
Desk-design disconnect and knife disconnect terminal blocks **181**

6 mm²

Feed-through and multi-conductor terminal blocks and ground terminals **183**
Measuring transducer disconnect terminal blocks **183**
Diode terminal blocks **185**
Desk-design terminal blocks **185**
Fuse terminal blocks **187**

10 mm²

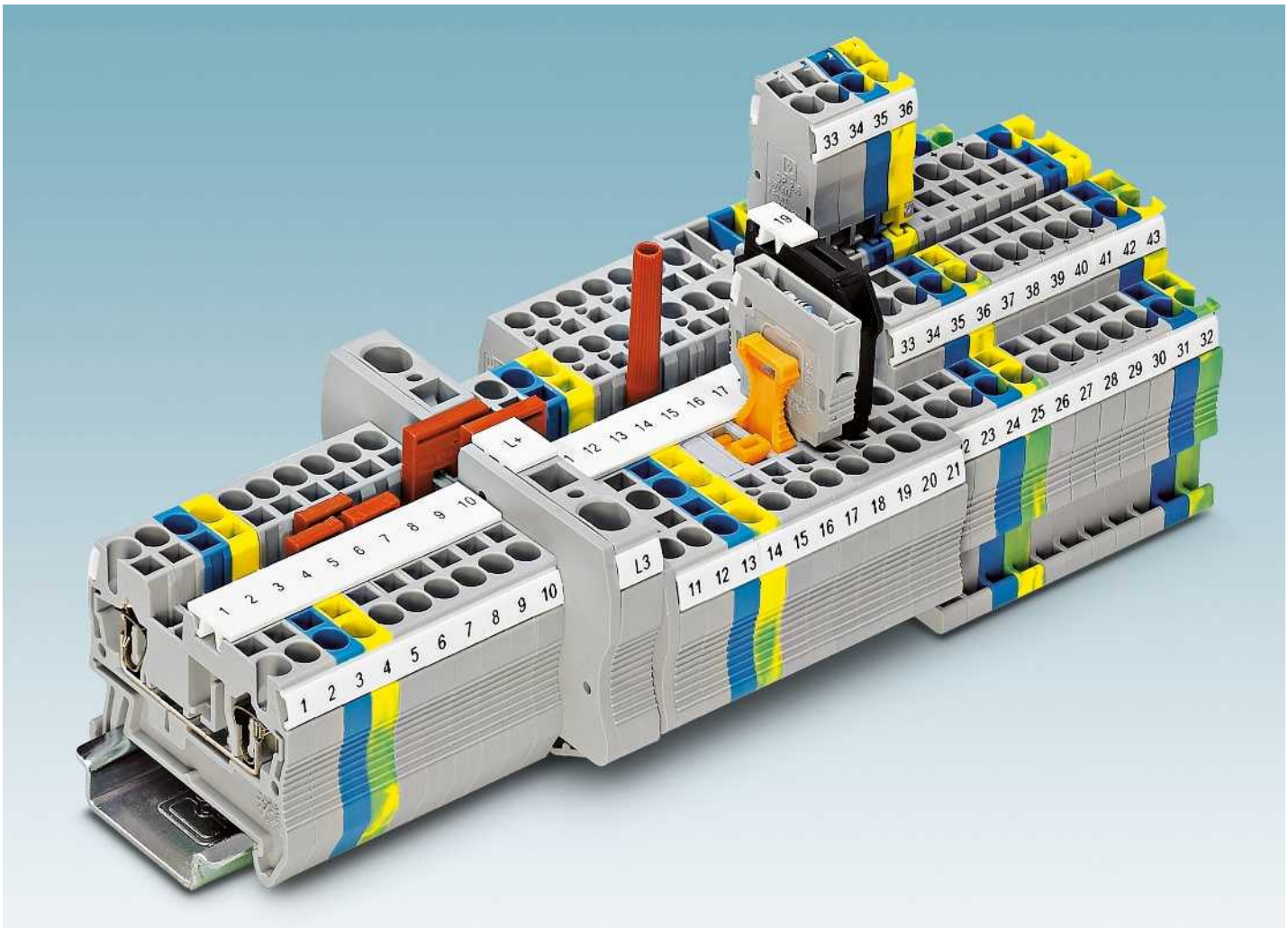
Feed-through and multi-conductor terminal blocks and ground terminals **189**
Hybrid terminal blocks with screw connection on one side **190**

16 mm²

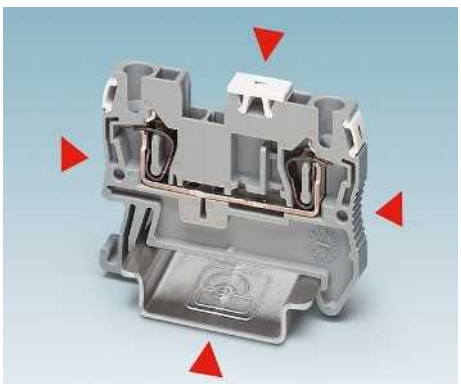
Feed-through and multi-conductor terminal blocks and ground terminals **193**

35 mm²

Feed-through terminal blocks and ground terminals **195**
Hybrid terminal blocks with screw connection on one side **195**

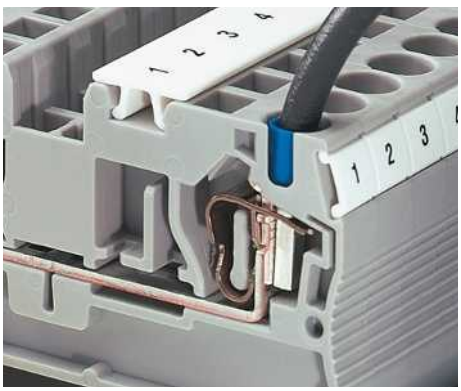


Your web code: #1396



Space-saving design

Thanks to the space-saving design and conductor entry from above, ST spring-cage terminal blocks are ideal for control systems where limited space is available.



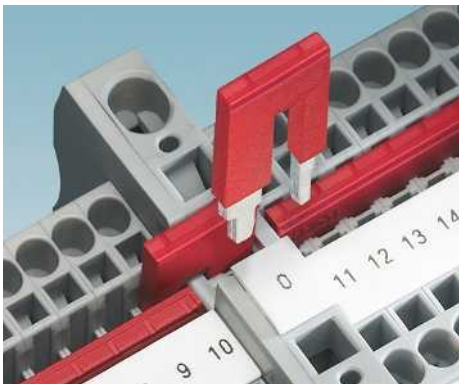
Maximum connection space

Thanks to their maximum wiring space, miniature spring-cage terminal blocks offer a quick means of wiring solid and stranded conductors, even for conductors with the nominal cross section and pre-assembled ferrule.

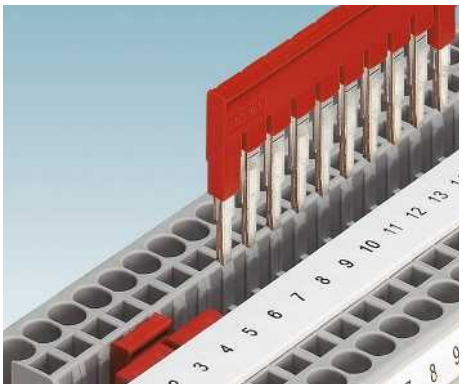


Large-surface marking

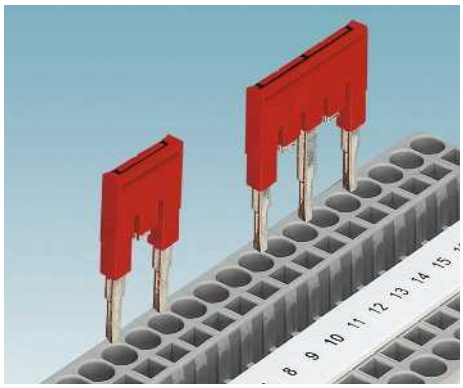
Large and clear marking of the terminal points is essential for reliable and quick installation. In addition to this, each terminal point can be marked separately.



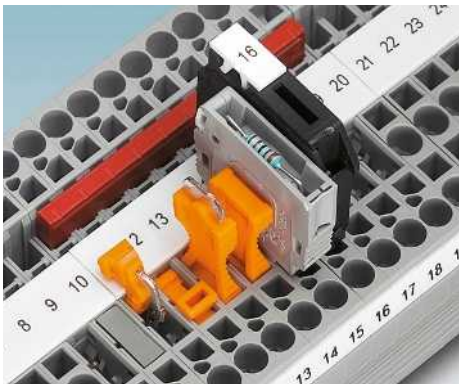
The reducing bridge allows terminal blocks with different nominal cross sections to be connected easily. The reducing bridge can be used to quickly create power blocks, e.g., an ST 10 spring-cage terminal block with an ST 2,5 or ST 4.



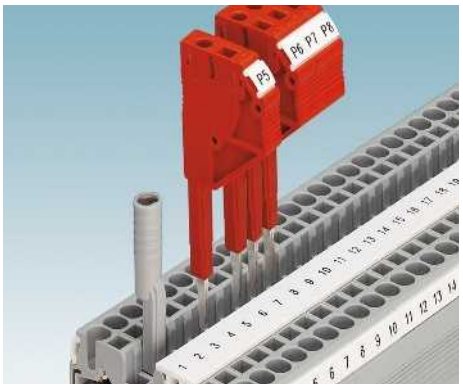
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



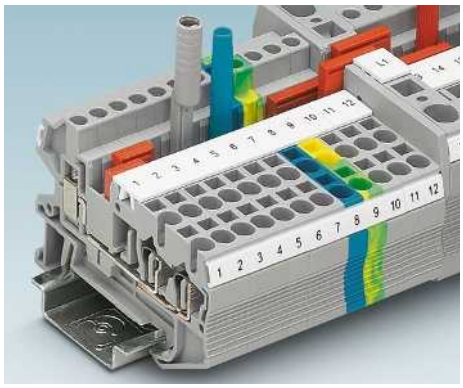
Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. The contact points can also be marked.



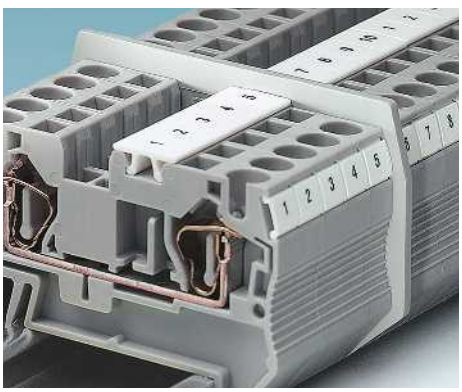
The P-FIX isolated feed-through connector, P-DI isolating plug, P-CO component connector, and P-FU cartridge fuse plug can be used in the universal plug-in zone of the disconnect terminal block.



For measuring lines, a test plug with a 2.3 mm diameter is available. All measurement and testing can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



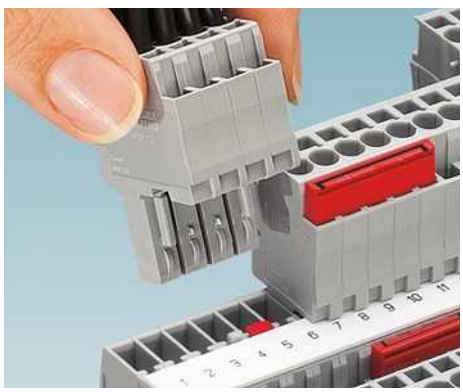
The hybrid versions combine the benefits of the spring-cage connection method with those of the universal screw connection.



The partition plates protrude beyond the terminal block contours. They provide visual as well as electrical group separation.

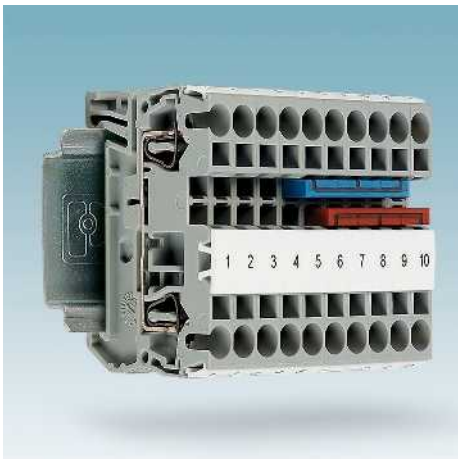


Cover segments are used to cover protruding terminal block segments of three- or four-conductor terminal blocks, when adding two-conductor terminal blocks. Fingers are thereby protected from contact.



ST-COMBI terminal blocks are available for creating plug-in signal and power wiring. The system is touch-proof and offers connectors for self-assembly with extensive accessories. See “COMBI” section, page 269.

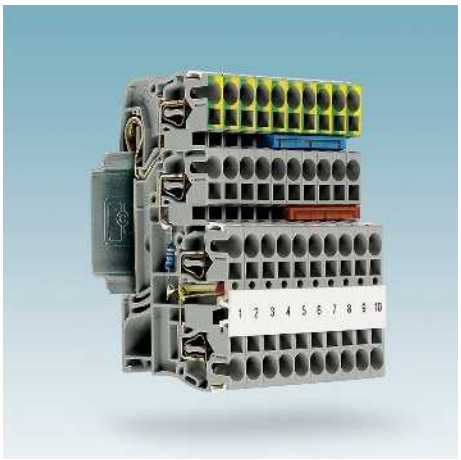
ST ... feed-through, multi-conductor, and multi-level terminal blocks



- Convenient operation thanks to front connection
- Space-saving thanks to the compact design
- Optimum overview thanks to large marking areas

Your web code: #0061

STIO ... three-conductor initiator/actuator terminal block



- A wide range of products thanks to versions with PE function or LED display
- Optimum overview of signal connections thanks to a variety of marking options
- Modular expansion up to a maximum of 50 positions, as feed-in terminals are the same shape
- Energy supplied or enhanced by feed-in terminals
- Potential supply via the STIO-IN feed-in terminals

Your web code: #0062

ST ... disconnect and knife disconnect terminal blocks



- Convenient separation of circuits using lever-type disconnect knife, isolating plug or rotary contact
- User-friendly current measurement thanks to testing facility either side of the disconnect point
- Safe operation as the disconnect lever is locked in the end positions
- Individual assembly with disconnect element, fuse plug, component connector, and feed-through connector

Your web code: #0063

MSB ... miniature terminal blocks



- Space-saving thanks to compact design and mounting option on a 15 mm DIN rail
- Horizontal connection for particularly flat inserts
- Vertical connection in confined spaces
- Clear, as all terminal points are marked

Your web code: #0067

STME ... measuring transducer disconnect terminal blocks



- Easy and safe operation thanks to clear indication of switching states
- Maximum functionality, up to six universal function shafts for potential distribution or for test purposes
- Modular expansion thanks to feed-through terminal blocks and ground terminals of the same shape
- Modular design of transformer circuits thanks to plug-in measuring transducer disconnect terminal blocks

Your web code: #0064

STU ... hybrid terminal blocks



- Meet requirements for internal and external wiring at the same time as different connection methods are integrated in a single terminal block
- Free choice of connection technology thanks to two combination options
- Space-saving thanks to the compact design
- Uniform distances from cable ducts
- Feed-through terminal blocks and ground terminals of the same shape

Your web code: #0065

STS ... desk-design terminal blocks



- Angled design enables minimized bending radii for better conductor routing
- Designed for use on wiring frames instead of typical channel wiring
- Two-, three- and four-conductor terminal blocks with the same contour
- Universal disconnect zone for also accommodating isolating plugs, feed-through connectors, component connectors, and fuse plugs

Your web code: #0061

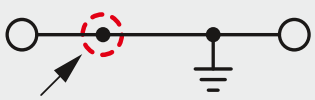
1.5 mm² ST spring-cage connection terminal blocks

General technical data for 1.5 mm² ST spring-cage connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	1.5			
Cross section range	AWG	28 - 16			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5
General data					
Stripping length	[mm]	10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



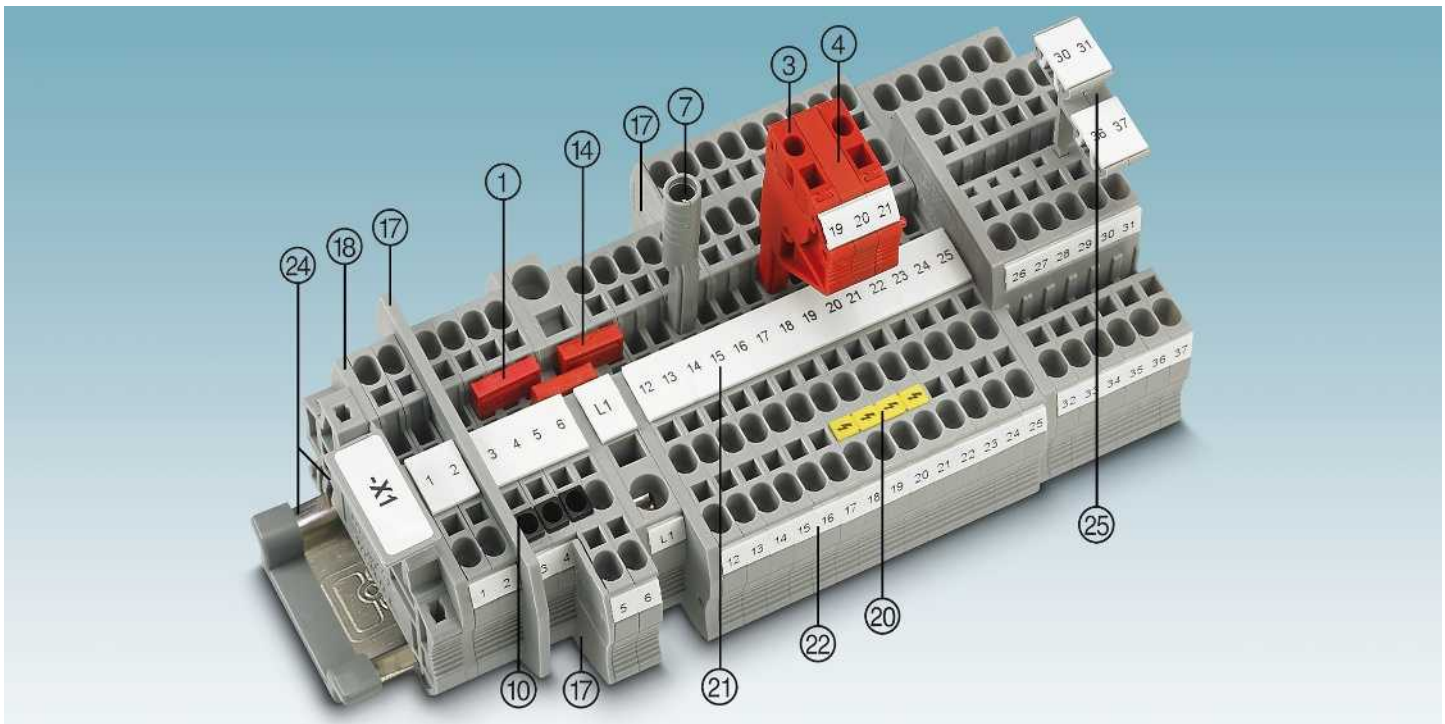
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 1.5 mm² ST spring-cage connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-4**	3030116	50			
	3	red	**FBS 3-4**	3030129	50			
	4	red	**FBS 4-4**	3030132	50			
	5	red	**FBS 5-4**	3030145	50			
	10	red	**FBS 10-4**	3030158	10			
	20	red	**FBS 20-4**	3030352	10			
③ **Modular test plug**		red	**PS-4**	3030970	10			
④ **Spacer plate**		red	**DP PS-4**	3036712	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve**		white	**ISH 1,5/0,2**	3206131	50			
0.25 - 0.5 mm²		gray	**ISH 1,5/0,5**	3031034	50			
Screwdriver			**SZF 0-0,4X2,5**	1204504	10			

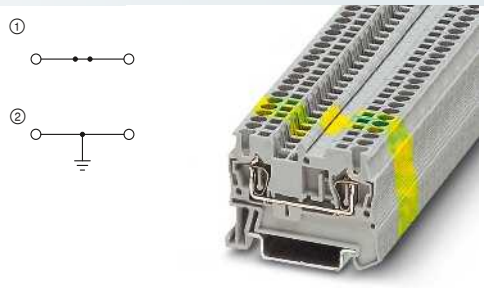
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉑ **Center groove marking**	**UC-TM 4, UCT-TM 4 or ZB 4. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 4, UCT-TMF 4 or ZBF 4. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉕ **Marker carrier**	**For STP ..., see page 412.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

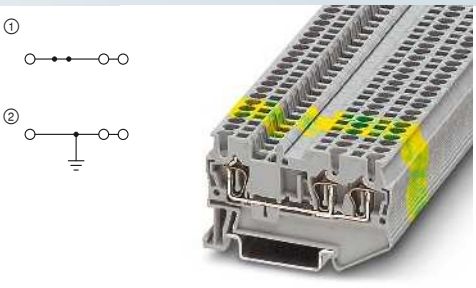
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 152.

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block

DNV GL ClassNK

Ex: EAC Ex

KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data[1])

Dimensions					
	[mm]	Width	Length	Height	
		4.2	48.5	36.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.08 - 1.5	26-14
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	440
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	17.5 / 1.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 1,5**	①	3031076	50
	blue	**ST 1,5 BU**	①	3031089	50
Ground terminal	green-yellow	**ST 1,5-PE**	②	3031513	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50

17.5 A, feed-through terminal block, 3 connections

DNV GL ClassNK

Ex: EAC Ex

KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data[1])

Width	Length	Height	
4.2	60.5	36.5 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	500	0.08 - 1.5	26-14
17.5			
IEC	UL / CUL	CSA	Ex
500	300	300	440
17.5 / 1.5	15 / -	15 / -	17.5 / 1.5

Ordering data

Type		Order No.	Pcs./Pkt.
ST 1,5-TWIN	①	3031128	50
ST 1,5-TWIN BU	①	3031131	50
ST 1,5-TWIN-PE	②	3031144	50

Accessories[1])

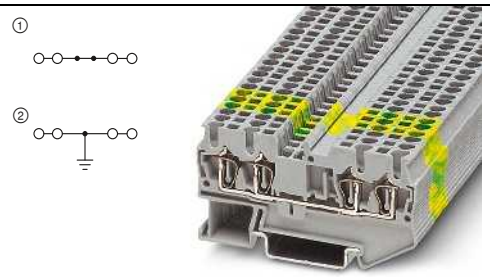
D-ST 2,5-TWIN	3030488	50

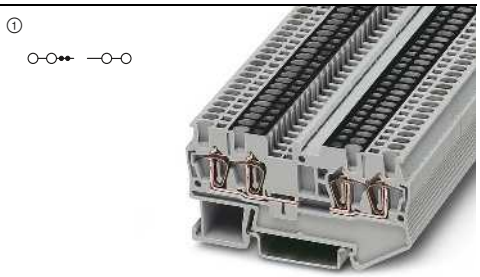
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 152.

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block, 4 connections

DNV GL ClassNK

Ex: EAC Ex

KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data[1])

Dimensions					
	[mm]	Width	Length	Height	
		4.2	72	36.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.08 - 1.5	26-14
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	440
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	17.5 / 1.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 1,5-QUATTRO**	①	3031186	50
	gray				
	blue	**ST 1,5-QUATTRO BU**	①	3031199	50
Ground terminal	green-yellow	**ST 1,5-QUATTRO-PE**	②	3031209	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO**	3030514	50

17.5 A, feed-through terminal block, 4 connections, with interrupted current bar

CB

Technical data[1])

Width	Length	Height	
4.2	72	36.5 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	500	0.08 - 1.5	26-14
17.5			
IEC	UL / CUL	CSA	Ex
500	300	-	-
17.5 / 1.5	15 / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
ST 1,5-QUATTRO-U	①	3038600	50

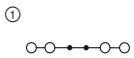
Accessories[1])

D-ST 2,5-QUATTRO	3030514	50

1.5 mm² ST spring-cage connection terminal blocks

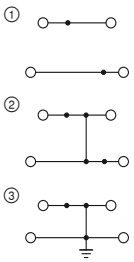
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
[1]) For additional accessories and technical data, see page 152.
ISH... insulating sleeves and PS ... and PAI ... test accessories cannot be used with the ST 1,5/S-QUATTRO.
For 1 mm² conductors with ferrule and plastic sleeve, using the AI-S 1-8 TQ ferrule is recommended, Order No. 1200293.
For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block, 4 connections





17.5 A, double-level terminal block

cULus EAC

cULus EAC VDE DNV GL KR Lloyd's Register ClassNK CB SCHEME
Ex: Ex EAC Ex
KEMA 01ATEX2129 U / IECEx KEM 06.0043U

Technical data[1])				
Dimensions	Width	Length	Height	
[mm]	**3.5**	**72**	**32 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**500**	**0.08 - 1.5**	**28-16**
Maximum bridge current [A]	17.5			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	10 / -	10 / -	- / -
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm²]	0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	-
General data				
Stripping length [mm]	8			

Technical data[1])				
Width	Length	Height		
4.2	**67.5**	**47.5 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
17.5	**500**	**0.08 - 1.5**	**26-14**	
15				
IEC	UL / CUL	CSA	Ex	
500	300	300	440	
17.5 / 1.5	15 / -	15 / -	17.5 / 1.5	
solid	stranded	Ferrule without/with plastic sleeve		
0.08 - 1.5	0.08 - 1.5	0.14 - 1.5	0.14 - 1.5	
-	-	-	0.5	
10				

Description	No. of pos.	Color
Terminal block		gray
		blue
With potential distribution		gray
Ground terminal		green-yellow
Cover, width: 2.2 mm		gray
Plug-in bridge		
	2	red
	3	red
	4	red
	5	red
	10	red

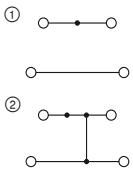
Ordering data				
Type			**Order No.**	Pcs./Pkt.
ST 1,5/S-QUATTRO	①		3213124	50
D-ST 1,5/S-QUATTRO			3213166	50
FBS 2-3,5	17.5 A		3213014	50
FBS 3-3,5	17.5 A		3213027	50
FBS 4-3,5	17.5 A		3213030	50
FBS 5-3,5	17.5 A		3213043	50
FBS 10-3,5	17.5 A		3213056	50

Ordering data				
Type			**Order No.**	Pcs./Pkt.
STTB 1,5	①		3031157	50
STTB 1,5 BU	①		3031160	50
STTB 1,5-PV	②		3031526	50
STTB 1,5-PE	③		3036013	50
D-STTB 2,5			3030459	50

Double-level terminal blocks

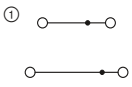
Notes:

[1]) For additional accessories and technical data, see page 152.





24 A, double-level terminal block





20 A, double-level terminal block, both levels can be bridged

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
General data	
Stripping length	[mm]

Technical data[1])

Width	Length	Height	
5.2	**67.5**	**42.5 (NS 35/7,5) / 42 (NS 15)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**0.14 - 2.5**	**26-14**
20			
IEC	UL / CUL	CSA	Ex
500	600	-	-
17.5 / 1.5	15 / -	- / -	- / -
26 - 14	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
9			

Technical data[1])

Width	Length	Height	
5.2	**85**	**42.5 (NS 35/7,5) / 42 (NS 15)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.14 - 2.5**	**26-14**
17.5			
IEC	UL / CUL	CSA	Ex
500	600	-	-
17.5 / 1.5	15 / -	- / -	- / -
26 - 14	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5
9			

Description	No. of pos.	Color
Terminal block		gray
		gray
With potential distribution		gray

Ordering data

Type		Order No.	Pcs./Pkt.
MZFKK 1,5	①	3029813	50
MZFKK 1,5-PV	②	3029826	50

Ordering data

Type		Order No.	Pcs./Pkt.
MZFKKB 1,5	①	3005714	50

Accessories[1])

Cover, 1.1 mm width		gray	
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	
Fixed bridge, for cross connections in the terminal center, screw heads with insulation collar			
	2	silver	
	3	silver	
	10	silver	
Screwdriver			

D-MZFKK 1,5		3029839	50
TS-KK 3		2770215	50
FBRI 2-5 N	20 A	3000227	10
FBRI 3-5 N	20 A	3000201	10
FBRI 10-5 N	20 A	2770642	10
SZF 1-0,6X3,5		1204517	10

Accessories[1])

D-MZFKKB 1,5		3024630	50
TS-KK 3		2770215	50
FBRI 2-5 N	20 A	3000227	10
FBRI 3-5 N	20 A	3000201	10
FBRI 10-5 N	20 A	2770642	10
SZF 1-0,6X3,5		1204517	10

Lateral groove marking	**UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)**

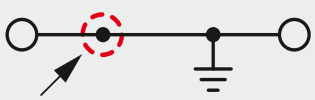
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)

2.5 mm² ST spring-cage connection terminal blocks

General technical data for 2.5 mm² ST spring-cage connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	28 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			
Note: Additional or deviating data is documented for the product.					

Notes:



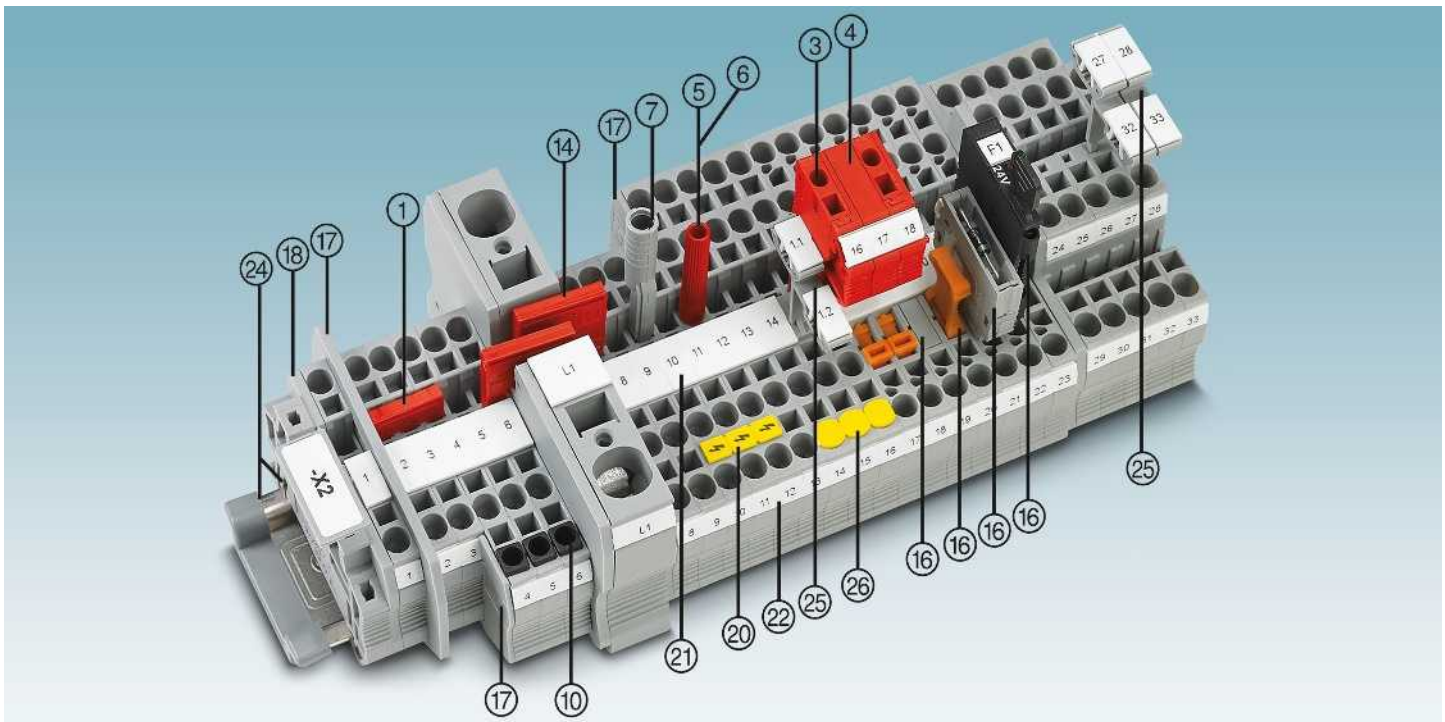
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² ST spring-cage connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50	**FBSR 2-5**	3033702	50
	3	red	**FBS 3-5**	3030174	50	**FBSR 3-5**	3001591	50
	4	red	**FBS 4-5**	3030187	50	**FBSR 4-5**	3001592	50
	5	red	**FBS 5-5**	3030190	50	**FBSR 5-5**	3001593	50
	10	red	**FBS 10-5**	3030213	10	**FBSR 10-5**	3033710	10
	20	red	**FBS 20-5**	3030226	10			
③ **Modular test plug**		red	**PS-5**	3030983	10			
④ **Spacer plate**		red	**DP PS-5**	3036725	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve**		white	**ISH 2,5/0,2**	3002843	50			
0.25 - 0.5 mm²		gray	**ISH 2,5/0,5**	3002856	50			
0.75 - 1 mm²		black	**ISH 2,5/1,0**	3002869	50			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉑ **Center groove marking**	**UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉕ **Marker carrier**	**For STP ..., see page 412.**
㉖ **Cover for conductor shaft**	**For CEC ..., see page 407.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





31 A, feed-through terminal block

DNV GL ClassNK CB

Ex: EAC Ex

KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	48.5	36.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		31	800	0.08 - 4	28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	21 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5**	①	3031212	50
	blue	**ST 2,5 BU**	①	3031225	50
Ground terminal	green-yellow	**ST 2,5-PE**	②	3031238	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50

28 A, feed-through terminal block, 3 connections

DNV GL ClassNK CB

Ex: EAC Ex

KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data[1])

Width	Length	Height			
5.2	60.5	36.5 (NS 35/7,5)			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
28	800	0.08 - 4	28-12		
24 (FBS) / 17.5 (FBSR)					
IEC	UL / CUL	CSA	Ex		
800	600	600	550		
24 / 2.5	20 / -	20 / -	21.5 / 2.5		

Ordering data

Type		Order No.	Pcs./Pkt.
ST 2,5-TWIN	①	3031241	50
ST 2,5-TWIN BU	①	3031254	50
ST 2,5-TWIN-PE	②	3031267	50

Accessories[1])

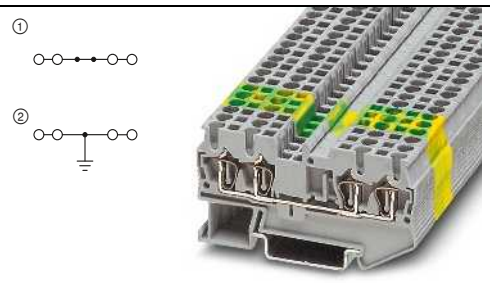
D-ST 2,5-TWIN	3030488	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





28 A, feed-through terminal block, 4 connections

DNV GL ClassNK CB

Ex: EAC Ex

KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	72	36.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	800	0.08 - 4	28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5-QUATTRO**	①	3031306	50
with interrupted current bar	gray				
	blue	**ST 2,5-QUATTRO BU**	①	3031319	50
Ground terminal	green-yellow	**ST 2,5-QUATTRO-PE**	②	3031322	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO**	3030514	50

28 A, feed-through terminal block, 4 connections, with interrupted current bar

CB

Technical data[1])

Width	Length	Height			
5.2	72	36.5 (NS 35/7,5)			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
28	800	0.08 - 4	28-12		
24 (FBS) / 17.5 (FBSR)					
IEC	UL / CUL	CSA	Ex		
800	600	600	-		
22 / 2.5	20 / -	20 / -	- / -		

Ordering data

Type		Order No.	Pcs./Pkt.
ST 2,5-QUATTRO-U	①	3031636	50

Accessories[1])

D-ST 2,5-QUATTRO	3030514	50

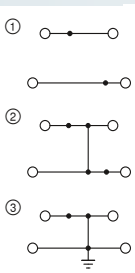
2.5 mm² ST spring-cage connection terminal blocks

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

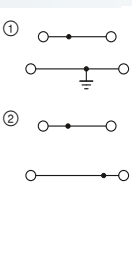
[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





26 A, double-level terminal block





32 A, double-level ground terminal

Ex: EAC Ex

KEMA 00ATEX2052U / IECEx KEM 06.0051U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	67.5	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		26	500	0.08 - 4	28-12
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	440
Nominal current / cross section	[A] / [mm²]	22 / 2.5	20 / -	20 / -	19.5 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STTB 2,5**	①	3031270	50
	blue	**STTB 2,5 BU**	①	3031283	50
With potential distribution	gray	**STTB 2,5-PV**	②	3031539	50
	blue	**STTB 2,5-PV BU**	②	3035108	50
Ground terminal	green-yellow	**STTB 2,5-PE**	③	3036026	50
Terminal block	gray-yellow-green				
	gray				
	gray				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STTB 2,5**	3030459	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	67.5	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	500	0.08 - 4	28-12
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	-
Nominal current / cross section	[A] / [mm²]	22 / 2.5	20 / -	20 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
STTB 2,5-PE/L	①	3036314	50
STTB 2,5-PE/N	①	3036327	50
STTB 2,5-L/N	②	3036330	50

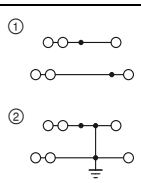
Accessories[1])

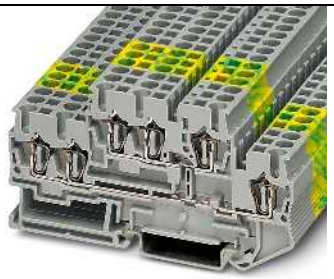
D-STTB 2,5	3030459	50	

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

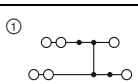
Notes:

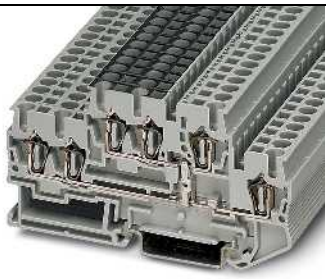
[1]) For additional accessories and technical data, see page 156.





26 A, feed-through terminal block, 3 connections per level





26 A, feed-through terminal block, with equipotential bonding

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	91.5	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		26	500	0.08 - 4	28-12
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	22 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STTB 2,5-TWIN**	①	3038516	50
	blue	**STTB 2,5-TWIN BU**	①	3038529	50
	gray				
Ground terminal	green-yellow	**STTB 2,5-TWIN-PE**	②	3038532	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STTB 2,5-TWIN**	3038558	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	91.5	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		26	500	0.08 - 4	28-12
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	22 / 2.5	20 / -	20 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
STTB 2,5-TWIN-PV	①	3038545	50

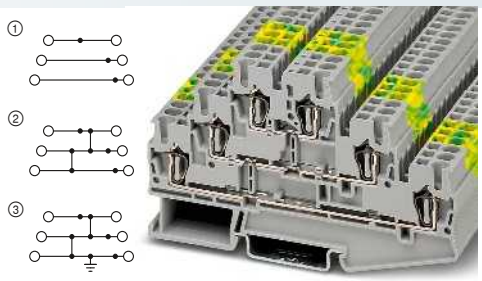
Accessories[1])

D-STTB 2,5-TWIN	3038558	50	

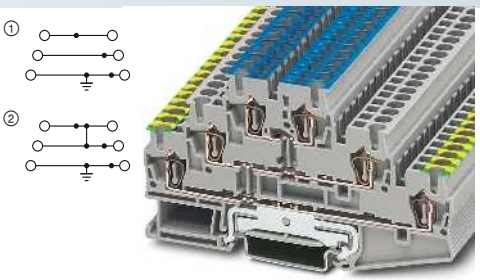
Multi-level terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.



28 A, three-level terminal block



28 A, three-level terminal block with PE foot

Technical data[1])							
Dimensions		Width	Length	Height			
	[mm]	**5.2**	**99.5**	**58 (NS 35/7,5)**			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		28	**500**	**0.08 - 4**	**28-12**		
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)					
Rated data		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	500	600	300	-		
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -		
Ordering data							
Description	Color	**Type**		**Order No.**	Pcs./Pkt.		
Terminal block	gray	**ST 2,5-3L**	①	3036042	50		
	blue	**ST 2,5-3L BU**	①	3038710	50		
With potential distribution	gray	**ST 2,5-3PV**	②	3036068	50		
Ground terminal	green-yellow	**ST 2,5-3PE**	③	3036071	50		
Terminal block	gray						
	gray						
With potential distribution	gray						
Accessories[1])							
Cover, width: 2.2 mm	gray	**D-ST 2,5-3L**		3036660	50		

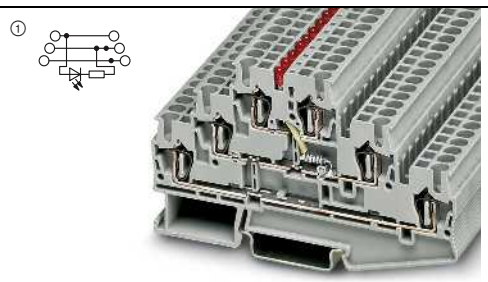
Technical data[1])							
Dimensions		Width	Length	Height			
	[mm]	**5.2**	**99.5**	**58 (NS 35/7,5)**			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		28	**500**	**0.08 - 4**	**28-12**		
Maximum bridge current	[A]	22 (FBS) / 17.5 (FBSR)					
Rated data		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	500	600	300	-		
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -		
Ordering data							
		Type		**Order No.**	Pcs./Pkt.		
		ST 2,5-PE/L/N	①	3036084	50		
		ST 2,5-PE/L/L	①	3036097	50		
		ST 2,5-PE/2PV	②	3038833	50		
Accessories[1])							
		D-ST 2,5-3L		3036660	50		

Multi-level terminal blocks

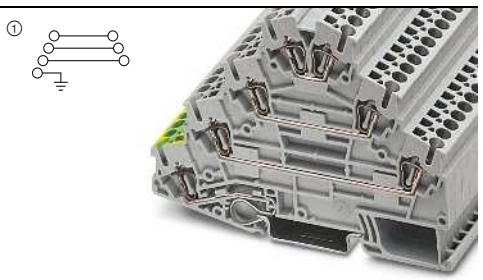
Notes:

[1]) For additional accessories and technical data, see page 156.

[2]) The operating voltage is determined by the LED version.



28 A, three-level terminal block with LED display



26 A, four-level terminal block with PE foot

Technical data[1])							
Dimensions		Width	Length	Height			
	[mm]	**5.2**	**99.5**	**58 (NS 35/7,5)**			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		28	**500[2])**	**0.08 - 4**	**-**		
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)					
Rated data		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	500[2])	-	-	-		
Nominal current / cross section	[A] / [mm²]	20 / 2.5	- / -	- / -	- / -		
Ordering data							
Description	Color	**Type**		**Order No.**	Pcs./Pkt.		
Terminal block, with LED for 12 – 30 V DC, 0.7 – 2.4 mA	gray	**ST 2,5-3L-LA 24RD/O-M**	①	3035580	50		
Terminal block	gray						
Accessories[1])							
Cover, width: 2.2 mm	gray	**D-ST 2,5-3L**		3036660	50		

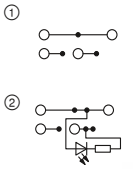
Technical data[1])							
Dimensions		Width	Length	Height			
	[mm]	**5.2**	**98.5**	**73.5 (NS 35/7,5)**			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		26	**800**	**0.08 - 4**	**28-12**		
		-					
Rated data		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	800	600	600	-		
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	20 / -	- / -		
Ordering data							
		Type		**Order No.**	Pcs./Pkt.		
		ST 2,5-PE/3L	①	3036055	50		
Accessories[1])							
		D-ST 2,5-PE/3L		3036673	50		

2.5 mm² ST spring-cage connection terminal blocks

Initiator/actuator terminal blocks

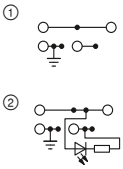
Notes:

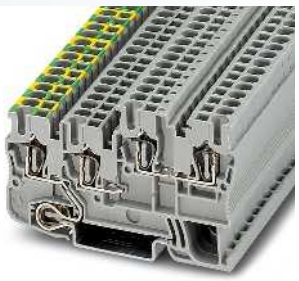
[1]) For additional accessories and technical data, see page 156.





18 A, three-conductor initiator terminal block





18 A, three-conductor actuator terminal block with PE foot

		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**5.2**	**75**	**44.5 (NS 35/7,5)**		**5.2**	**75**	**44.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		18	**250**	**0.08 - 4**	**28-12**	**18**	**250**	**0.08 - 4**	**28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)				24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	250	300	-	-	250	300	-	-
Nominal current / cross section	[A] / [mm²]	18 / 2.5	18 / -	- / -	- / -	18 / 2.5	18 / -	- / -	- / -

		Ordering data				Ordering data			
Description	Color	**Type**		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Terminal block	gray	**STIO 2,5/3-2B/L**	①	3209015	50	**STIO 2,5/3-PE/B/L**	①	3209044	50
Red LED, 15 - 30 V DC, 1 - 2.5 mA, LED between upper and middle level	gray	**STIO 2,5/3-2B/L-LA24RD/O-M**	②	3209028	50	**STIO 2,5/3-PE/B/L-LA24RD/O-M**	②	3209138	50
Green LED, 15 - 30 V DC, 1 - 2.5 mA, LED between upper and middle level	gray	**STIO 2,5/3-2B/L-LA24GN/O-M**	②	3209031	50	**STIO 2,5/3-PE/B/L-LA24GN/O-M**	②	3209141	50

		Accessories[1])			Accessories[1])		
Cover, width: 2.2 mm	gray	**D-STIO 2,5/3**	3209112	50	**D-STIO 2,5/3**	3209112	50

Feed-in terminals

Notes:

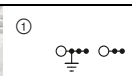
[1]) For additional accessories and technical data, see page 156.

[2]) In the case of central supply.





30 A, feed-in terminal





30 A, feed-in terminal with PE foot

		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**10.4**	**75**	**44.5 (NS 35/7,5)**		**10.4**	**75**	**44.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2])	**250**	**0.08 - 4**	**28-12**	**30[2])**	**250**	**0.08 - 4**	**28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)				24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	250	300	-	-	250	300	-	-
Nominal current / cross section	[A] / [mm²]	30 / 2.5	20 / -	- / -	- / -	30 / 2.5	20 / -	- / -	- / -

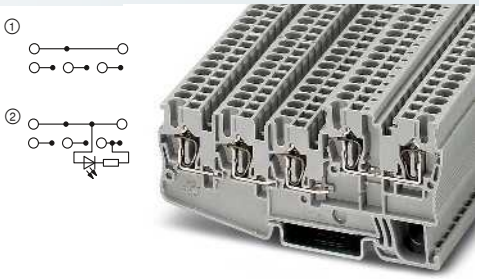
		Ordering data				Ordering data			
Description	Color	**Type**		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Feed-in terminal	orange	**STIO-IN 2,5/3 OG**	①	3209196	25				
	orange					**STIO-IN 2,5/3-PE OG**	①	3209086	25

		Accessories[1])			Accessories[1])		
Cover, width: 2.2 mm	gray	**D-STIO 2,5/3**	3209112	50	**D-STIO 2,5/3**	3209112	50

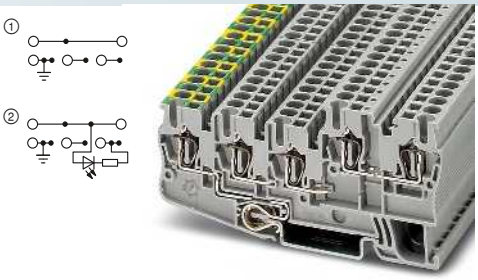
Initiator/actuator terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.



18 A, four-conductor initiator terminal block



18 A, four-conductor actuator terminal block with PE foot

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	92.3	44.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		18	250	0.08 - 4 / 28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	250	300	- / -
Nominal current / cross section	[A] / [mm²]	18 / 2.5	18 / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STIO 2,5/4-3B/L**	①	3209057	50
Red LED, 15 - 30 V DC, 1 - 2.5 mA, LED between upper and middle level	gray	**STIO 2,5/4-3B/L-LA24RD/O-M**	②	3209154	50
Green LED, 15 - 30 V DC, 1 - 2.5 mA, LED between upper and middle level	gray	**STIO 2,5/4-3B/L-LA24GN/O-M**	②	3209167	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STIO 2,5/4**	3209125	50

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	92.3	44.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		18	250	0.08 - 4 / 28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	250	300	- / -
Nominal current / cross section	[A] / [mm²]	18 / 2.5	18 / -	- / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
STIO 2,5/4-PE/2B/L	①	3209060	50
STIO 2,5/4-PE/2B/L-LA24RD/O-M	②	3209170	50
STIO 2,5/4-PE/2B/L-LA24GN/O-M	②	3209183	50

Accessories[1])

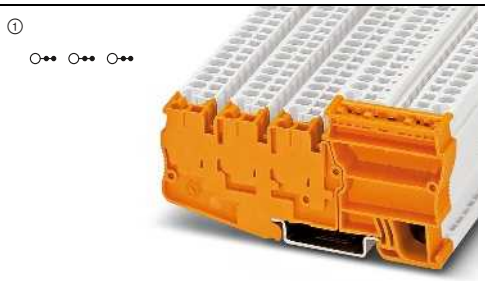
D-STIO 2,5/4	3209125	50

Feed-in terminals

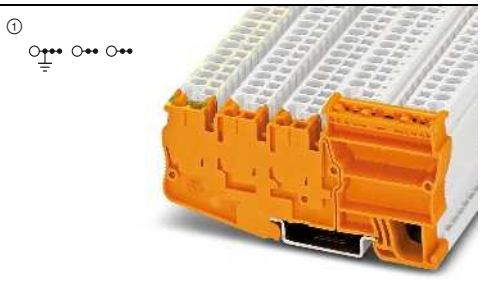
Notes:

[1]) For additional accessories and technical data, see page 156.

[2]) In the case of central supply.



30 A, feed-in terminal



30 A, feed-in terminal with PE foot

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		10.4	92.3	44.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30[2])	250	0.08 - 4 / 28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	250	300	- / -
Nominal current / cross section	[A] / [mm²]	30 / 2.5	20 / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Feed-in terminal	orange	**STIO-IN 2,5/4 OG**	①	3209206	25
	orange				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STIO 2,5/4**	3209125	50

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		10.4	92.3	44.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30[2])	250	0.08 - 4 / 28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	250	300	- / -
Nominal current / cross section	[A] / [mm²]	30 / 2.5	20 / -	- / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
STIO-IN 2,5/4-PE OG	①	3209109	25

Accessories[1])

D-STIO 2,5/4	3209125	50

2.5 mm² ST spring-cage connection terminal blocks

Disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 156.

2) Current and voltage are determined by the connector used.

① 



20 A, disconnect terminal block

① 



20 A, disconnect terminal block, 3 connections

Technical data1)

Dimensions				
	[mm]	Width	Length	Height
		5.2	60.5	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		20 2)	400 2)	0.08 - 4 / 28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400 2)	300	300 / -
Nominal current / cross section	[A] / [mm²]	20 2) / 2.5	16 / -	16 / - / - / -

Technical data1)

Dimensions				
	[mm]	Width	Length	Height
		5.2	72	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		20	400 2)	0.08 - 4 / 28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400 2)	300	300 / -
Nominal current / cross section	[A] / [mm²]	20 2) / 2.5	16 / -	16 / - / - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5-TG** ①	3038435	50

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5-TWIN-TG** ①	3038448	50

Accessories1)

Cover, width: 2.2 mm	gray	**D-ST 2,5-TWIN**	3030488	50

Accessories1)

		D-ST 2,5-QUATTRO	3030514	50

Disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 156.

2) Current and voltage are determined by the connector used.

① 



20 A, disconnect terminal block, 4 connections

Technical data1)

Dimensions				
	[mm]	Width	Length	Height
		5.2	84	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		20	400 2)	0.08 - 4 / 28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400 2)	300	300 / -
Nominal current / cross section	[A] / [mm²]	20 2) / 2.5	16 / -	16 / - / - / -

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5-QUATTRO-TG** ①	3038451	50

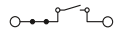
Accessories1)

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO-MT**	3038590	50

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

① 



20 A, knife disconnect terminal block

Technical data[1])			
Width	Length	Height	
5.2	**60.5**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.08 - 4**	**28-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	600	300	-
20 / 2.5	16 / -	16 / -	- / -

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
ST 2,5-MT ①	3036343	50	
ST 2,5-MT BU ①	3037818	50	

Accessories[1])		
D-ST 2,5-TWIN	3030488	50

① 



20 A, knife disconnect terminal block, 3 connections

Technical data[1])			
Width	Length	Height	
5.2	**72**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.08 - 4**	**28-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	600	300	-
20 / 2.5	16 / -	16 / -	- / -

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
ST 2,5-TWIN-MT ①	3036356	50	
ST 2,5-TWIN-MT BU ①	3037821	50	

Accessories[1])		
D-ST 2,5-QUATTRO	3030514	50

Description	Color
Terminal block	gray
	blue
Cover, width: 2.2 mm	gray

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

① 



20 A, knife disconnect terminal block, 4 connections

Technical data[1])			
Width	Length	Height	
5.2	**84**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.08 - 4**	**28-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	600	300	-
20 / 2.5	16 / -	16 / -	- / -

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
ST 2,5-QUATTRO-MT ①	3036576	50	
ST 2,5-QUATTRO-MT BU ①	3037834	50	

Accessories[1])		
D-ST 2,5-QUATTRO-MT	3038590	50

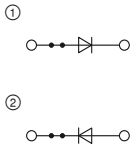
Description	Color
Terminal block	gray
	blue
Cover, width: 2.2 mm	gray

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Diode terminal blocks

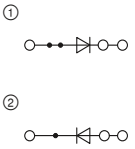
Notes:

[1]) For additional accessories and technical data, see page 156.





0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A)





0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A), 3 connections

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**48.5**	**36.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		0.5	**800**	**0.08 - 4 / 28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	0.5 / 1	1 / -	1 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**ST 2,5-DIO/L-R**	①	3036262	50
	gray	**ST 2,5-DIO/R-L**	②	3036518	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**60.5**	**36.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		0.5	**800**	**0.08 - 4 / 28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	0.5 / 1	20 / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**ST 2,5-TWIN-DIO/L-R**	①	3036246	50
	gray	**ST 2,5-TWIN-DIO/R-L**	②	3036521	50

Accessories[1])

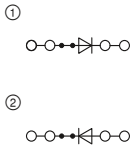
Cover, width: 2.2 mm	gray	**D-ST 2,5-TWIN**	3030488	50

Diode terminal blocks

Notes:

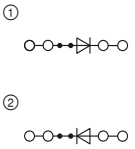
[1]) For additional accessories and technical data, see page 156.

[2]) The max. current is determined by the diode. Integrated: diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A





0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A), 4 connections





1.5 A, diode terminal block, 1N 5408 (1000 V/1.5 A), 4 connections

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**72**	**36.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		0.5[2])	**800**	**0.08 - 4 / 28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	0.5 / 1	20 / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**ST 2,5-QUATTRO-DIO/L-R**	①	3036233	50
	gray	**ST 2,5-QUATTRO-DIO/R-L**	②	3036534	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO**	3030514	50

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**72**	**36.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		1.5	**800**	**0.08 - 4 / -**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	-	- / -
Nominal current / cross section	[A] / [mm²]	1.5 / 1	- / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**ST 2,5-QUATTRO-DIO 1N 5408K/L-R**	①	3002216	50
	gray	**ST 2,5-QUATTRO-DIO 1N 5408K/R-L**	②	3002214	50

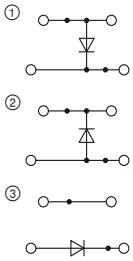
Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO**	3030514	50

Diode terminal blocks

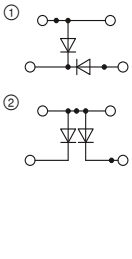
Notes:

[1]) For additional accessories and technical data, see page 156.





26 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)





26 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
5.2	**67.5**	**47.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**500**	**0.08 - 4**	**28-12**
20 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	300	-
22 / 2.5	20 / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**STTB 2,5-DIO/O-U**	①	3031555	50
	gray	**STTB 2,5-DIO/U-O**	②	3031563	50
	gray	**STTB 2,5-DIO/UL-UR**	③	3031571	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STTB 2,5**	3030459	50

Technical data[1])

Width	Length	Height	
5.2	**67.5**	**47.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**250**	**0.08 - 4**	**28-12**
20 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
250	600	300	-
22 / 2.5	20 / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
STTB 2,5-2DIO/O-UL/UR-UL	①	3031584	50
STTB 2,5-2DIO/O-UL/O-UR	②	3031597	50

Accessories[1])

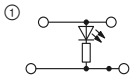
D-STTB 2,5	3030459	50

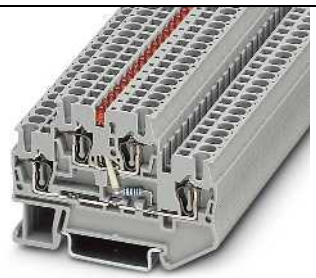
Double-level terminal blocks with LED display

Notes:

[1]) For additional accessories and technical data, see page 156.

[2]) The operating voltage is determined by the LED display version.





26 A, double-level terminal block with LED display

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
5.2	**67.5**	**47.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**500[2])**	**0.08 - 4**	**28-12**
20 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500[2])	600	-	-
22 / 2.5	20 / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, with LED display for 12 – 30 V DC, 0.7 – 2.4 mA	gray	**STTB 2,5-LA 24 RD**	①	3031607	50
With LED display for 30-60 V DC, 0.8-1.8 mA	gray	**STTB 2,5-LA 60 RD**	①	3031610	50
With LED display for 110–230 V AC/DC, 0.1–0.5 mA	gray	**STTB 2,5-LA230**	①	3031623	50

Accessories[1])

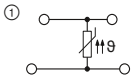
Cover, width: 2.2 mm	gray	**D-STTB 2,5**	3030459	50

2.5 mm² ST spring-cage connection terminal blocks

Double-level terminal block with temperature sensor

Notes:

[1]) For additional accessories and technical data, see page 156.





26 A, double-level terminal block with temperature sensor

EAC

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**7.4**	**67.5**	**47.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	26	**500**	**0.08 - 4**	**-**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	-	-	-
Nominal current / cross section [A] / [mm²]	22 / 2.5	- / -	- / -	- / -

Ordering data

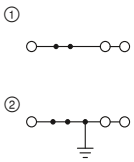
Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, with integrated Pt 100 temperature sensor and fitted cover	gray	**STTB 2,5-PT100 MD**	①	3035564	50

Hybrid terminal blocks with screw connection on one side, 2.5 (4) mm²

Notes:

[1]) For additional accessories and technical data, see page 156.

[2]) For screw connection rated data, visit phoenixcontact.net/products





28 A, feed-through terminal block, 3 connections

cULus EAC

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**65.3**	**42.8 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	28	**800**	**0.08 - 4**	**28-12**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data[2])	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	-
Nominal current / cross section [A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STU 2,5-TWIN**	①	3033016	50
	blue	**STU 2,5-TWIN BU**	①	3033029	50
Ground terminal	green-yellow	**STU 2,5-TWIN-PE**	②	3033032	50

Accessories[1])

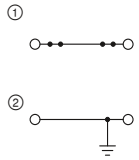
Cover, width: 2.2 mm	gray	**D-STU 2,5-TWIN**	3033045	50

Desk-design terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





31 A, feed-through terminal block

Ex: EAC Ex

PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data[1])

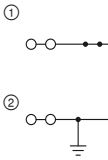
Dimensions				
	[mm]	Width	Length	Height
		5.2	50.8	43 (NS 35/7,5)
Maximum electrical data				
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		31	800	0.08 - 4	28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	20.5 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STS 2,5**	①	3036398	50
	blue	**STS 2,5 BU**	①	3036408	50
Ground terminal	green-yellow	**STS 2,5-PE**	②	3036411	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STS 2,5**	3031762	50





28 A, feed-through terminal block, 3 connections

Ex: EAC Ex

PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data[1])

Width	Length	Height		
5.2	50.8	43 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
28	800	0.08 - 4	28-12	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
24 / 2.5	20 / -	20 / -	21 / 2.5	

Ordering data

Type		Order No.	Pcs./Pkt.
STS 2,5-TWIN	①	3031720	50
STS 2,5-TWIN BU	①	3036275	50
STS 2,5-TWIN-PE	②	3031733	50

Accessories[1])

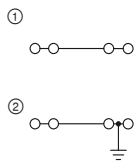
D-STS 2,5	3031762	50

Desk-design terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





28 A, feed-through terminal block, 4 connections

Ex: EAC Ex

PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data[1])

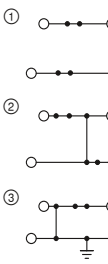
Dimensions				
	[mm]	Width	Length	Height
		5.2	50.8	43 (NS 35/7,5)
Maximum electrical data				
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	800	0.08 - 4	28-12
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	20.5 / 2.5

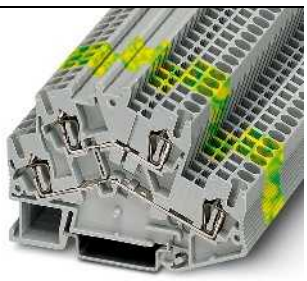
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STS 2,5-QUATTRO**	①	3031746	50
	blue	**STS 2,5-QUATTRO BU**	①	3036288	50
With potential distribution	gray				
	blue				
Ground terminal	green-yellow	**STS 2,5-QUATTRO-PE**	②	3031759	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STS 2,5**	3031762	50





26 A, double-level terminal block

Ex: EAC Ex

PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data[1])

Width	Length	Height		
5.2	78	55 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
26	500	0.08 - 4	28-12	
22 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	300	440	
22 / 2.5	20 / -	20 / -	19.5 / 2.5	

Ordering data

Type		Order No.	Pcs./Pkt.
STTBS 2,5	①	3038464	50
STTBS 2,5 BU	①	3038493	50
STTBS 2,5-PV	②	3038477	50
STTBS 2,5-PV BU	②	3035289	50
STTBS 2,5-PE	③	3038480	50

Accessories[1])

D-STTBS 2,5	3038503	50

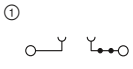
2.5 mm² ST spring-cage connection terminal blocks

Desk-design disconnect and knife disconnect terminal blocks

Notes:

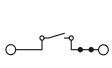
[1]) For additional accessories and technical data, see page 156.

[2]) Current and voltage are determined by the connector used.





20 A, disconnect terminal block





20 A, knife disconnect terminal block

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
5.2	**50.8**	**43 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20[2])	**400[2])**	**0.08 - 4**	**28-12**
16 (FBS) / 16 (FBSR)			
IEC	UL / CUL	CSA	Ex
400[2])	300	300	-
20[2]) / 2.5	16 / -	16 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STS 2,5-TG**	①	3037009	50
	blue				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STS 2,5**	3031762	50

Technical data[1])

Width	Length	Height	
5.2	**50.8**	**43 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.08 - 4**	**28-12**
16 (FBS) / 16 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	300	-
20 / 2.5	16 / -	16 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
STS 2,5-MT	①	3036990	50
STS 2,5-MT BU	①	3035425	50

Accessories[1])

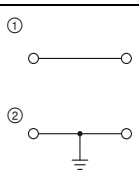
D-STS 2,5	3031762	50

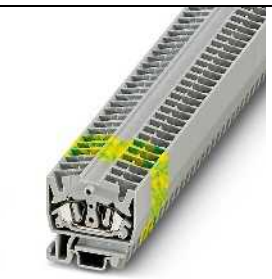
Feed-through and multi-conductor terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





30 A, feed-through terminal block



30 A, feed-through terminal block, 4 connections

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
General data	
Stripping length	[mm]

Technical data[1])

Width	Length	Height	
5.2	**32**	**30 (NS 15)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**800**	**0.08 - 4**	**28-12**
-			
IEC	UL / CUL	CSA	Ex
800	600	600	690
24 / 2.5	20 / -	20 / -	22 / 2.5
8			

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Terminal block		gray	**MSB 2,5**	①	3244012	50
		blue	**MSB 2,5 BU**	①	3244025	50
Ground terminal		green-yellow	**MSB 2,5-PE**	②	3244151	50

Accessories[1])

Cover, 4 mm width		gray	**D-MZB 1,5**	3024177	50
Insertion bridge, fully insulated	2	gray			

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

Width	Length	Height	
10.4	**32**	**30 (NS 15)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**800**	**0.08 - 4**	**28-12**
24			
IEC	UL / CUL	CSA	Ex
800	600	600	690
24 / 2.5	20 / -	20 / -	22 / 2.5
8			

Ordering data

Type		Order No.	Pcs./Pkt.
MSDB 2,5	①	3244216	50
MSDB 2,5 BU	①	3244229	50

Accessories[1])

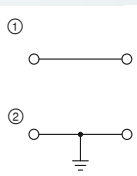
D-MZB 1,5		3024177	50
ESB 2-MZDB	24 A	3029703	10

Feed-through and multi-conductor terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





30 A, feed-through terminal block

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

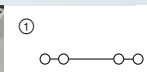
Dimensions				
	Width	Length	Height	
[mm]	5.2	42.7	32 (NS 35/7,5)	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	30	800	0.08 - 4	28-12
Maximum bridge current [A]	-			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	690
Nominal current / cross section [A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5
General data				
Stripping length [mm]	8			

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Terminal block		gray	**MSB 2,5-NS 35**	①	3244119	50
		blue	**MSB 2,5-NS 35 BU**	①	3244122	50
Ground terminal		green-yellow	**MSB 2,5-NS 35-PE**	②	3244148	50

Accessories[1])

Cover, 4 mm width	gray	**D-MZB 1,5**	3024177	50
Insertion bridge, fully insulated				
	2 gray			





30 A, feed-through terminal block, 4 connections

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

Width	Length	Height		
10.4	**42.7**	**32 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
30	**800**	**0.08 - 4**	**28-12**	
24				
IEC	UL / CUL	CSA	Ex	
800	600	600	690	
24 / 2.5	20 / -	20 / -	22 / 2.5	
8				

Ordering data

Type		Order No.	Pcs./Pkt.
MSDB 2,5-NS 35	①	3244300	50
MSDB 2,5-NS 35 BU	①	3244313	50

Accessories[1])

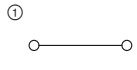
D-MZB 1,5		3024177	50
ESB 2-MZDB	24 A	3029703	10

Feed-through and multi-conductor terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





30 A, feed-through terminal block, for grouping

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

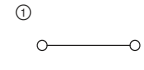
Dimensions				
	Width	Length	Height	
[mm]	5.2	32	22	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	30	800	0.08 - 4	28-12
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	550
Nominal current / cross section [A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5
General data				
Stripping length [mm]	8			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**MSB 2,5-M**	①	3244067	50
	blue	**MSB 2,5-M BU**	①	3244070	50

Accessories[1])

Cover, 4 mm width	gray	**D-MZB 1,5**	3024177	50





30 A, flange terminal block, for grouping

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

Width	Length	Height		
5.2	**32**	**22**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
30	**800**	**0.08 - 4**	**28-12**	
IEC	UL / CUL	CSA	Ex	
800	600	600	550	
24 / 2.5	20 / -	20 / -	22 / 2.5	
8				

Ordering data

Type		Order No.	Pcs./Pkt.
MSB 2,5-F	①	3244041	50
MSB 2,5-F BU	①	3244054	50

Accessories[1])

D-MSB 1,5-F		3024180	50

2.5 mm² ST spring-cage connection terminal blocks

Feed-through and multi-conductor terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.



30 A, feed-through terminal block, for grouping, 4 connections

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**10.4**	**32**	**22**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	30	**800**	**0.08 - 4**	**28-12**
Maximum bridge current	[A]	24		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5
General data				
Stripping length	[mm]	8		

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Terminal block		gray	**MSDB 2,5-M**	①	3244258	50
		blue	**MSDB 2,5-M BU**	①	3244261	50

Accessories[1])

Cover, 4 mm width		gray	**D-MZB 1,5**	3024177	50
Insertion bridge, fully insulated	2	gray	**ESB 2-MZDB**	24 A 3029703	10



30 A, flange terminal block, 4 connections, for grouping

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**10.4**	**32**	**22**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	30	**800**	**0.08 - 4**	**28-12**
Maximum bridge current	[A]	24		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5
General data				
Stripping length	[mm]	8		

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Terminal block		gray	**MSDB 2,5-F**	①	3244232	50
		blue	**MSDB 2,5-F BU**	①	3244245	50

Accessories[1])

Cover, 4 mm width		gray	**D-MSB 1,5-F**	3024180	50
Insertion bridge, fully insulated	2	gray	**ESB 2-MZDB**	24 A 3029703	10

Feed-through and multi-conductor terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.



30 A, feed-through terminal block, with securing pin

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**5.2**	**32**	**22**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	30	**800**	**0.08 - 4**	**28-12**
Maximum bridge current	[A]	-		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5
General data				
Stripping length	[mm]	8		

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting		gray	**MSB 2,5-RZ**	①	3244164	50
		blue	**MSB 2,5-RZ BU**	①	3244177	50

Accessories[1])

Cover, 4 mm width		gray	**D-MZB 1,5**	3024177	50
Insertion bridge, fully insulated	2	gray			



30 A, feed-through terminal block, 4 connections, with securing pin

Ex: EAC Ex

PTB 08ATEX1075U / IECEx PTB 08.0048U

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**10.4**	**32**	**22**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	30	**800**	**0.08 - 4**	**28-12**
Maximum bridge current	[A]	24		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5
General data				
Stripping length	[mm]	8		

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting		gray	**MSDB 2,5-RZ**	①	3244339	50
		blue	**MSDB 2,5-RZ BU**	①	3244342	50

Accessories[1])

Cover, 4 mm width		gray	**D-MZB 1,5**	3024177	50
Insertion bridge, fully insulated	2	gray	**ESB 2-MZDB**	24 A 3029703	10

Feed-through and multi-conductor terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

①



30 A, feed-through terminal block, lateral conductor entry

①



30 A, feed-through terminal block, lateral conductor entry, 4 connections

Dimensions		
		[mm]
Maximum electrical data		
Maximum bridge current		[A]
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm²]
General data		
Stripping length		[mm]

Technical data[1])

Width	Length	Height	
5.2	**32**	**30 (NS 15)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**800**	**0.08 - 4**	**28-12**
-			
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 / 2.5	20 / -	20 / -	- / -
8			

Ordering data

Description	No. of pos.	Color
Terminal block		gray
		blue

Type		Order No.	Pcs./Pkt.
MSBV 2,5	①	3249017	50
MSBV 2,5 BU	①	3249020	50

Accessories[1])

Cover, 4 mm width		gray
Insertion bridge, fully insulated		
	2	gray

Type	Order No.	Pcs./Pkt.
D-MSBV 2,5	3251018	50

Dimensions			
			[mm]
Maximum electrical data			
Maximum bridge current			[A]
Rated data			
Rated voltage			[V]
Nominal current / cross section			[A] / [mm²]
General data			
Stripping length			[mm]

Technical data[1])

Width	Length	Height	
10.4	**32**	**30 (NS 15)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**800**	**0.08 - 4**	**28-12**
24			
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 / 2.5	20 / -	20 / -	- / -
8			

Ordering data

Description	No. of pos.	Color
Terminal block		gray
		blue

Type		Order No.	Pcs./Pkt.
MSDBV 2,5	①	3249143	50
MSDBV 2,5 BU	①	3249156	50

Accessories[1])

Cover, 4 mm width		gray
Insertion bridge, fully insulated		
	2	gray

Type	Order No.	Pcs./Pkt.
D-MSDBV 2,5	3251018	50

ESB 2-MZDB	24 A	3029703	10

Feed-through and multi-conductor terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.

①



30 A, feed-through terminal block, lateral conductor entry

①



30 A, feed-through terminal block, lateral conductor entry, 4 connections

Dimensions		
		[mm]
Maximum electrical data		
Maximum bridge current		[A]
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm²]
General data		
Stripping length		[mm]

Technical data[1])

Width	Length	Height	
5.2	**42.7**	**32 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**800**	**0.08 - 4**	**28-12**
-			
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 / 2.5	20 / -	20 / -	- / -
8			

Ordering data

Description	No. of pos.	Color
Terminal block		gray
		blue

Type		Order No.	Pcs./Pkt.
MSBV 2,5-NS 35	①	3249088	50
MSBV 2,5-NS 35 BU	①	3249091	50

Accessories[1])

Cover, 4 mm width		gray
Insertion bridge, fully insulated		
	2	gray

Type	Order No.	Pcs./Pkt.
D-MSBV 2,5	3251018	50

Dimensions			
			[mm]
Maximum electrical data			
Maximum bridge current			[A]
Rated data			
Rated voltage			[V]
Nominal current / cross section			[A] / [mm²]
General data			
Stripping length			[mm]

Technical data[1])

Width	Length	Height	
10.4	**42.7**	**32 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**800**	**0.08 - 4**	**28-12**
24			
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 / 2.5	20 / -	20 / -	- / -
8			

Ordering data

Description	No. of pos.	Color
Terminal block		gray
		blue

Type		Order No.	Pcs./Pkt.
MSDBV 2,5-NS 35	①	3249211	50
MSDBV 2,5-NS 35 BU	①	3249224	50

Accessories[1])

Cover, 4 mm width		gray
Insertion bridge, fully insulated		
	2	gray

Type	Order No.	Pcs./Pkt.
D-MSDBV 2,5	3251018	50

ESB 2-MZDB	24 A	3029703	10

Feed-through and multi-conductor terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 156.





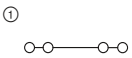
30 A, feed-through terminal block, for grouping

Technical data[1])			
Width	Length	Height	
5.2	**32**	**22**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**800**	**0.08 - 4**	**28-12**
-			
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 / 2.5	20 / -	20 / -	- / -
8			

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
MSBV 2,5-M ①	3249062	50	
MSBV 2,5-M BU ①	3249075	50	

Accessories[1])			
D-MSBV 2,5	3251018	50	

Description	No. of pos.	Color
Terminal block		gray
		blue
Cover, 4 mm width		gray
Insertion bridge, fully insulated	2	gray





30 A, feed-through terminal block, for grouping, 4 connections

Technical data[1])			
Width	Length	Height	
10.4	**32**	**22**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**800**	**0.08 - 4**	**28-12**
24			
IEC	UL / CUL	CSA	Ex
800	600	600	-
24 / 2.5	20 / -	20 / -	- / -
8			

Ordering data			
Type	**Order No.**	Pcs./Pkt.	
MSDBV 2,5-M ①	3249198	50	
MSDBV 2,5-M BU ①	3249208	50	

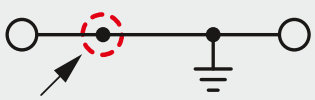
Accessories[1])			
D-MSBV 2,5	3251018	50	
ESB 2-MZDB	3029703	10	24 A

4 mm² ST spring-cage connection terminal blocks

General technical data for 4 mm² ST spring-cage connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm²]	4			
Cross section range	AWG	28 - 10			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			
Note: Additional or deviating data is documented for the product.					

Notes:



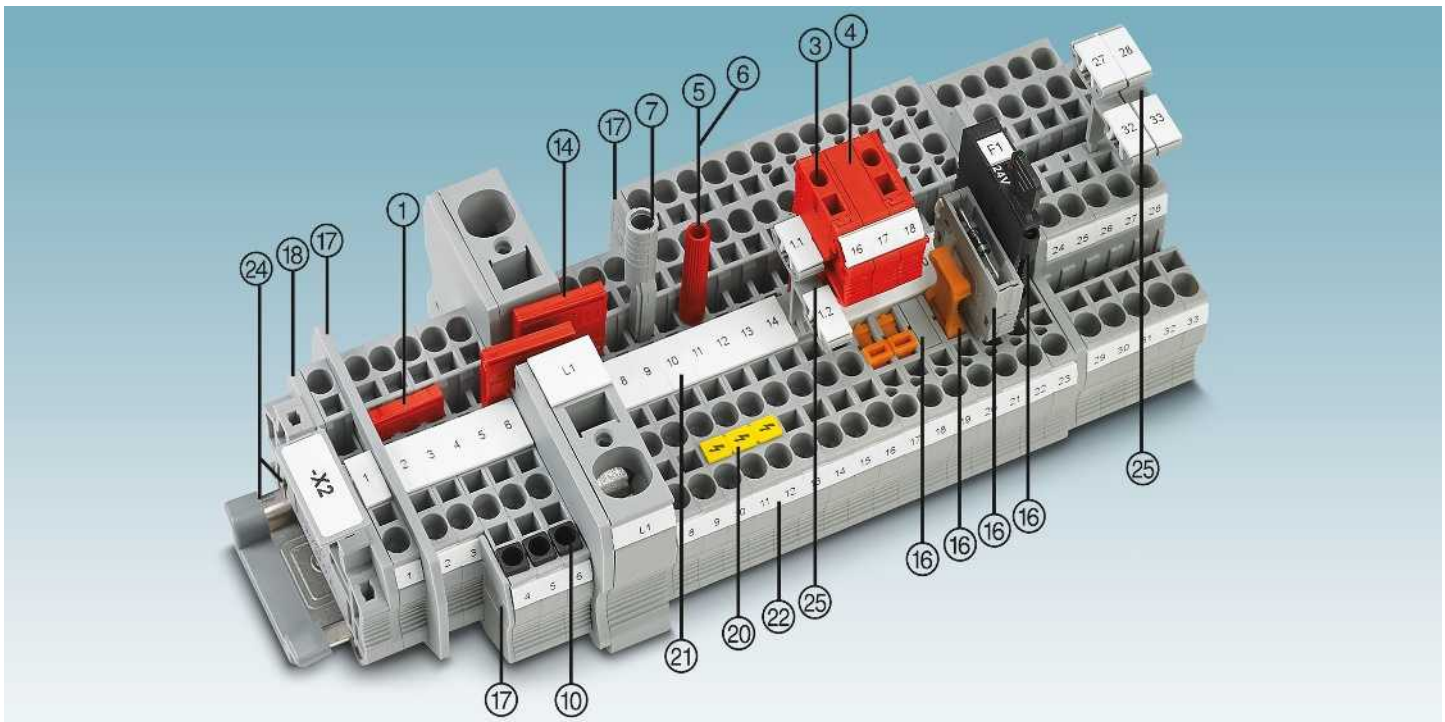
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 4 mm² ST spring-cage connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-6**	3030336	50	**FBSR 2-6**	3033715	50
	3	red	**FBS 3-6**	3030242	50	**FBSR 3-6**	3001594	50
	4	red	**FBS 4-6**	3030255	50	**FBSR 4-6**	3001595	50
	5	red	**FBS 5-6**	3030349	50	**FBSR 5-6**	3001596	50
	10	red	**FBS 10-6**	3030271	10	**FBSR 10-6**	3033716	10
	20	red	**FBS 20-6**	3030365	10			
③ **Modular test plug**		red	**PS-6**	3030996	10			
④ **Spacer plate**		red	**DP PS-6**	3036738	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve,** 0.25 - 0.5 mm²		gray	**ISH 4/0,5**	3002885	50			
0.75 - 1 mm²		black	**ISH 4/1,0**	3002898	50			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

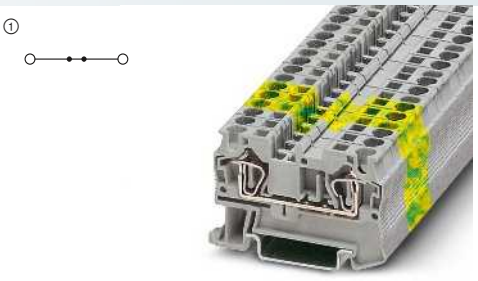
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉑ **Center groove marking**	**UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉕ **Marker carrier**	**For STP ..., see page 412.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

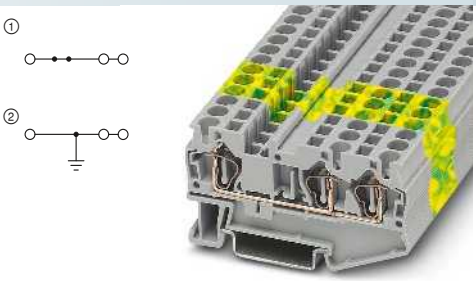
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 174.

For information on installation and using accessories for Ex applications, see page 644.





40 A, feed-through terminal block

DNV GL ClassNK CB

Ex: EAC Ex

KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	56	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		40	800	0.08 - 6 / 28-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / - / 30 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 4**	①	3031364	50
	blue	**ST 4 BU**	①	3031377	50
Ground terminal	green-yellow	**ST 4-PE**		3031380	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 4**	3030420	50

40 A, feed-through terminal block, 3 connections

DNV GL ClassNK CB

Ex: EAC Ex

KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data[1])

		Width	Length	Height
		6.2	71.5	36.5 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		40	800	0.08 - 6 / 28-10
		32 (FBS) / 24 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		800	600	600 / 550
		32 / 4	30 / -	30 / - / 30 / 4

Ordering data

Type		Order No.	Pcs./Pkt.
ST 4-TWIN	①	3031393	50
ST 4-TWIN BU	①	3031403	50
ST 4-TWIN-PE	②	3031416	50

Accessories[1])

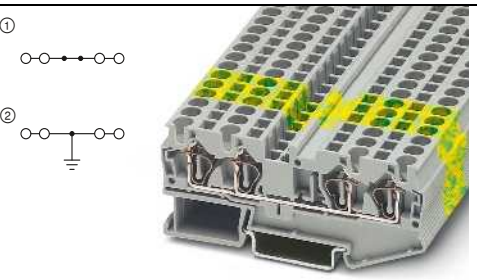
D-ST 4-TWIN	3030491	50

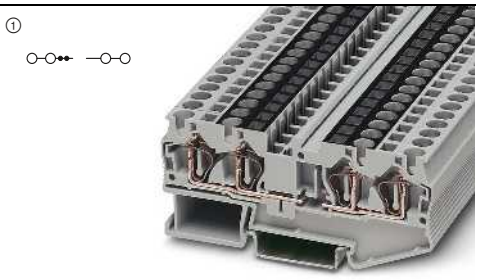
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 174.

For information on installation and using accessories for Ex applications, see page 644.





40 A, feed-through terminal block, 4 connections

DNV GL ClassNK CB

Ex: EAC Ex

KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	87	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		40	800	0.08 - 6 / 28-10
Maximum bridge current	[A]	32 (FBS)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / - / 28.5 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 4-QUATTRO**	①	3031445	50
	blue	**ST 4-QUATTRO BU**	①	3031458	50
	gray				
Ground terminal	green-yellow	**ST 4-QUATTRO-PE**	②	3031461	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 4-QUATTRO**	3030527	50

37 A, feed-through terminal block, 4 connections, with interrupted current bar

CB

Technical data[1])

		Width	Length	Height
		6.2	87	36.5 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		37	800	0.08 - 6 / 28-10
		32 (FBS) / 24 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		800	600	- / -
		28 / 4	30 / -	- / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
ST 4-QUATTRO-U	①	3038639	50

Accessories[1])

D-ST 4-QUATTRO	3030527	50

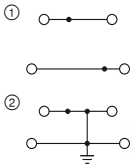
4 mm² ST spring-cage connection terminal blocks

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 174.

For information on installation and using accessories for Ex applications, see page 644.





32 A, double-level terminal block

Ex: EAC Ex

KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data[1])

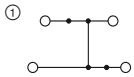
Dimensions				
	[mm]	Width	Length	Height
		6.2	**83.5**	**47.5 (NS 35/7,5)**
Maximum electrical data				
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32	**500**	**0.08 - 6 / 28-10**
Maximum bridge current	[A]	26 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	300 / 440
Nominal current / cross section	[A] / [mm²]	30 / 4	30 / -	30 / - / 26.5 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STTB 4**	①	3031429	50
	blue	**STTB 4 BU**	①	3031432	50
	gray				
Ground terminal	green-yellow	**STTB 4-PE**	②	3036039	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STTB 4**	3030462	50





32 A, double-level terminal block, with equipotential bonding

Ex: EAC Ex

KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data[1])

Width	Length	Height		
6.2	**83.5**	**47.5 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
32	**500**	**0.08 - 6**	**28-10**	
22 (FBS) / 22 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	600	300	440	
30 / 4	30 / -	30 / -	26.5 / 4	

Ordering data

Type		Order No.	Pcs./Pkt.
STTB 4-PV	①	3031542	50

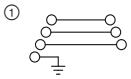
Accessories[1])

D-STTB 4	3030462	50

Multi-level terminal block

Notes:

[1]) For additional accessories and technical data, see page 174.





32 A, four-level terminal block with PE foot

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	**101**	**83.5 (NS 35/7,5)**
Maximum electrical data				
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32	**800**	**0.08 - 6 / 28-10**
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	28 / 4	30 / -	30 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 4-PE/3L**	①	3038338	50

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

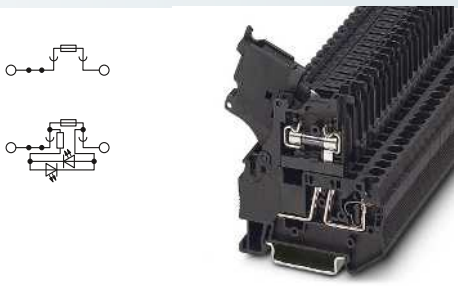
Notes:

[1]) For additional accessories and technical data, see page 174.

[2]) If the fuse is faulty, the downstream circuit is not off load.

[3]) The current is determined by the fuse used, the voltage by the selected light indicator. Observe the maximum power dissipation, see phoenixcontact.net/products.

For the derating curve, see phoenixcontact.net/products



6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses



20 A, lever-type disconnect terminal block, same shape

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**61.5**	**62.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		6.3[3])	**500[3])**	**0.08 - 6**	**28-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[3])	300	300	-
Nominal current / cross section	[A] / [mm²]	6.3[3]) / 1	10 / -	6.3 / -	- / -

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**61.5**	**62.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**500**	**0.08 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	- / -	- / -	- / -

		Ordering data			
Description	Color	**Type**		**Order No.**	Pcs./Pkt.
Fuse terminal block	black	**ST 4-HESI (5X20)**	①	3036369	50
With LED for 12-30 V DC, 0.31-0.95 mA²)	black	**ST 4-HESILED 24 (5X20)**	②	3036547	50
for 30–60 V AC/DC, 0.40–0.86 mA²)	black	**ST 4-HESILED 60 (5X20)**	②	3036550	50
110 – 250 V AC/DC, 0.41 – 0.96 mA²)	black	**ST 4-HESILA 250 (5X20)**	②	3036563	50
Disconnect terminal block	black/orange				

Ordering data			
Type		**Order No.**	Pcs./Pkt.
ST 4-HEDI	①	3035140	50

Fuse terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 174.

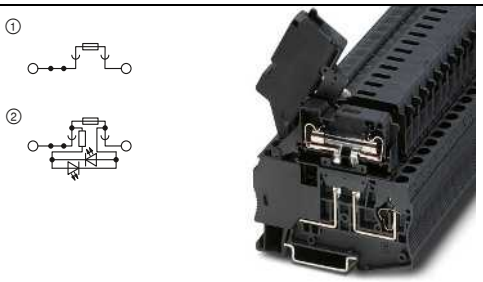
[2]) If the fuse is faulty, the downstream circuit is not off load.

[3]) For derating curve, visit phoenixcontact.net/products

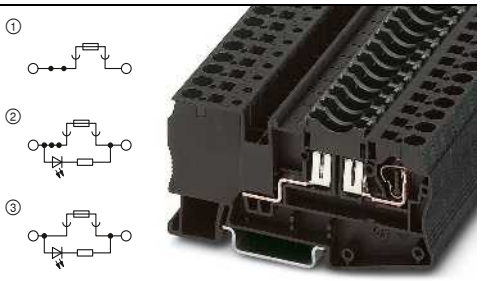
[4]) The current is determined by the fuse used, the voltage by the selected light indicator. Observe the maximum power dissipation, see phoenixcontact.net/products.

The recommended continuous load capacity of the fuse-links according to DIN 72581/Part 3 is max. 80 percent of their nominal current (at an ambient temperature of 23°C)

You can find a selection of matching thermal TCP circuit breakers in Catalog 4.



10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses



30 A, fuse terminal block for type C flat-type fuses

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**8.2**	**76.5**	**69 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		10[4])	**400**	**0.08 - 6**	**28-10**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	10[4]) / 1.5	15 / -	10 / -	- / -

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**8.2**	**86.5**	**43.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[3])	**400[4])**	**0.08 - 6**	**28-10**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400[4])	300	300	-
Nominal current / cross section	[A] / [mm²]	30[4]) / 4	30 / -	10 / -	- / -

		Ordering data			
Description	Color	**Type**		**Order No.**	Pcs./Pkt.
Fuse terminal block	black	**ST 4-HESI (6,3X32)**	①	3036385	50
With LED for 12–30 V AC/DC, 0.31–0.95 mA²)	black	**ST 4-HESILED 24 (6,3X32)**	②	3038765	50
110 – 250 V AC/DC, 0.41 – 0.96 mA²)	black	**ST 4-HESILA 250 (6,3X32)**	②	3038778	50
Fuse terminal block, for flat-type fuses	black				
With light indicator for 12 V DC, 1.7 mA²)	black				
With light indicator for 24 V DC, 1.9 mA²)	black				

Ordering data			
Type		**Order No.**	Pcs./Pkt.
ST 4-FSI/C	①	3036372	50
ST 4-FSI/C-LED 12	②	3036495	50
ST 4-FSI/C-LED 24	③	3036505	50

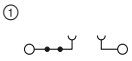
4 mm² ST spring-cage connection terminal blocks

Disconnect and knife disconnect terminal blocks

Notes:

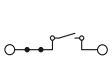
[1]) For additional accessories and technical data, see page 174.

[2]) Current and voltage are determined by the connector used.

① 



20 A, disconnect terminal block

① 



20 A, knife disconnect terminal block

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**6.2**	**61.5**	**36.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20[2])	**500[2])**	**0.08 - 6**	**28-10**
Maximum bridge current [A]	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500[2])	300	300	-
Nominal current / cross section [A] / [mm²]	20[2]) / 2.5	10 / -	16 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**ST 4-TG**	①	3038367	50
Knife disconnect terminal block	gray				

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**6.2**	**61.5**	**36.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20	**400**	**0.08 - 6**	**28-10**
Maximum bridge current [A]	20 (FBS) / 20 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400	300	300	-
Nominal current / cross section [A] / [mm²]	20 / 2.5	10 / -	16 / -	- / -

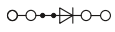
Ordering data

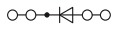
Description	Color	Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**ST 4-MT**	①	3038875	50
Knife disconnect terminal block	gray				

Diode terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 174.

① 

② 



1.5 A, diode terminal block, 1N 5408 (1000 V/1.5 A), 4 connections

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**6.2**	**87**	**36.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	1.5	**800**	**0.08 - 6**	**-**
Maximum bridge current [A]	15 (FBS) / 15 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	-	-	-
Nominal current / cross section [A] / [mm²]	1.5 / 1	- / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**ST 4-QUATTRO-DIO 1N 5408/L-R**	①	3037782	50
	gray	**ST 4-QUATTRO-DIO 1N 5408/R-L**	②	3037795	50

Accessories[1])

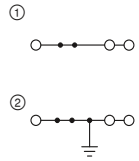
Cover, width: 2.2 mm	gray	**D-ST 4-QUATTRO**		3030527	50

Hybrid terminal blocks with screw connection on one side, 4 (6) mm²

Notes:

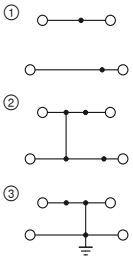
[1]) For additional accessories and technical data, see page 174.

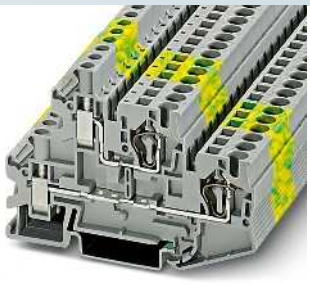
[2]) For screw connection rated data, see page 228.





38 A, feed-through terminal block, 3 connections





36 A, double-level terminal block

Technical data[1])								
Dimensions		Width	Length	Height		Width	Length	Height
	[mm]	**6.2**	**74.4**	**42.8 (NS 35/7,5)**		**6.2**	**81**	**55.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	**800**	**0.08 - 6**	**28-10**	**36**	**500**	**0.08 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)				26 (FBS) / 24 (FBSR)			
Rated data[2])		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-	500	-	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / -	- / -	30 / 4	- / -	- / -	- / -
Cross section range	AWG	26 - 10	-	-	-	28 - 10	-	-	-

Ordering data								
Description	Color	**Type**		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Terminal block	gray	**STU 4-TWIN**	①	3033058	50	**STTBU 4**	①	3033155	50
	blue	**STU 4-TWIN BU**	①	3033061	50	**STTBU 4 BU**	①	3033168	50
With potential distribution	gray					**STTBU 4-PV**	②	3033184	50
Ground terminal	green-yellow	**STU 4-TWIN-PE**	②	3033074	50	**STTBU 4-PE**	③	3033171	50

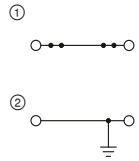
Accessories[1])							
Cover, width: 2.2 mm	gray	**D-STU 4-TWIN**	3033087	50	**D-STTBU 4**	3033207	50

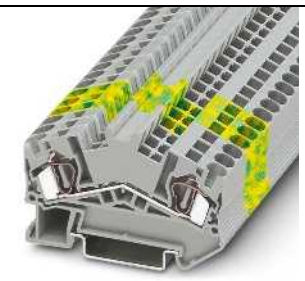
Desk-design terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 174.

For information on installation and using accessories for Ex applications, see page 644.

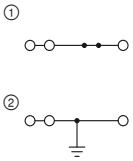




38 A, feed-through terminal block

Ex: EAC Ex

PTB 07ATEX1027U / IECEx PTB 07.0024U





38 A, feed-through terminal block, 3 connections

Ex: EAC Ex

PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data[1])								
Dimensions		Width	Length	Height		Width	Length	Height
	[mm]	**6.2**	**64.5**	**43 (NS 35/7,5)**		**6.2**	**64.5**	**43 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	**800**	**0.08 - 6**	**28-10**	**38**	**800**	**0.08 - 6**	**28-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)				32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550	800	600	600	550
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / -	28.5 / 4	32 / 4	30 / -	30 / -	30 / 4

Ordering data								
Description	Color	**Type**		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Terminal block	gray	**STS 4**	①	3036424	50	**STS 4-TWIN**	①	3031665	50
	blue	**STS 4 BU**	①	3036437	50	**STS 4-TWIN BU**	①	3036291	50
Ground terminal	green-yellow	**STS 4-PE**	②	3036440	50	**STS 4-TWIN-PE**	②	3031678	50

Accessories[1])							
Cover, width: 2.2 mm	gray	**D-STS 4**	3031704	50	**D-STS 4**	3031704	50

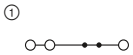
4 mm² ST spring-cage connection terminal blocks

Desk-design terminal blocks

Notes:

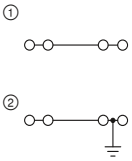
[1]) For additional accessories and technical data, see page 174.

For information on installation and using accessories for Ex applications, see page 644.





38 A, feed-through terminal block, 3 connections





38 A, feed-through terminal block, 4 connections

Ex: EAC Ex

PTB 07ATEX1027U / IECEx PTB 07.0024U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	6.2	64.6	43 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	800	0.08 - 6	28-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	- / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	6.2	64.5	43 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38	800	0.08 - 6	28-10
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / -	28.5 / 4

Ordering data

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Type		Order No.	Pcs./Pkt.
STS 4-TWIN/L	①	3036592	50
STS 4-TWIN/L BU	①	3036589	50

Ordering data

Type		Order No.	Pcs./Pkt.
STS 4-QUATTRO	①	3031681	50
STS 4-QUATTRO BU	①	3036301	50
STS 4-QUATTRO-PE	②	3031694	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STS 4-TWIN/L**	3036770	50

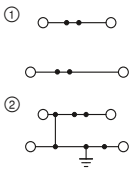
Accessories[1])

D-STS 4		3031704	50

Desk-design terminal blocks

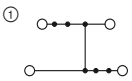
Notes:

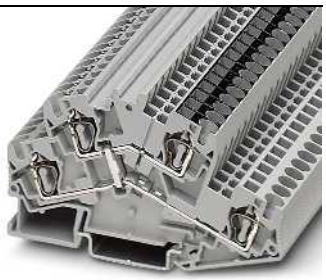
[1]) For additional accessories and technical data, see page 174.





34 A, double-level terminal block





34 A, double-level terminal block, with equipotential bonding

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	6.2	92.4	55 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		34	500	0.08 - 6	28-10
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	28 / 4	30 / -	30 / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	6.2	92.4	55 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		34	500	0.08 - 6	28-10
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	28 / 4	30 / -	30 / -	- / -

Ordering data

Description	Color
Terminal block	gray
	blue
With potential distribution	gray
Ground terminal	green-yellow

Type		Order No.	Pcs./Pkt.
STTBS 4	①	3035056	50
STTBS 4 BU	①	3035069	50
STTBS 4-PE	②	3035072	50

Ordering data

Type		Order No.	Pcs./Pkt.
STTBS 4-PV	①	3035085	50

Accessories[1])

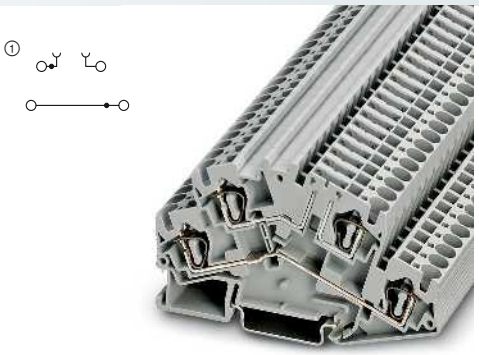
Cover, width: 2.2 mm	gray	**D-STTBS 4**	3035098	50

Accessories[1])

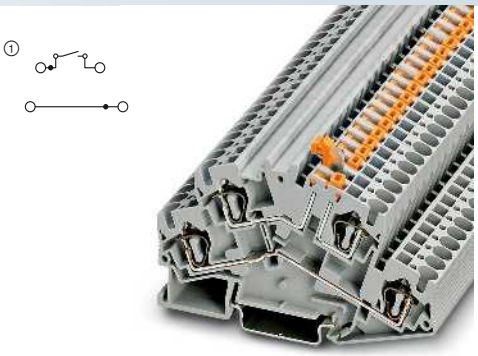
D-STTBS 4		3035098	50

Desk-design disconnect and knife disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 174.
2) Current and voltage are determined by the connector used.
3) Lower level



34 A, double-level terminal block with disconnect zone



34 A, double-level knife disconnect terminal block

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	**92.4**	**55 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		34[3])	**500[2])**	**0.08 - 6** / **28-10**
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500[2])	600	- / -
Nominal current / cross section	[A] / [mm²]	28[2]) / 2.5	16 / -	- / - / - / -
Nominal current / cross section	[A] / [mm²]	20 (disconnect level)		

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**STTBS 4-TG**	①	3035483	50
Knife disconnect terminal block	gray				
	blue				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STTBS 4-MT**	3035548	50

Technical data[1])

Width	Length	Height	
6.2	**92.4**	**55 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
34[3])	**500**	**0.08 - 6**	**28-10**
28 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	-	-
28[2]) / 2.5	16 / -	- / -	- / -
20 (disconnect level)			

Ordering data

Type		Order No.	Pcs./Pkt.
STTBS 4-MT	①	3035470	50
STTBS 4-MT BU	①	3035522	50

Accessories[1])

D-STTBS 4-MT	3035548	50

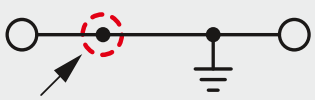
6 mm² ST spring-cage connection terminal blocks

General technical data for 6 mm² ST spring-cage connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm²]	6			
Cross section range	AWG	24 - 8			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	12			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



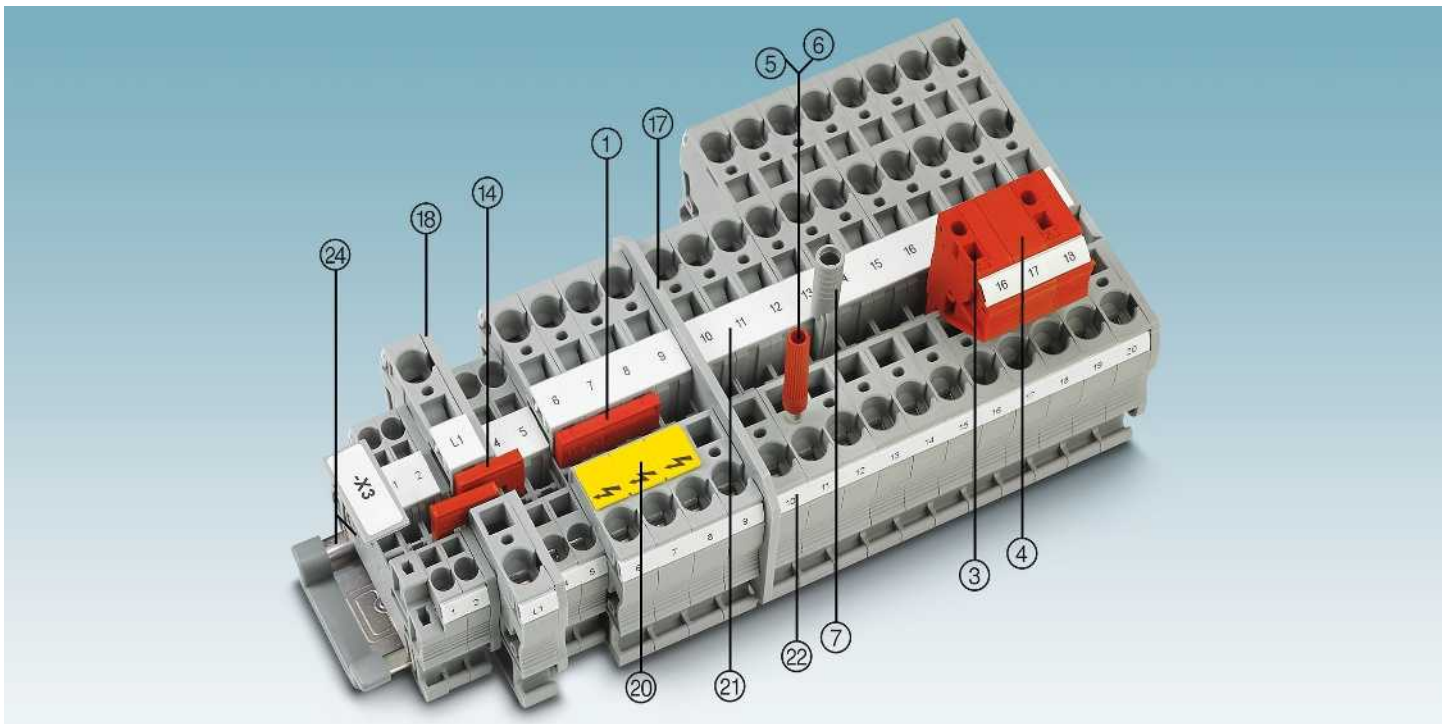
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 6 mm² ST spring-cage connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-8**	3030284	10	**FBSR 2-8**	3033808	10
	3	red	**FBS 3-8**	3030297	10	**FBSR 3-8**	3001597	10
	4	red	**FBS 4-8**	3030307	10	**FBSR 4-8**	3000585	10
	5	red	**FBS 5-8**	3030310	10	**FBSR 5-8**	3033809	10
	10	red	**FBS 10-8**	3030323	10	**FBSR 10-8**	3001599	10
	16	red				**FBSR 16-8**	3033816	10
③ **Modular test plug**		red	**PS-8**	3031005	10			
④ **Spacer plate**		red	**DP PS-8**	3036741	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
Screwdriver			**SZF 2-0,8X4,0**	1204520	10			

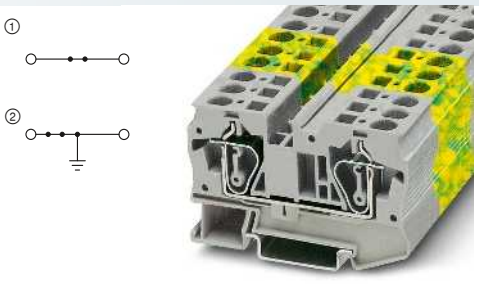
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉑ **Center groove marking**	**UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks and ground terminals

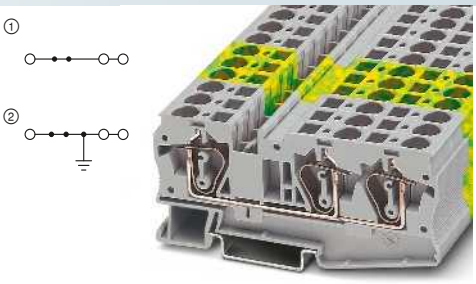
Notes:

[1]) For additional accessories and technical data, see page 182.

For information on installation and using accessories for Ex applications, see page 644.



52 A, feed-through terminal block



52 A, feed-through terminal block, 3 connections

DNV GL ClassNK

Ex: EAC Ex

KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**8.2**	**69.5**	**43.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		52	**1000**	**0.2 - 10**	**24-8**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	550
Nominal current / cross section	[A] / [mm²]	41 / 6	50 / -	50 / -	36.5 / 6

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 6**	①	3031487	50
	blue	**ST 6 BU**	①	3031490	50
Ground terminal	green-yellow	**ST 6-PE**	②	3031500	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 6**	3030433	50

Ex: EAC Ex

KEMA 00ATEX2129U / IECEx KEM 06.0050U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**8.2**	**90.5**	**43.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		52	**1000**	**0.2 - 10**	**24-8**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	550
Nominal current / cross section	[A] / [mm²]	41 / 6	50 / -	50 / -	36 / 6

Ordering data

Type		Order No.	Pcs./Pkt.
ST 6-TWIN	①	3036466	50
ST 6-TWIN BU	①	3036479	50
ST 6-TWIN-PE	②	3036482	50

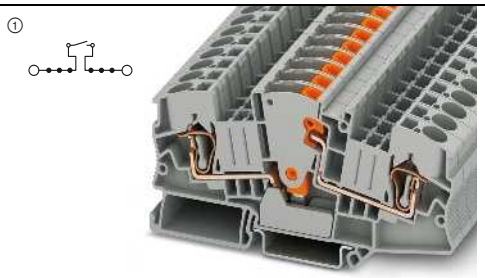
Accessories[1])

D-ST 6-TWIN	3036767	50

Measuring transducer disconnect terminal blocks
– Rated voltage of 1000 V

Notes:

[1]) For additional accessories and technical data, see page 182.



30 A, 1000 V, disconnect terminal block

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**8.2**	**100.8**	**49.6 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**1000**	**0.2 - 10**	**24-8**
Maximum bridge current	[A]	30 (FBS) / 30 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	30 / 6	30 / -	30 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STME 6 HV**	①	3035693	50
	blue	**STME 6 HV BU**	①	3035694	50

Accessories[1])

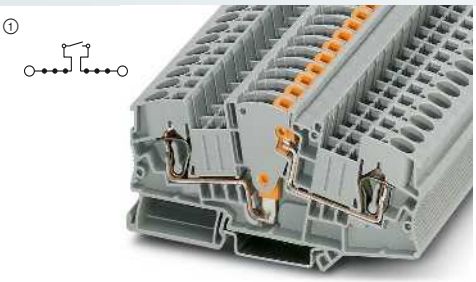
Cover, width: 2.2 mm	gray	**D-DTME 6**	3034426	10

6 mm² ST spring-cage connection terminal blocks

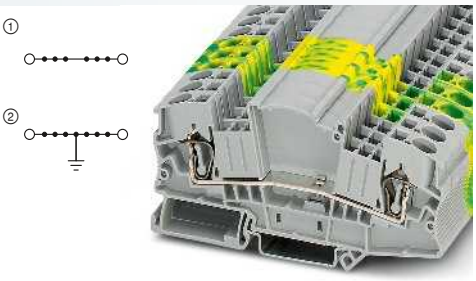
Measuring transducer disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 182.

① 

30 A, measuring transducer disconnect terminal block

① ② 

41 A, feed-through terminal block, same shape

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
8.2	**100.8**	**49.6 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**500**	**0.2 - 10**	**24-8**
30 (FBS) / 30 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
30 / 6	30 / -	30 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
STME 6	①	3035700	50

Accessories[1])

D-DTME 6	3034426	10

Technical data[1])

Width	Length	Height	
8.2	**100.8**	**49.6 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41	**1000**	**0.2 - 10**	**24-8**
30 (FBS) / 30 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41 / 6	30 / -	30 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
STMED 6	①	3035713	50
STMED 6-PE	②	3035726	50

Accessories[1])

D-DTME 6	3034426	10

Description	Color
Meas. trans. disconnect terminal block	gray
Feed-through terminal block	gray
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Supplementary accessories for STME 6 measuring transducer disconnect terminal blocks



– Current transformer measuring circuit can be created using just two STME 6
– Less space required compared to creating circuits with slide-type terminal blocks

① FBS... plug-in bridge for cross connection
② 4 mm Ø PAI-4-FIX... test plug adapter
③ S-ME 6 switching lock
④ SB-ME... bridge bar
⑤ C−ME 6/2 operating lever

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test connector, snapped into bridge shaft	1	orange	**PAI-4-FIX OG**	3034455	10
	1	yellow	**PAI-4-FIX YE**	3032745	10
	1	green	**PAI-4-FIX GN**	3032758	10
	1	violet	**PAI-4-FIX VT**	3032761	10
	1	black	**PAI-4-FIX BK**	3032774	10
	1	blue	**PAI-4-FIX BU**	3032729	10
	1	red	**PAI-4-FIX RD**	3032732	10
	1	gray	**PAI-4-FIX GY**	3032790	10
	1	brown	**PAI-4-FIX BN**	3032787	10
Switching lock, plug-in		white	**S-ME 6**	3034439	10
Bridge bar, plug-in	2	gray/orange	**SB-ME 2-8**	3034468	10
	3	gray/orange	**SB-ME 3-8**	3032800	10
	4	gray/orange	**SB-ME 4-8**	3034484	10
Operating lever, for actuating 2 meas. trans. disc. terminal blocks	2	orange	**C-ME 6/2**	3034442	10
	3	orange	**C-ME 6/3**	3034390	50

Diode terminal blocks

Notes:

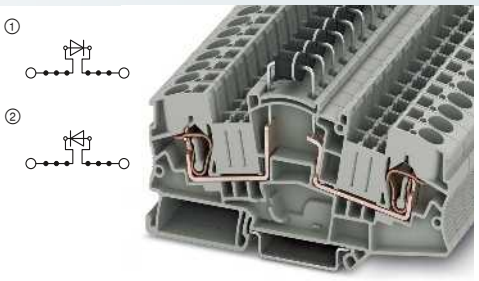
[1]) For additional accessories and technical data, see page 182.

[2]) If the diode is loaded to 5 A, the surface reaches a temperature of 140°C.

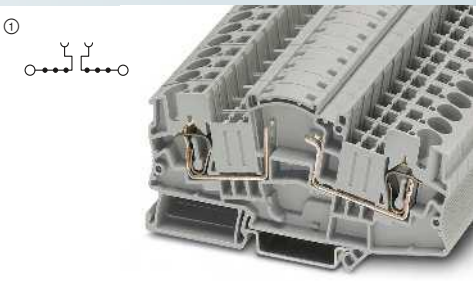
[3]) 1000 V reverse voltage.

If several diode terminal blocks need adding to the DIN rail, a spacer plate must be placed between them.

Covers should ensure that the parts are not touched.



5 A, 1000 V, diode terminal block, same shape



Terminal block, for soldering a component

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	**100.8**	**60 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		5[2])	**1000[3])**	**0.2 - 10** / **24-8**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000[3])	600	- / -
Nominal current / cross section	[A] / [mm²]	5[2]) / 6	5 / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**STME 6-DIO/L-R HV**	①	3035691	50
	gray	**STME 6-DIO/R-L HV**	②	3035692	50
Terminal block, component can be soldered in	gray				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-DTME 6**	3034426	10
Spacer plate	gray	**DP-STMED 6**	3035690	50

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	**100.8**	**60 (NS 35/7,5)**
Maximum electrical data			$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
			500	**0.2 - 10** / **-**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	-	- / -
Nominal current / cross section	[A] / [mm²]	30 / 6	- / -	- / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
STME 6-BE	①	3035688	50

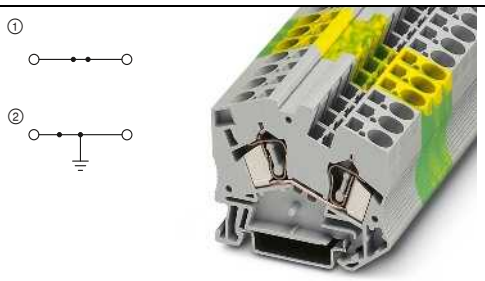
Accessories[1])

D-DTME 6	3034426	10
DP-STMED 6	3035690	50

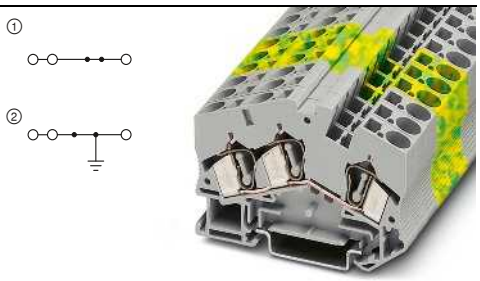
Desk-design terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 182.



57 A, feed-through terminal block



57 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	**58**	**50 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		57	**800**	**0.2 - 10** / **24-8**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	41 / 6	50 / -	50 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STS 6**	①	3038121	50
	blue	**STS 6 BU**	①	3038134	50
Ground terminal	green-yellow	**STS 6-PE**	②	3038147	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STS 6**	3038189	50

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	**70**	**50 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		57	**800**	**0.2 - 10** / **24-8**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	41 / 6	50 / -	50 / - / - / -

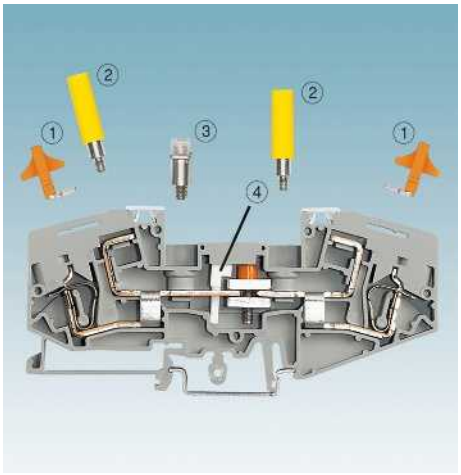
Ordering data

Type		Order No.	Pcs./Pkt.
STS 6-TWIN	①	3038150	50
STS 6-TWIN BU	①	3038163	50
STS 6-TWIN-PE	②	3038176	50

Accessories[1])

D-STS 6-TWIN	3038202	50

Measuring transducer disconnect terminal blocks

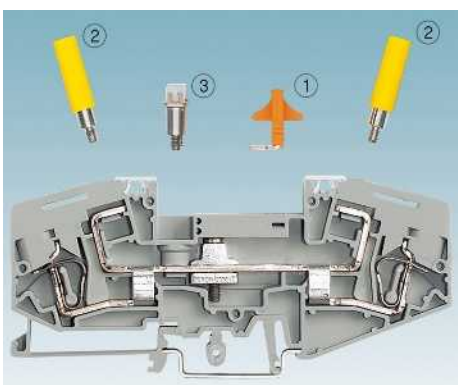


– The SRTK 6 measuring transducer disconnect terminal block and the SGSK 6 slide-type terminal block were specially designed for use in current transformer secondary circuits
– Only two SRTK 6 measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit
– Less space required compared to creating circuits with slide-type terminal blocks

① SB... switch bar
② PSBJ-URTK 6... 4 mm Ø test sockets
③ FBRI 10-8 N fixed bridge for cross connection
④ S-URTK/SP switching lock

Slide-type terminal blocks

– Several measuring devices or protective relays can be connected individually using the SGSK 6 slide-type terminal block
– The slide can be connected with the switch bar depending on the switching tasks

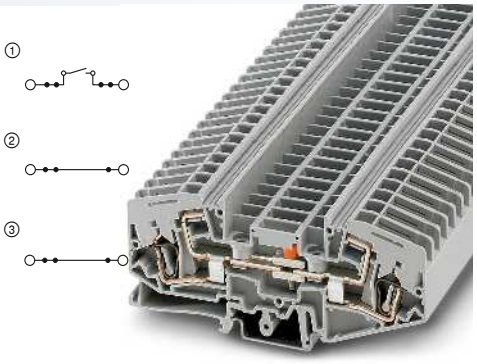


SGSK 6 slide-type terminal block

Notes:

For technical data, see page 182.

S-URTK/SP switching lock can only be used with SRTK 6.



45 A, measuring transducer disconnect terminal block

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		8.2	**113**	**49**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		45	**400**	**0.2 - 10** / **18-8**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	400	300	- / -
Nominal current / cross section	[A] / [mm²]	41 / 6	40 / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 10	0.2 - 6	0.25 - 6 / 0.25 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1.5
General data				
Disconnect slide: Thread / Torque	- / [Nm]	M3 / 0.6 - 0.8		
Torque: Test socket, fixed bridge, switch bar	[Nm]	0.6 - 0.8		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Meas. trans. disconnect terminal block		gray	**SRTK 6**	①	3029952	50
Slide-type terminal block		gray	**SGSK 6**	②	3029965	50
Feed-through terminal block		gray	**SRDK 6**	③	3029973	50

Accessories

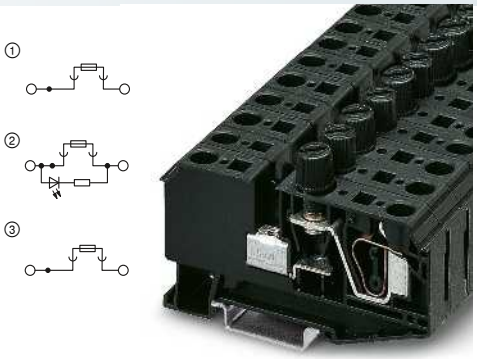
Cover, width: 2 mm		gray	**D-SRTK 6**		3029981	10
Bridge bar, complete						
	2	orange	**SB 2-8-T**	41 A	3026366	10
	3	orange	**SB 3-8-T**	41 A	3026492	10
	4	orange	**SB 4-8-T**	41 A	3026379	10
	10	orange	**SB 10-8-T**	41 A	3026382	10
for bridging between non-adjacent terminals	10	orange	**SB 10-8-T SO**	41 A	3026395	10
Fixed bridge, insulated						
	10	silver	**FBRI 10-8 N**	41 A	2772080	10
Switching lock, excludes the possibility of unintentional operation of the disconnect slide		white	**S-URTK/SP**		0311155	50
Test socket, insulated		transparent	**PSBJ-URTK 6 FARBLOS**		3026450	10
		blue	**PSBJ-URTK 6 BU**		3026434	10
		yellow	**PSBJ-URTK 6 YE**		3026405	10
		green	**PSBJ-URTK 6 GN**		3026418	10
		violet	**PSBJ-URTK 6 VT**		3026421	10
		black	**PSBJ-URTK 6 BK**		3026447	10
		gray	**PSBJ-URTK 6 GY**		3026612	10
		brown	**PSBJ-URTK 6 BN**		3026971	10
		red	**PSBJ-URTK 6 RD**		3026719	10
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos.		black	**KSSI 2-8**		3000722	10
		black	**KSSI 4-8**		3000735	10
Screwdriver			**SZF 2-0,8X4,0**		1204520	10
Center groove marking			**UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)**			

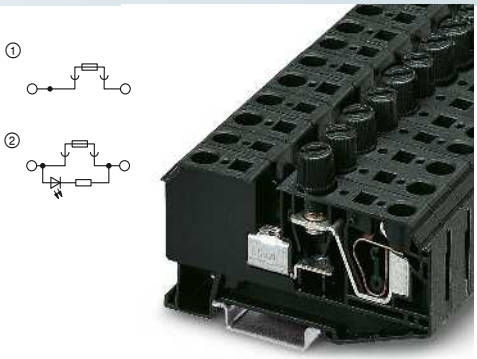
Fuse terminal blocks

Notes:

1) If the fuse is faulty, the downstream circuit is not off load.

2) The current is determined by the fuse used, the voltage by the selected light indicator. Observe the maximum power dissipation, see phoenixcontact.net/products.





10 A, fuse terminal block for 5 x 20 mm cartridge fuses

10 A, fuse terminal block for 6.3 x 32 mm cartridge fuses

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**12**	**86.5**	**56.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		10[2])	**800**[2])	**0.5 - 10**	**20-8**
Rated data		IEC 60947-7-3 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800[2])	600	-	-
Nominal current / cross section	[A] / [mm²]	10[2]) / 1.5	20 / -	-	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	20 - 8	20-8	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Fuse type / dimensions	– / [mm]	G / 5 x 20			
Stripping length	[mm]	12			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**12**	**86.5**	**56.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		10	**800**	**0.5 - 10**	**20-8**
Rated data		IEC 60947-7-3 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	10 / 1.5	20 / -	-	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	20 - 8	20-8	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Fuse type / dimensions	– / [mm]	G / 6.3 x 32			
Stripping length	[mm]	12			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block		black	**ZFK 6-DREHSI (5X20)**	①	3025040	25
for 12 - 30 V DC, 0.7 - 2.4 mA[1])		black	**ZFK 6-DREHSILED 24 (5X20)**	②	3025600	25
110 – 250 V AC/DC, 0.2 – 0.9 mA[1])		black	**ZFK 6-DREHSILA 250 (5X20)**	②	3025590	25
Fuse terminal block, with indicating pin		black	**ZFK 6-DREHSI/K (5X25)**	③	3029457	25

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
ZFK 6-DREHSI (6,3X32)	①	3025273	25
ZFK 6-DREHSILED 24 (6,3X32)	②	3025587	25
ZFK 6-DREHSILA 250 (6,3X32)	②	3025574	25

Accessories

Fixed bridge, insulated	10	silver	**FBI 10-12**	57 A	0203454	10
Test plug metal part, 2.3 mm Ø		silver	**MPS-MT**		0201744	10
Insulating sleeve, for MPS metal part		red	**MPS-IH RD**		0201676	10
Screwdriver			**SZF 2-0,8X4,0**		1204520	10
Center and lateral groove marking			**UC-TMF 12, UCT-TMF 12 or ZBF 12 (see Catalog 3)**			

Accessories

FBI 10-12	57 A	0203454	10
SZF 2-0,8X4,0		1204520	10
UC-TMF 12, UCT-TMF 12 or ZBF 12 (see Catalog 3)			

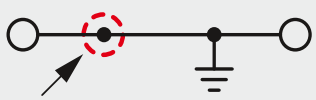
10 mm² ST spring-cage connection terminal blocks

General technical data for 10 mm² ST spring-cage connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	10			
Cross section range	AWG	24 - 6			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 16	0.2 - 10	0.25 - 10	0.25 - 10
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 2.5
General data					
Stripping length	[mm]	18			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



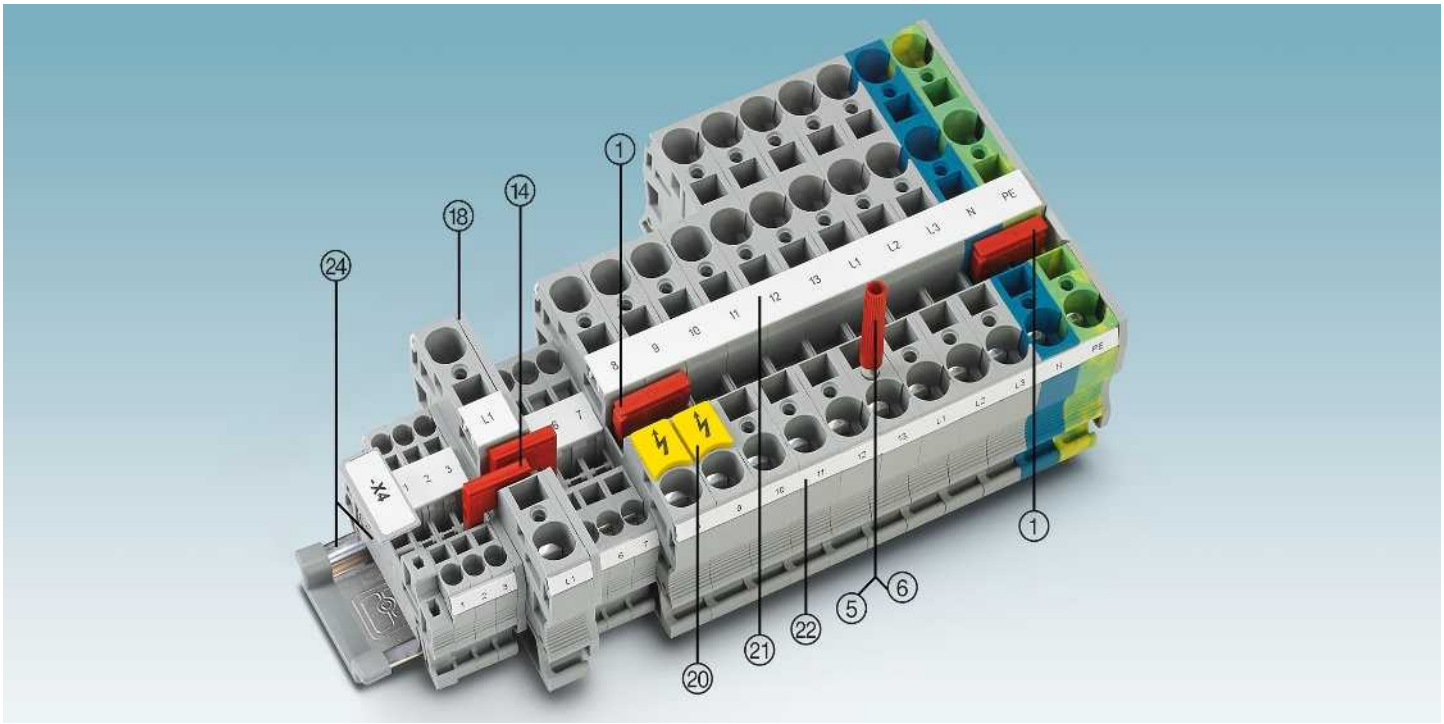
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 10 mm² ST spring-cage connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-10**	3005947	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

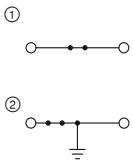
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉑ **Center groove marking**	**UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 10, UCT-TMF 10 or ZBF 10. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks and ground terminals

Notes:

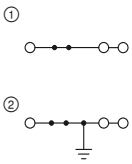
[1]) For additional accessories and technical data, see page 188.

For information on installation and using accessories for Ex applications, see page 644.





65 A, feed-through terminal block





57 A, feed-through terminal block, 3 connections

Ex: EAC Ex

KEMA 01ATEX2260 U / IECEx KEM 06.0033U

		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**10.2**	**71.5**	**50.3 (NS 35/7,5)**		**10.2**	**95.4**	**50.3 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		65	**1000**	**0.2 - 16**	**16-6**	**57**	**1000**	**0.2 - 16**	**16-6**
Maximum bridge current	[A]	57				57			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	550	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	57 / 10	65 / -	65 / -	50 / 10	57 / 10	55 / -	55 / -	- / -

		Ordering data				Ordering data			
Description	Color	**Type**		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Terminal block	gray	**ST 10**	①	3036110	50	**ST 10-TWIN**	①	3035288	25
	blue	**ST 10 BU**	①	3036123	50	**ST 10-TWIN BU**	①	3035292	25
Ground terminal	green-yellow	**ST 10-PE**	②	3036136	50	**ST 10-TWIN-PE**	②	3035302	25
		Accessories[1])				Accessories[1])			
Cover, width: 2.2 mm	gray	**D-ST 10**		3036644	50	**D-ST 10-TWIN**		3035315	50

10 mm² ST spring-cage connection terminal blocks

Hybrid terminal blocks with screw connection on one side, 16 (16) mm²

Notes:

For additional accessories and technical data, see page 188.



57 A, potential collective terminal, 4 inputs 2.5 mm²

Technical data

Dimensions					
	[mm]	Width	Length	Height NS 35/7,5	
		10.3	**68**	**48.3**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		57	**800**	**0.5 - 16**	**20-8**
Rated data, screw connection		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	55 / 10	50 / -	-	-
Cross section range	AWG	20 - 6	20-8	-	-
Connection capacity, screw connection		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 6
Rated data, spring-cage connection		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	50 / -	-	-
Cross section range	AWG	24 - 10	20-8	-	-
Connection capacity, spring-cage connection		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.14 - 0.5
General data					
Stripping length	[mm]	8 - 10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		gray	**STU 10/ 4X2,5**		3033139	50
		blue	**STU 10/ 4X2,5 BU**		3033142	50

Accessories

Pick-off terminal block, for snapping into the lateral guide		gray	**AGK 4-UT 10**		3047112	50
Cover, width: 2.2 mm		gray	**D-STU 10/ 4X2,5**		3033197	50
Plug-in bridge						
	2	red	**FBS 2-5**	24 A	3030161	50
	3	red	**FBS 3-5**	24 A	3030174	50
	4	red	**FBS 4-5**	24 A	3030187	50
	5	red	**FBS 5-5**	24 A	3030190	50
	10	red	**FBS 10-5**	24 A	3030213	10
Screwdriver			**SZF 2-0,8X4,0**		1204520	10
Center and lateral groove marking			**UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)**			

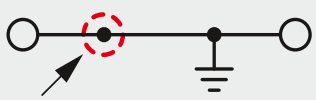
16 mm² ST spring-cage connection terminal blocks

General technical data for 16 mm² ST spring-cage connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	16			
Cross section range	AWG	24 - 4			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 25	0.2 - 16	0.25 - 16	0.25 - 16
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 4
General data					
Stripping length	[mm]	18			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



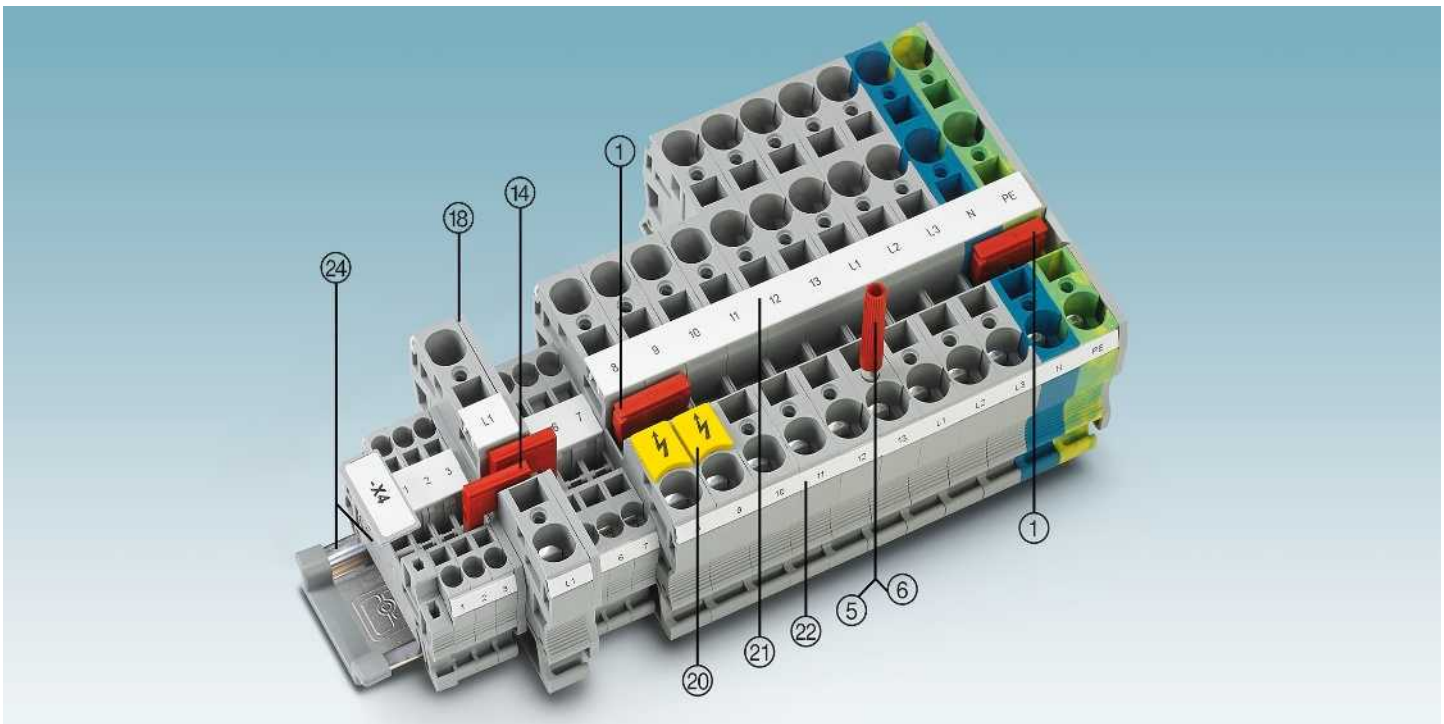
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 16 mm² ST spring-cage connection terminal blocks

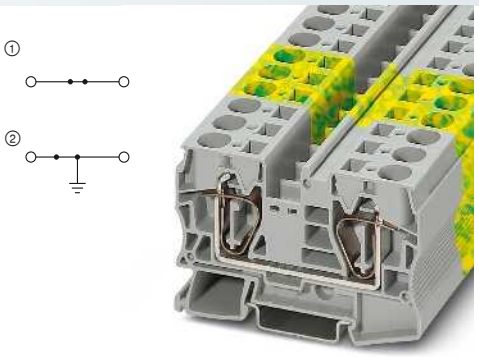


Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-12**	3005950	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

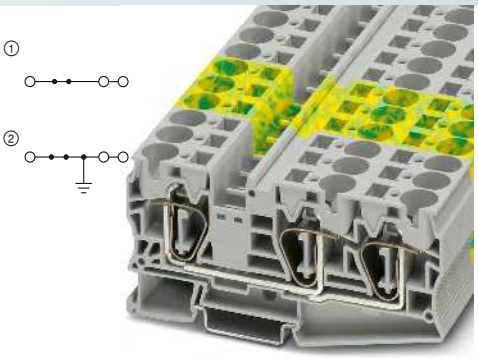
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉑ **Center groove marking**	**UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 12, UCT-TMF 12 or ZBF 12. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks and ground terminals

Notes:
[1]) For additional accessories and technical data, see page 192.
For information on installation and using accessories for Ex applications, see page 644.



90 A, feed-through terminal block



76 A, feed-through terminal block, 3 connections

DNV GL ClassNK
Ex: EAC Ex
KEMA 01ATEX2260 U / IECEx KEM 06.0033U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**12.2**	**80**	**51.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		90	**1000**	**0.2 - 25**	**16-4**
Maximum bridge current	[A]	76			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	550
Nominal current / cross section	[A] / [mm²]	76 / 16	85 / -	85 / -	65 / 16

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 16**	①	3036149	50
	blue	**ST 16 BU**	①	3036152	50
Ground terminal	green-yellow	**ST 16-PE**	②	3036165	25

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 16**	3036657	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**12.2**	**107.8**	**51.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		76	**1000**	**0.2 - 25**	**16-4**
Maximum bridge current	[A]	76			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	76 / 16	75 / -	75 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
ST 16-TWIN	①	3035328	25
ST 16-TWIN BU	①	3035331	25
ST 16-TWIN-PE	②	3035344	25

Accessories[1])

D-ST 16-TWIN	3035357	50

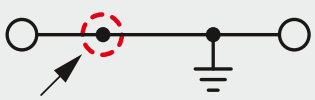
35 mm² ST spring-cage connection terminal blocks

General technical data for 35 mm² ST spring-cage connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	35			
Cross section range	AWG	14 - 2			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	2.5 - 35	2.5 - 35	2.5 - 35	2.5 - 35
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	2.5 - 10
General data					
Stripping length	[mm]	25			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



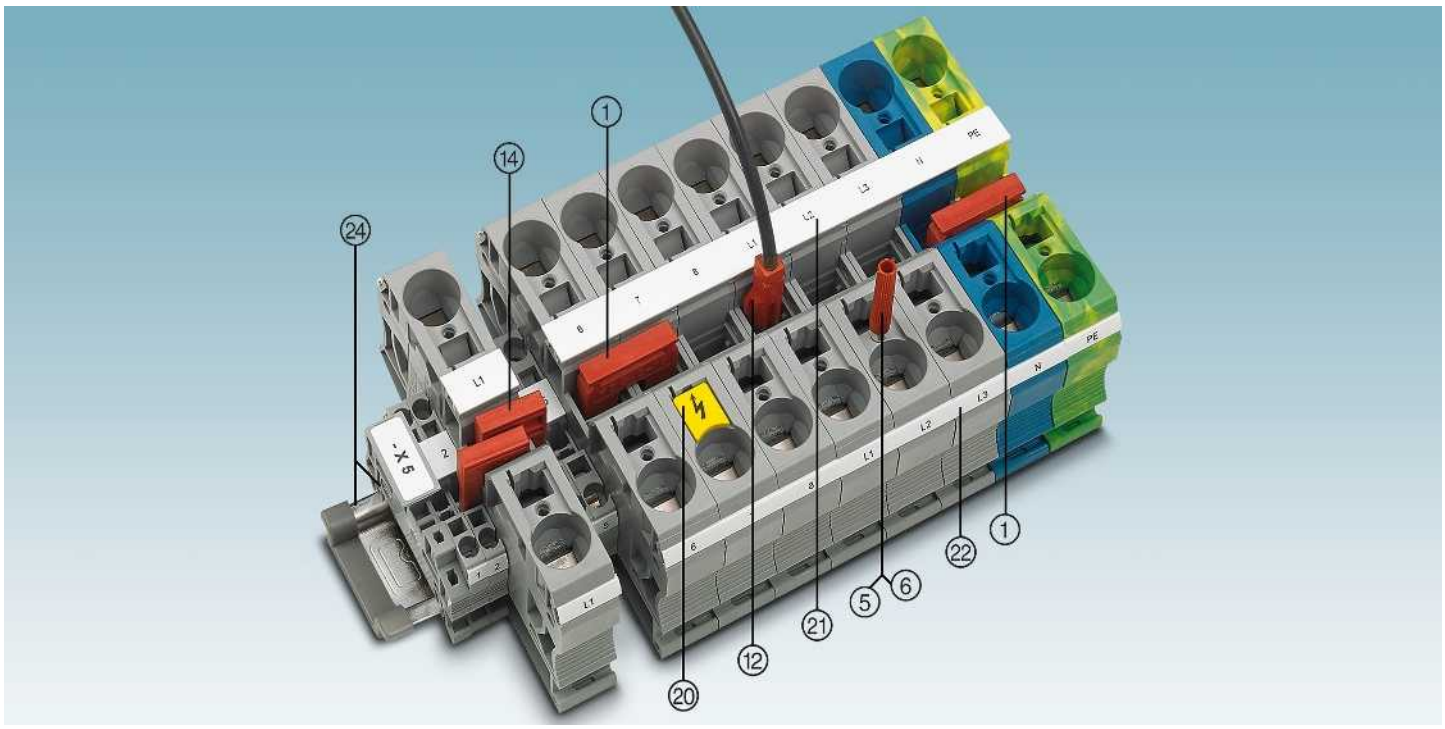
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 35 mm² ST spring-cage connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-16**	3005963	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑫ **Test plug,** with 2.5 mm² conductor		red	**PAI-ST 35/1000MM**	3029994	20			
Screwdriver			**SZF 3-1,0X5,5**	1206612	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉑ **Center groove marking**	**UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 16, UCT-TMF 16 or ZBF 16. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

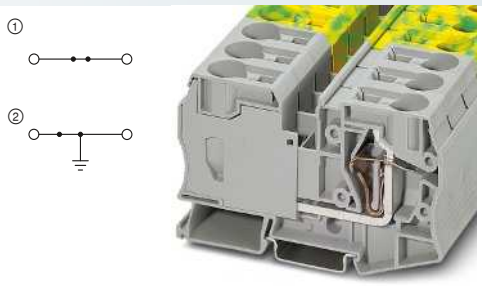
Feed-through terminal blocks and ground terminals

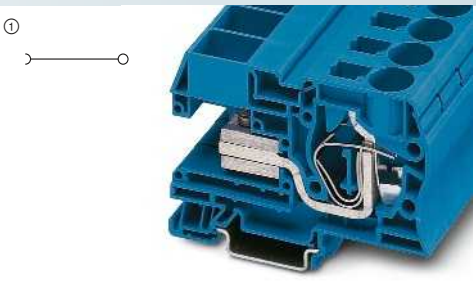
Notes:

[1]) For additional accessories and technical data, see page 194.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products

For information on installation and using accessories for Ex applications, see page 644.





125 A, feed-through terminal block

125 A, neutral disconnect terminal block

Ex: EAC Ex
KEMA 01ATEX2260 U / IECEx KEM 06.0033U

EAC

Dimensions		Technical data[1])				Technical data[1])			
	[mm]	Width	Length	Height		Width	Length	Height	
		16	**100**	**59 (NS 35/7,5)**		**16**	**92**	**59 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		125	**1000**	**2.5 - 35**	**14-2**	**125**	**400**	**2.5 - 35**	**-**
Maximum bridge current	[A]	101							
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	690	400	-	-	-
Nominal current / cross section	[A] / [mm²]	125 / 35	115 / -	115 / -	108 / 35	125 / 35	- / -	- / -	- / -

Description	Color	Ordering data				Ordering data			
		Type		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Terminal block	gray	**ST 35**	①	3036178	10				
	blue	**ST 35 BU**	①	3036181	10				
Neutral disconnect terminal block	blue					**STN 35**	①	3038299	10
Ground terminal	green-yellow	**ST 35-PE**	②	3036194	10				

		Accessories[1])				Accessories[1])			
Support bracket, to hold the neutral busbar, set every 20 cm, 2 mm wide	blue					**AB-STI 16/10**		3037669	10

Hybrid terminal blocks with screw connection on one side
– Rated voltage of 1000 V

Notes:

[1]) The max. load current must not be exceeded by the total current of all connected conductors.

For additional accessories and technical data, visit phoenixcontact.net/products

For screw connection rated data, visit phoenixcontact.net/products

For further plug-in bridges, see page 396.

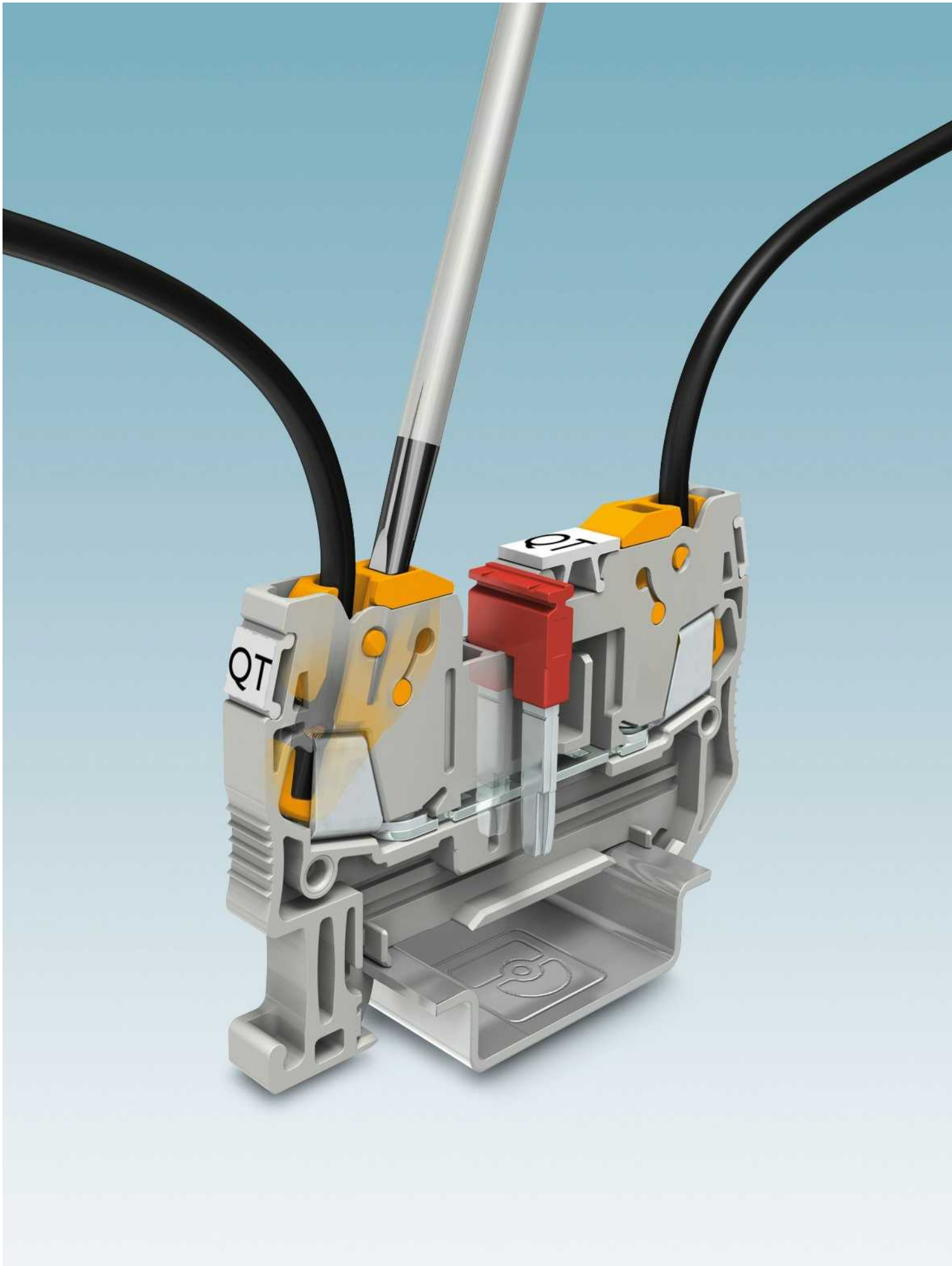


125 A (screw connection), potential collective terminal, 4 inputs 10 mm²

EAC

Dimensions		Technical data			
	[mm]	Width	Length	Height NS 35/7,5	
		16.2	**86**	**46.8**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41[1])	**1000**	**0.2 - 10**	**14-2**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	600	-	-
Nominal current / cross section	[A] / [mm²]	41[1]) / 6	115 / -	-	-
Cross section range	AWG	24 - 8	14-2	-	-
General data					
Stripping length	[mm]	12			

Description	No. of pos.	Color	Ordering data			
			Type	**Order No.**	Pcs./Pkt.	
Terminal block		gray	**STU 35/ 4X10**	3033126	25	
		blue	**STU 35/ 4X10 BU**	3033210	25	
Plug-in bridge			Accessories			
2-pos.	2	red	**FBS 2-8**	3030284	10	


QT
QT

QT fast connection terminal blocks

The use of QT fast connection terminal blocks can save up to 60 percent of the time required for wiring. The cables just need to be cut to length for contact to be made in a matter of seconds. It is no longer necessary to strip or fit the splicing protection. An important characteristic is the space-saving twist connection with patented insulation displacement contact.

The start and end positions of the conductor connection are clearly identified by engagement points. When a conductor is connected, the insulation is cut open, displaced, and the conductor is securely engaged in the end position where it makes extensive, gas-tight contact. Solid and stranded conductors from 0.25 to 2.5 mm² can be wired without aids such as guide ferrules.

The high quality of the QT fast connection terminal blocks is proven by the fact that this connection technology features various approvals and is certified under the standard for Ex e applications.

Your web code: #0162

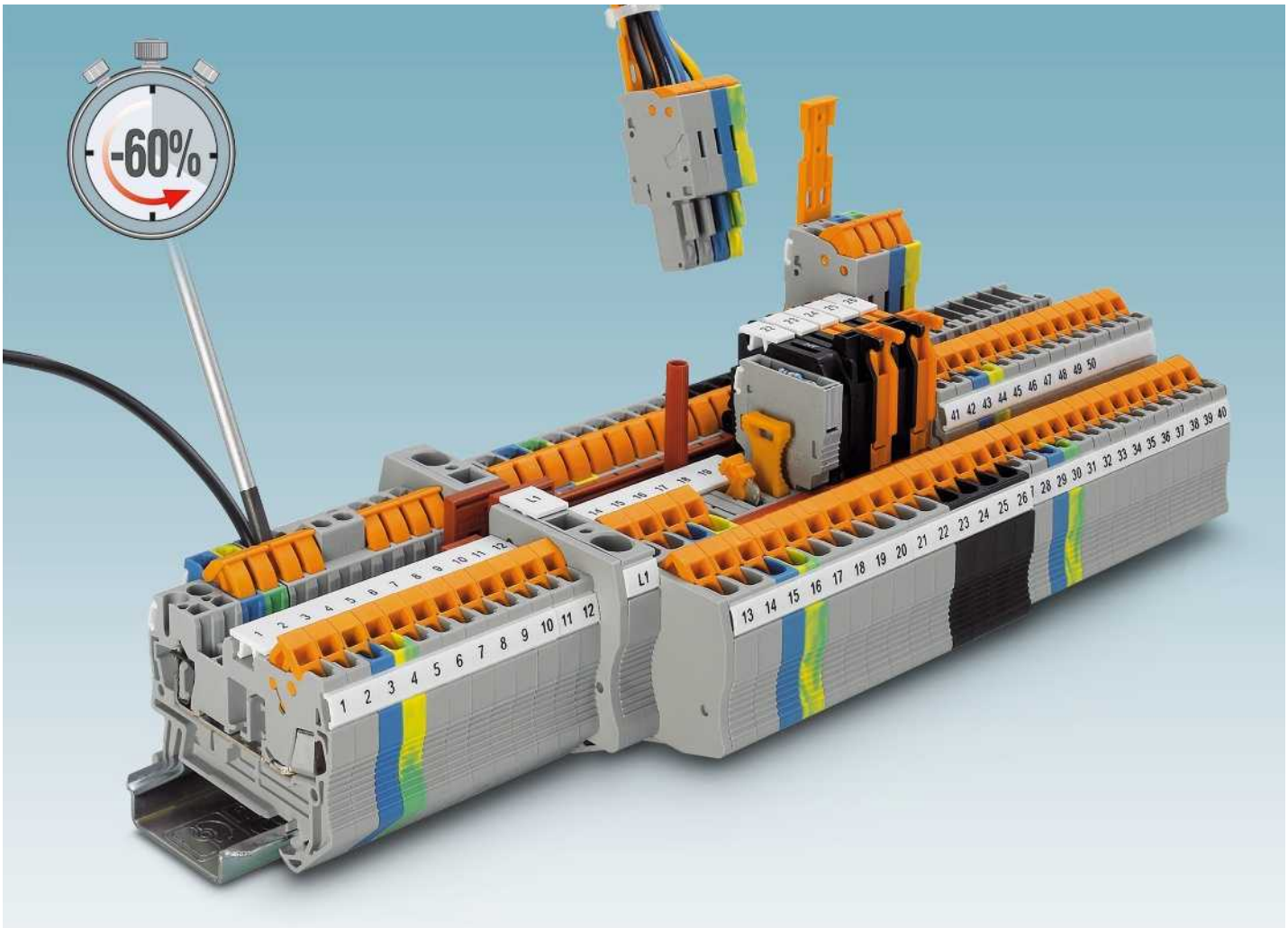
Product range overview

1.5 mm²

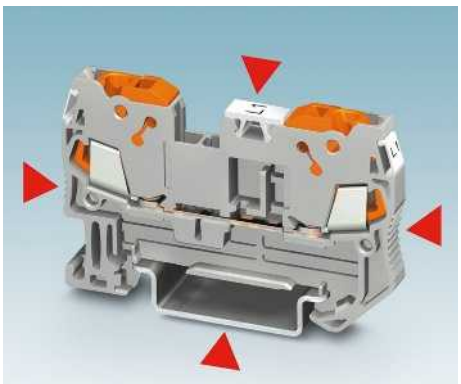
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	**203**
Disconnect terminal blocks	**204**
Knife disconnect terminal blocks	**205**
Diode terminal blocks	**205**
Hybrid terminal blocks with screw connection on one side	**206**
Hybrid feed-through terminal blocks with spring-cage connection on one side	**207**

2.5 mm²

Feed-through and multi-conductor terminal blocks	**209**
Disconnect terminal blocks	**209**
Knife disconnect terminal blocks	**209**
Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape	**210**
Hybrid terminal blocks with screw connection on one side	**210**
Hybrid terminal blocks with spring-cage connection on one side	**211**

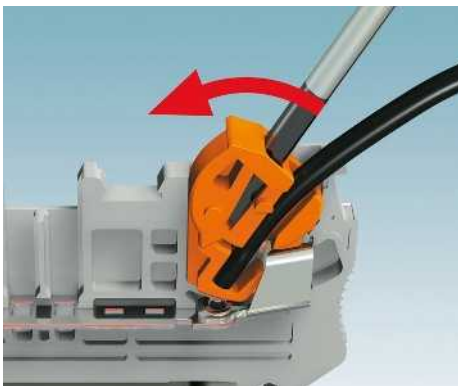


Your web code: #0162



Space-saving design

The QUICKON QT series is characterized by the IDC connection. This allows space to be saved without limiting the quality features in any way:
– Large-surface marking
– Maximum connection space
– Flexible plug-in bridge system



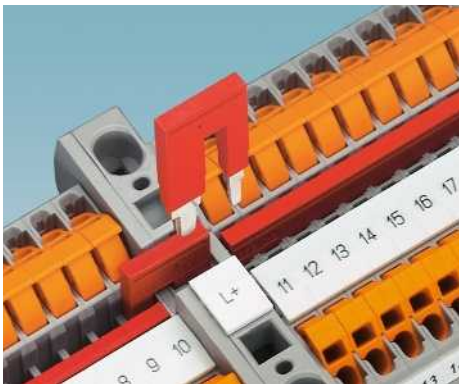
Trim to length, connect, job done

Time savings of 60% and more compared with other connection systems. Stripping and fitting splicing protection is no longer necessary thanks to the QUICKON fast connection system. All that is needed is to cut the conductors to the correct length and they can then be contacted within seconds.

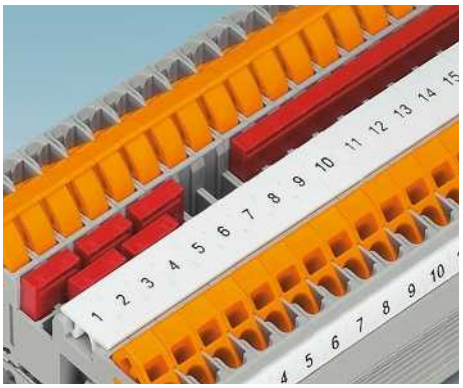


Powerful cutting contact

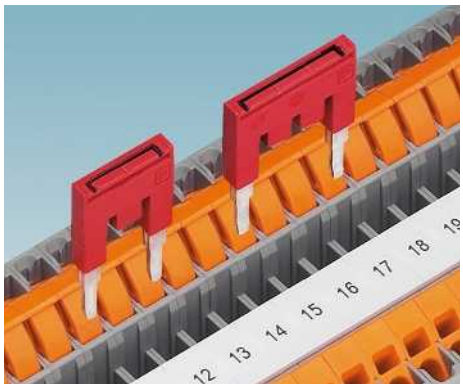
The 0.25 to 2.5 mm² conductor connection is provided by the patented cutting contact. High-quality special alloys and latches for the switching states ensure safe electrical connections at all times. Large, spring-mounted contact points guarantee 24 A current carrying capacity.



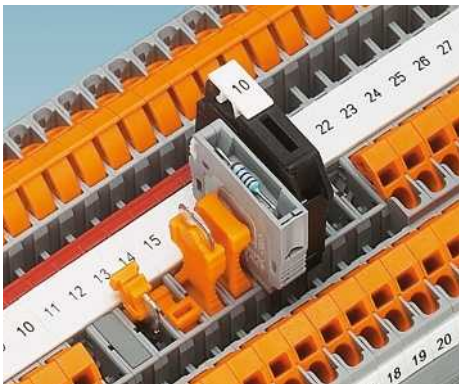
The reducing bridge enables time-saving and low-cost potential distribution when supplying large cross sections. The reducing bridge connects, e.g., an ST 10 terminal block to a QTC 1,5 or QTC 2,5.



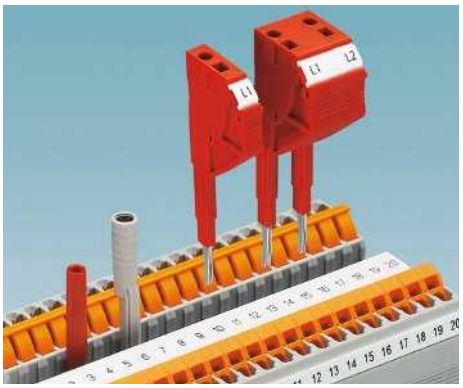
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



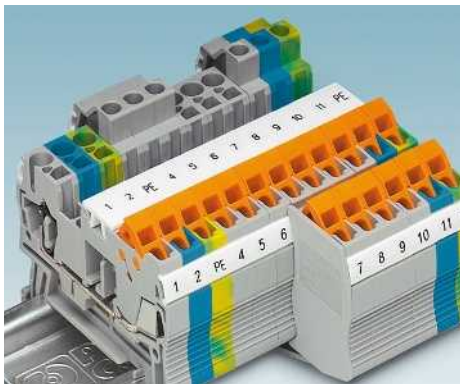
Non-adjacent terminal blocks can be bridged by removing individual forks from the standard bridge. Two potentials can then be routed in parallel. There is scope for marking on the top of the bridge.



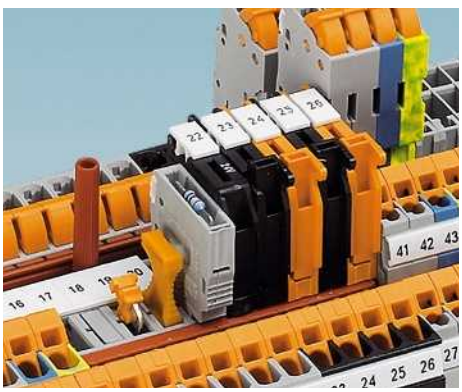
The P-FIX isolated feed-through connector, P-DI isolating plug, P-CO component connector, and P-FU cartridge fuse plug with a 5.2 mm pitch can be used in the universal plug-in zone of the disconnect terminal block.



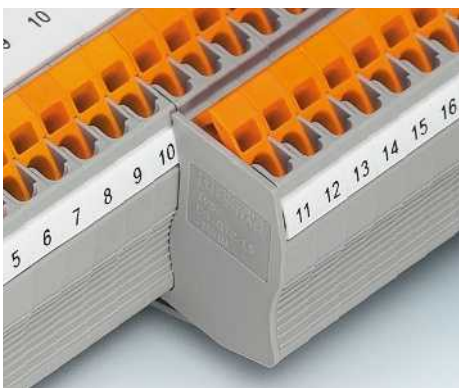
For measuring lines, a test plug with a 2.3 mm diameter is available. All measurement and testing can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



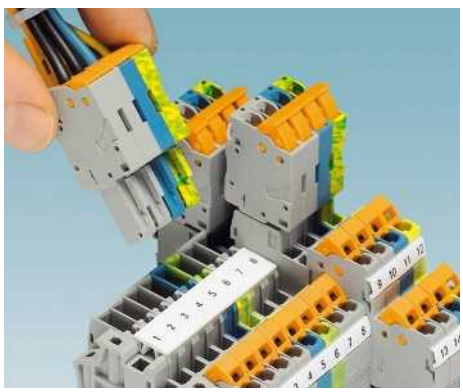
The hybrid versions combine the time-saving fast connection technology with the benefits of the screw or spring-cage technology.



Lever-type fuse terminal blocks are also available to suit the function terminal blocks. The retentive fuse holders can be used in a black housing with a micro fuse or in an orange housing with a contact metal.



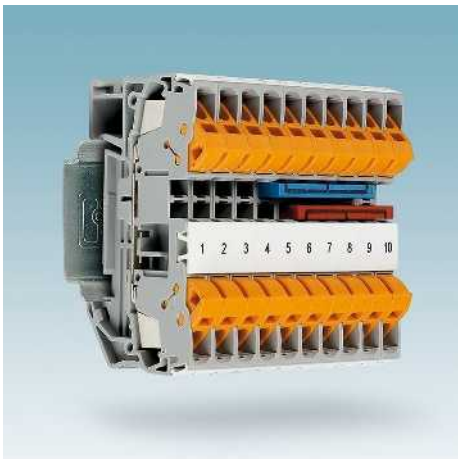
Overhanging terminal block segments of three-conductor and four-conductor terminal blocks should be covered with cover segments when adding two-conductor terminal blocks. Fingers are thereby protected from contact.



QT COMBI basic terminal blocks and connectors with fast connection are available for the plug-in configuration of signal wiring with fast connection. See “COMBI” section, page 269.

QT fast connection terminal blocks

QT ... feed-through terminal blocks



- Time savings of up to 60 percent during connection as no conductor pretreatment is required
- Easy to operate and use thanks to the patented insulation displacement contact
- Universal use thanks to large cross section range
- Space saving thanks to the compact design

Your web code: #0053

QT ... disconnect and knife disconnect terminal blocks



- Convenient separation of circuits using lever-type disconnect knife, isolating plug or rotary contact
- User-friendly current measurement thanks to testing facility either side of the disconnect point
- Safe operation as the disconnect lever is locked in the end positions
- Clear identification of the disconnect point thanks to color highlighting
- Easy handling of the disconnect knife using a standard screwdriver

Your web code: #0054

QTCU ... and QTCS ... hybrid terminal blocks



- Meet requirements for internal and external wiring at the same time as different connection methods are integrated in a single terminal block
- Free choice of connection technology thanks to two combination options
- Versions with fast connection/spring-cage connection or fast connection/screw connection
- Uniform distances from cable ducts
- Feed-through terminal blocks and ground terminals of the same shape

Your web code: #0055

QT ... fuse terminal blocks



– Compact design
– Two function shafts mean that all potential distribution tasks can be undertaken at speed
– QTC 2,5-TG / -MT function terminal blocks of the same shape are available
– Test connection on both sides in safety lever
– The product range is rounded off by versions with an LED display to indicate that a fuse has blown

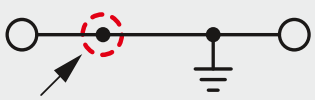
Your web code: #0162

1.5 mm² QT fast connection terminal blocks

General technical data for 1.5 mm² QT fast connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2
Rated cross section	[mm²]	1.5
Cross section range	AWG	24 - 16
Connection cross section according to DIN VDE 0295		
H05V(Z) / H07V(Z)	[mm²]	0.5 - 1.5
Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]	[mm²]	0.25 - 0.34
[Litz wires Ø ≥ 0.19 mm]	AWG	24 - 16
Frequency of connections with the same cross section		100
General data		
Insulating material		PA
Flammability rating according to UL 94		V0
Note: Additional or deviating data is documented for the product.		

Notes:



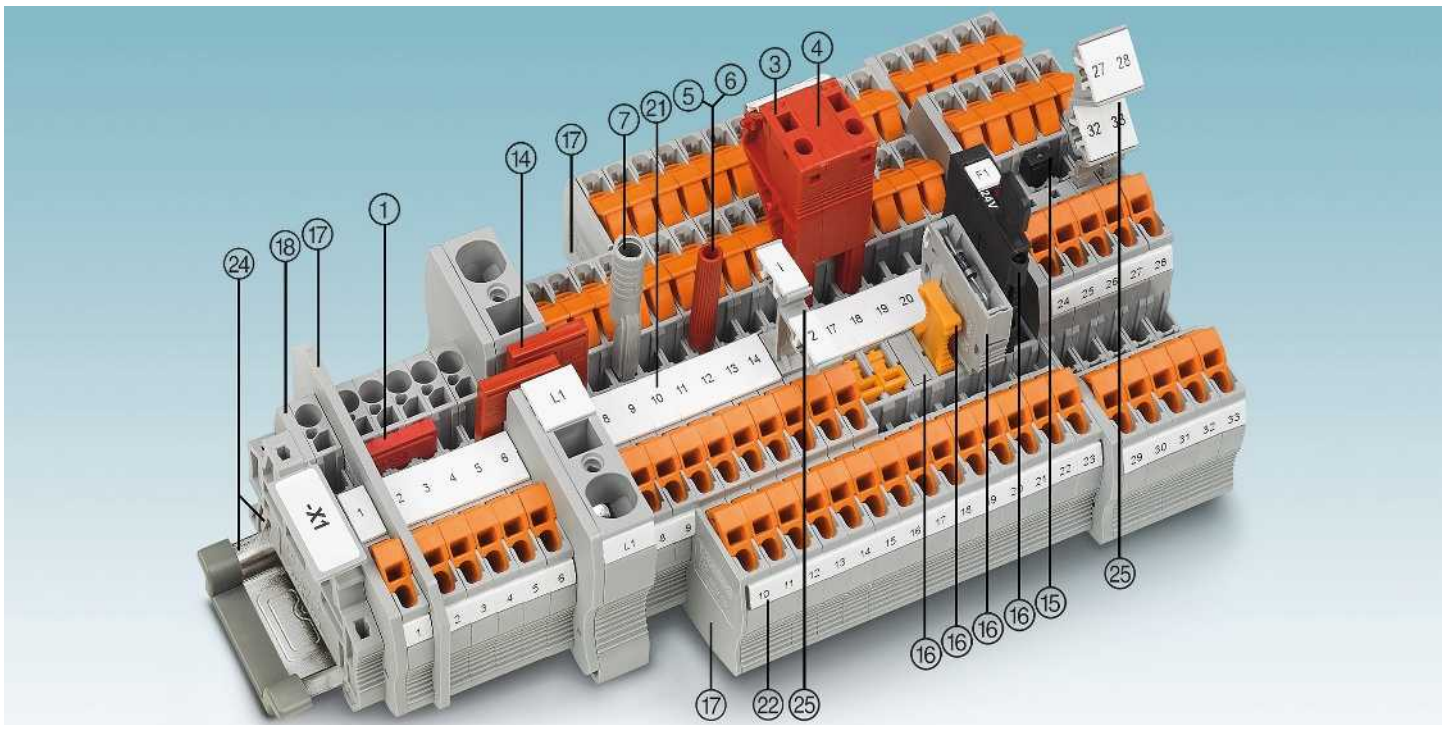
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 1.5 mm² QT fast connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50	**FBSR 2-5**	3033702	50
	3	red	**FBS 3-5**	3030174	50	**FBSR 3-5**	3001591	50
	4	red	**FBS 4-5**	3030187	50	**FBSR 4-5**	3001592	50
	5	red	**FBS 5-5**	3030190	50	**FBSR 5-5**	3001593	50
	10	red	**FBS 10-5**	3030213	10	**FBSR 10-5**	3033710	10
	20	red	**FBS 20-5**	3030226	10			
③ **Modular test plug**		red	**PS-5**	3030983	10			
④ **Spacer plate**		red	**DP PS-5**	3036725	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

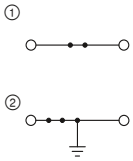
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS ..., see page 398.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉕ **Marker carrier**	**For STP ..., see page 412.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 202.

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block

DNV GL ClassNK

Ex: EAC Ex

KEMA 03ATEX2557U / IECEx KEM 07.0015U

Technical data[1])

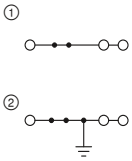
Dimensions				
	[mm]	Width	Length	Height
		5.2	58.8	39.3 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5	800	0.25 - 1.5 / 24-16
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	10 / -	10 / - / 16 / 1.5

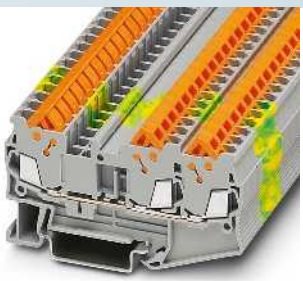
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTC 1,5**	①	3205019	50
	blue	**QTC 1,5 BU**	①	3205022	50
Ground terminal	green-yellow	**QTC 1,5-PE**	②	3205035	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-QTC 1,5**	3205161	50





17.5 A, feed-through terminal block, 3 connections

DNV GL ClassNK

Ex: EAC Ex

KEMA 03ATEX2557U / IECEx KEM 07.0015U

Technical data[1])

		Width	Length	Height
		5.2	76.4	39.3 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5	800	0.25 - 1.5 / 24-16
		24 (FBS) / 17.5 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		800	600	600 / 550
		17.5 / 1.5	10 / -	10 / - / 16 / 1.5

Ordering data

Type		Order No.	Pcs./Pkt.
QTC 1,5-TWIN	①	3205048	50
QTC 1,5-TWIN BU	①	3205051	50
QTC 1,5-TWIN-PE	②	3205064	50

Accessories[1])

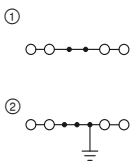
D-QTC 1,5-TWIN		3205190	50

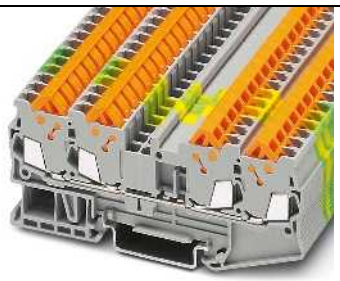
Multi-conductor terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 202.

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block, 4 connections

DNV GL ClassNK

Ex: EAC Ex

KEMA 03ATEX2557U / IECEx KEM 07.0015U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	94	39.3 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5	800	0.25 - 1.5 / 24-16
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 550
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	10 / -	10 / - / 16 / 1.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTC 1,5-QUATTRO**	①	3205077	50
	blue	**QTC 1,5-QUATTRO BU**	①	3205080	50
Ground terminal	green-yellow	**QTC 1,5-QUATTRO-PE**	②	3205093	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-QTC 1,5-QUATTRO**	3205174	50

1.5 mm² QT fast connection terminal blocks

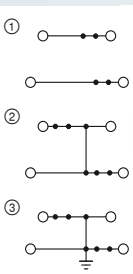
Multi-level and disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 202.

2) Current and voltage are determined by the connector used.

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, double-level terminal block





17.5 A, disconnect terminal block

Ex: EAC Ex

KEMA 03ATEX2557U / IECEx KEM 07.0015U

Technical data[1]				
Dimensions	Width	Length	Height	
[mm]	**5.2**	**99.6**	**49.9 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**500**	**0.25 - 1.5**	**24-16**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	440
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	10 / -	10 / -	15 / 1.5

Technical data[1]				
Dimensions	Width	Length	Height	
[mm]	**5.2**	**76.4**	**39.3 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5[2]	**400[2]**	**0.25 - 1.5**	**24-16**
Maximum bridge current [A]	16 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400[2]	600	600	-
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	10 / -	10 / -	- / -

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTTCB 1,5**	①	3205116	50
	blue	**QTTCB 1,5 BU**	①	3205129	50
With potential distribution	gray	**QTTCB 1,5-PV**	②	3205153	50
Ground terminal	green-yellow	**QTTCB 1,5-PE**	③	3205132	50

Description	Color	Type		Order No.	Pcs./Pkt.
		QTC 1,5-TG	①	3205145	50

Accessories[1]			
Cover, width: 2.2 mm gray	**D-QTTCB 1,5**	3205187	50

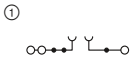
Accessories[1]			
	D-QTC 1,5-TWIN	3205190	50

Disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 202.

2) Current and voltage are determined by the plug used.





17.5 A, disconnect terminal block, 3 connections

Technical data[1]				
Dimensions	Width	Length	Height	
[mm]	**5.2**	**94**	**39.3 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**400[2]**	**0.25 - 1.5**	**-**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400[2]	-	-	-
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	- / -	- / -	- / -

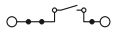
Description	Color	Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**QTC 1,5-TWIN-TG**	①	3050413	50

Accessories[1]			
Cover, width: 2.2 mm gray	**D-QTC 1,5-QUATTRO**	3205174	50

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 202.

① 



17.5 A, knife disconnect terminal block

① 



17.5 A, knife disconnect terminal block, 3 connections

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
5.2	**76.4**	**39.3 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**400**	**0.25 - 1.5**	**24-16**
16 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	600	600	-
17.5 / 1.5	10 / -	10 / -	- / -

Ordering data

Description	Color
Knife disconnect terminal block	gray

Type	Order No.	Pcs./Pkt.
QTC 1,5-MT ①	3205103	50

Accessories[1])

Cover, width: 2.2 mm	gray

Type	Order No.	Pcs./Pkt.
D-QTC 1,5-TWIN	3205190	50

Technical data[1])

Width	Length	Height	
5.2	**94**	**39.3 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**400**	**0.25 - 1.5**	**-**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	-	-	-
17.5 / 1.5	- / -	- / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 1,5-TWIN-MT ①	3050407	50

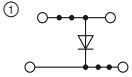
Accessories[1])

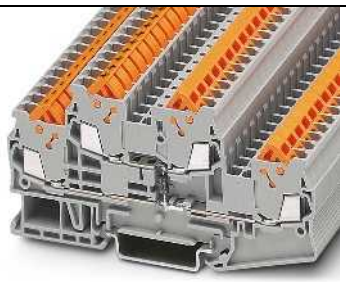
Type	Order No.	Pcs./Pkt.
D-QTC 1,5-QUATTRO	3205174	50

Diode terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 202.

① 



17.5 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
5.2	**99.6**	**49.9 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**500**	**0.25 - 1.5**	**24-16**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
17.5 / 1.5	10 / -	10 / -	- / -

Ordering data

Description	Color
Terminal block, for conducting direction see circuit diagram	gray

Type	Order No.	Pcs./Pkt.
QTTCB 1,5-DIO/O-U ①	3206241	50

Accessories[1])

Cover, width: 2.2 mm	gray

Type	Order No.	Pcs./Pkt.
D-QTTCB 1,5	3205187	50

1.5 mm² QT fast connection terminal blocks

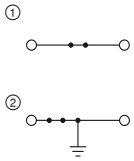
Hybrid terminal blocks with screw connection on one side, 2.5 (4) mm²

Notes:

[1]) For additional accessories and technical data, see page 202.

[2]) For screw connection rated data, visit phoenixcontact.net/products

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block

Ex: EAC Ex

KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data[1])

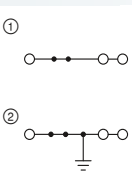
Dimensions	Width	Length	Height	
[mm]	**5.2**	**58.8**	**42.8 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**800**	**0.25 - 1.5**	**24-16**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data[2])	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	550
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	10 / -	10 / -	16.5 / 1.5

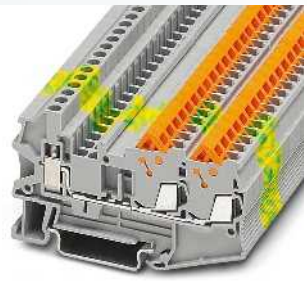
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTCU 1,5**	①	3050015	50
	blue	**QTCU 1,5 BU**	①	3050028	50
Ground terminal	green-yellow	**QTCU 1,5-PE**	②	3050031	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-QTCU 1,5**	3206283	50





17.5 A, feed-through terminal block, 3 connections

Ex: EAC Ex

KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**76.4**	**42.8 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**800**	**0.25 - 1.5**	**24-16**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data[2])	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	550
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	10 / -	10 / -	17.5 / 1.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTCU 1,5-TWIN**	①	3050044	50
	blue	**QTCU 1,5-TWIN BU**	①	3050057	50
Ground terminal	green-yellow	**QTCU 1,5-TWIN-PE**	②	3050060	50

Accessories[1])

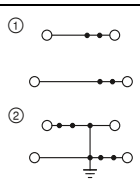
Cover, width: 2.2 mm	gray	**D-QTCU 1,5-TWIN**	3206296	50

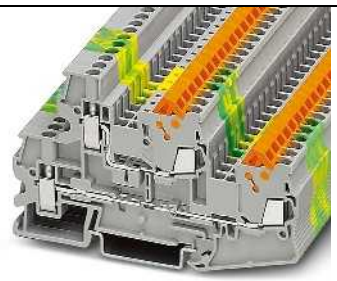
Double-level hybrid terminal blocks with screw connection on one side, 2.5 (4) mm²

Notes:

[1]) For additional accessories and technical data, see page 202.

[2]) For screw connection rated data, visit phoenixcontact.net/products





17.5 A, double-level terminal block

Technical data[1])

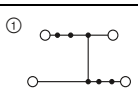
Dimensions	Width	Length	Height	
[mm]	**5.2**	**93.5**	**55.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**500**	**0.25 - 1.5**	**24-16**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data[2])	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	10 / -	10 / -	- / -

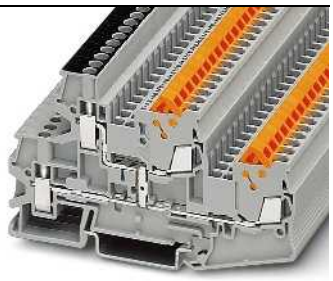
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTTCBU 1,5**	①	3050264	50
	blue	**QTTCBU 1,5 BU**	①	3050280	50
	gray				
Ground terminal	green-yellow	**QTTCBU 1,5-PE**	②	3050277	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-QTTCBU 1,5**	3050536	50





17.5 A, double-level terminal block with equipotential bonder

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**93.5**	**55.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**500**	**0.25 - 1.5**	**24-16**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data[2])	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	10 / -	10 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
QTTCBU 1,5-PV	①	3050361	50

Accessories[1])

D-QTTCBU 1,5	3050536	50

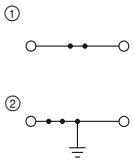
Hybrid terminal blocks with spring-cage connection on one side, 2.5 (4) mm²

Notes:

[1]) For additional accessories and technical data, see page 202.

[2]) For spring-cage connection rated data, see page 156.

For information on installation and using accessories for Ex applications, see page 644.





17.5 A, feed-through terminal block

Ex: EAC Ex

KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data[1])

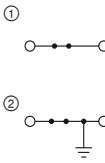
Dimensions		Width	Length	Height	
	[mm]	5.2	54.4	39.3 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	800	0.25 - 1.5	24-16
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data[2])		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	550
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	10 / -	- / -	17 / 1.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTCS 1,5**	①	3050138	50
	blue	**QTCS 1,5 BU**	①	3050141	50
Ground terminal	green-yellow	**QTCS 1,5-PE**	②	3050154	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-QTCS 1,5**	3206270	50





17.5 A, feed-through terminal block, 3 connections

Ex: EAC Ex

KEMA 04ATEX2226 U / IECEx KEM 07.0007U

Technical data[1])

		Width	Length	Height	
	[mm]	5.2	71.6	39.3 (NS 35/7,5)	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	800	0.25 - 1.5	24-16
	[A]	24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
	[V]	800	600	-	550
	[A] / [mm²]	17.5 / 1.5	10 / -	- / -	17.5 / 1.5

Ordering data

Type		Order No.	Pcs./Pkt.
QTCS 1,5-TWIN	①	3206348	50
QTCS 1,5-TWIN BU	①	3206351	50
QTCS 1,5-TWIN-PE	②	3206364	50

Accessories[1])

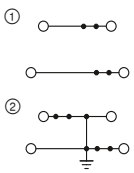
D-QTCS 1,5-TWIN	3206403	50

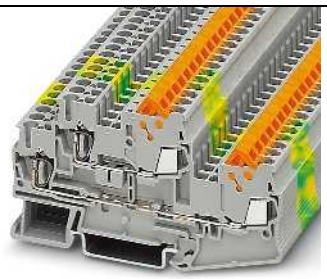
Double-level hybrid terminal blocks with spring-cage connection on one side, 2.5 (4) mm²

Notes:

[1]) For additional accessories and technical data, see page 202.

[2]) For spring-cage connection rated data, see page 156.





17.5 A, double-level terminal block

Technical data[1])

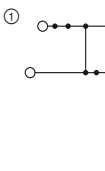
Dimensions		Width	Length	Height	
	[mm]	5.2	88.2	49.9 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.25 - 1.5	24-16
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data[2])		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	-	-
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	10 / -	- / -	- / -

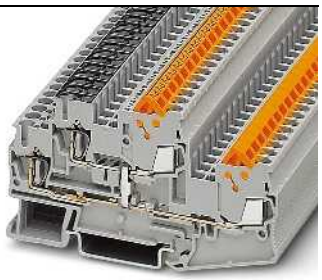
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTTCBS 1,5**	①	3050222	50
	blue	**QTTCBS 1,5 BU**	①	3050235	50
	gray				
Ground terminal	green-yellow	**QTTCBS 1,5-PE**	②	3050248	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-QTTCBS 1,5**	3206335	50





17.5 A, double-level terminal block with equipotential bonder

Technical data[1])

		Width	Length	Height	
	[mm]	5.2	88.2	49.9 (NS 35/7,5)	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	500	0.25 - 1.5	24-16
	[A]	24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
	[V]	500	600	-	-
	[A] / [mm²]	17.5	10 / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
QTTCBS 1,5-PV	①	3206380	50

Accessories[1])

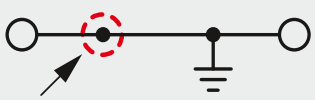
D-QTTCBS 1,5	3206335	50

2.5 mm² QT fast connection terminal blocks

General technical data for 2.5 mm² QT fast connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3
Rated cross section	[mm²]	2.5
Cross section range	AWG	20 - 14
Connection cross section according to DIN VDE 0295		
H05V(Z) / H07V(Z)	[mm²]	0.5 - 2.5
Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]	[mm²]	-
[Litz wires Ø ≥ 0.19 mm]	AWG	20 - 14
Frequency of connections with the same cross section		100
General data		
Insulating material		PA
Flammability rating according to UL 94		V0
Note: Additional or deviating data is documented for the product.		

Notes:



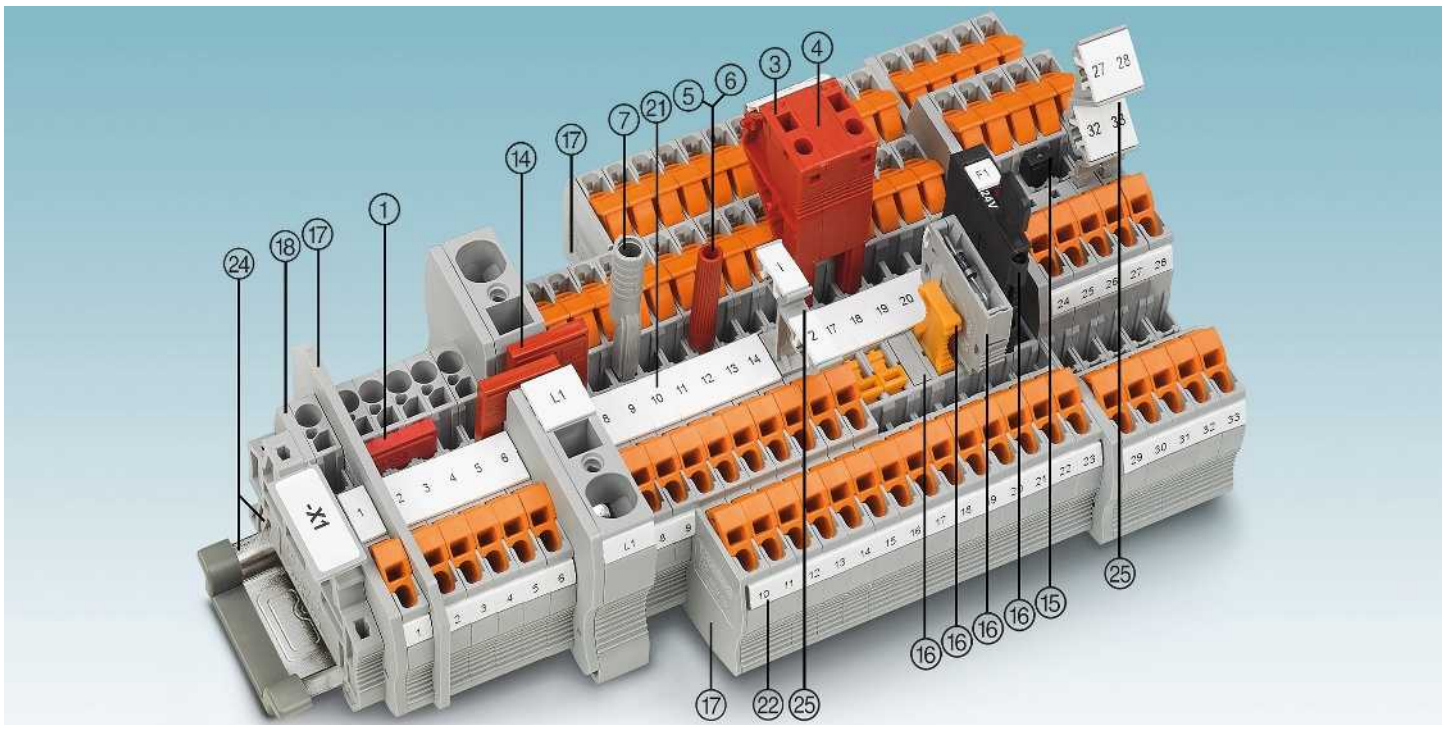
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² QT fast connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-6**	3030336	50	**FBSR 2-6**	3033715	50
	3	red	**FBS 3-6**	3030242	50	**FBSR 3-6**	3001594	50
	4	red	**FBS 4-6**	3030255	50	**FBSR 4-6**	3001595	50
	5	red	**FBS 5-6**	3030349	50	**FBSR 5-6**	3001596	50
	10	red	**FBS 10-6**	3030271	10	**FBSR 10-6**	3033716	10
	20	red	**FBS 20-6**	3030365	10			
③ **Modular test plug**		red	**PS-6**	3030996	10			
④ **Spacer plate**		red	**DP PS-6**	3036738	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS ..., see page 398.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉕ **Marker carrier**	**For STP ..., see page 412.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

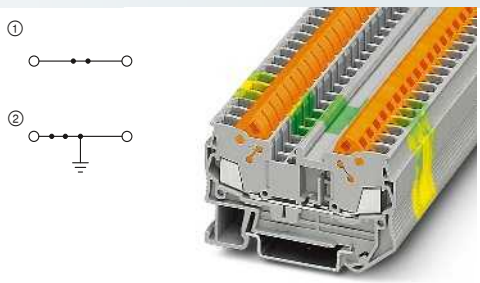
Feed-through and disconnect terminal blocks

Notes:

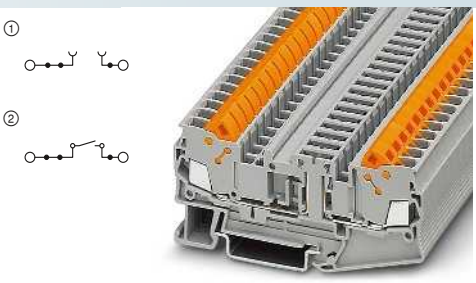
1) For additional accessories and technical data, see page 208.

2) Current and voltage are determined by the connector used.

For information on installation and using accessories for Ex applications, see page 644.



24 A, feed-through terminal block



20 A, disconnect terminal block

Ex: EAC Ex

KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data1)

Dimensions		Width	Length	Height	
	[mm]	**6.2**	**62.6**	**39.3 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**800**	**0.5 - 2.5**	**20-14**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	15 / -	22.5 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTC 2,5**	①	3206416	50
	blue	**QTC 2,5 BU**	①	3206429	50
Knife disconnect terminal block	gray				
Ground terminal	green-yellow	**QTC 2,5-PE**	②	3206432	50

Accessories1)

Cover, width: 2.2 mm	gray	**D-QTC 2,5**	3206568	50

Technical data1)

		Width	Length	Height	
	[mm]	**6.2**	**82.5**	**39.3 (NS 35/7,5)**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20²)	**400²)**	**0.5 - 2.5**	**20-14**
	[A]	32 (FBS) / 24 (FBSR)			
		IEC	UL / CUL	CSA	Ex
	[V]	400²)	300	600	-
	[A] / [mm²]	20 / 2.5	15 / -	15 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
QTC 2,5-TG	①	3206490	50
QTC 2,5-MT	②	3206487	50

Accessories1)

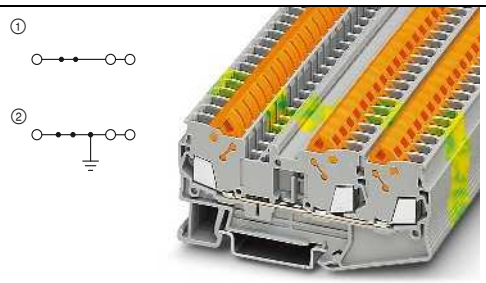
D-QTC 2,5-TWIN	3206571	50

Multi-conductor terminal blocks

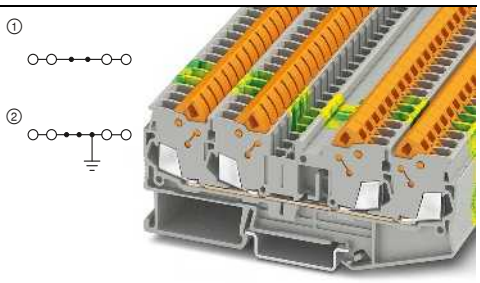
Notes:

1) For additional accessories and technical data, see page 208.

For information on installation and using accessories for Ex applications, see page 644.



24 A, feed-through terminal block, 3 connections



24 A, feed-through terminal block, 4 connections

Ex: EAC Ex

KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data1)

Dimensions		Width	Length	Height	
	[mm]	**6.2**	**82.5**	**39.3 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**800**	**0.5 - 2.5**	**20-14**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	15 / -	22.5 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTC 2,5-TWIN**	①	3206445	50
	blue	**QTC 2,5-TWIN BU**	①	3206461	50
Terminal block, for mounting on NS 35...	green-yellow	**QTC 2,5-TWIN-PE**	②	3206474	50

Accessories1)

Cover, width: 2.2 mm	gray	**D-QTC 2,5-TWIN**	3206571	50

Technical data1)

		Width	Length	Height	
	[mm]	**6.2**	**102.4**	**39.3 (NS 35/7,5)**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**800**	**0.5 - 2.5**	**-**
	[A]	24 (FBS) / 24 (FBSR)			
		IEC	UL / CUL	CSA	Ex
	[V]	800	-	-	-
	[A] / [mm²]	24 / 2.5	- / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
QTC 2,5-QUATTRO	①	3206446	50
QTC 2,5-QUATTRO BU	①	3206447	50
QTC 2,5-QUATTRO-PE	②	3206448	50

Accessories1)

D-QTC 2,5-QUATTRO	3206449	50

2.5 mm² QT fast connection terminal blocks

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

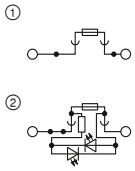
Notes:

[1]) For additional accessories and technical data, see page 208.

[2]) If the fuse is faulty, the downstream circuit is not off load.

[3]) For max. power dissipation, see page 658.

[4]) The current is determined by the fuse used, the voltage by the light indicator.





6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses





20 A, lever-type disconnect terminal block, same shape

Technical data[1])							
Dimensions		Width	Length	Height			
	[mm]	**6.2**	**82.5**	**64.9 (NS 35/7,5)**			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		6.3[3])	**500[4])**	**0.5 - 2.5**	**20-14**		
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)					
Rated data		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	500[4])	300	300	-		
Nominal current / cross section	[A] / [mm²]	6.3 / 1.5	15 / -	10 / -	- / -		
Ordering data							
Description	Color	**Type**		**Order No.**	Pcs./Pkt.		
Fuse terminal block	black	**QTC 2,5-HESI (5X20)**	①	3050293	50		
With LED for 12–30 V AC/DC, 0.31–0.95 mA²)	black	**QTC 2,5-HESILED 24 (5X20)**	②	3050374	50		
for 30–60 V AC/DC, 0.40–0.86 mA²)	black	**QTC 2,5 HESILED 60 (5X20)**	②	3050390	50		
110 – 250 V AC/DC, 0.41 – 0.96 mA²)	black	**QTC 2,5-HESILA 250 (5X20)**	②	3050387	50		
Lever-type disconnect terminal block, same shape	black/orange						
Accessories[1])							
Cover, width: 2.2 mm	gray	**D-QTC 2,5-TWIN**		3206571	50		

Technical data[1])							
Dimensions		Width	Length	Height			
	[mm]	**6.2**	**82.5**	**64.9 (NS 35/7,5)**			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		20	**500**	**0.5 - 2.5**	**20-14**		
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)					
Rated data		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	500	300	300	-		
Nominal current / cross section	[A] / [mm²]	20 / 2.5	15 / -	15 / -	- / -		
Ordering data							
		Type		**Order No.**	Pcs./Pkt.		
		QTC 2,5-HEDI	①	3206678	50		
Accessories[1])							
		D-QTC 2,5-TWIN		3206571	50		

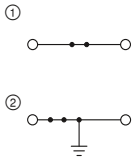
Hybrid terminal blocks with screw connection on one side, 4 (6) mm²

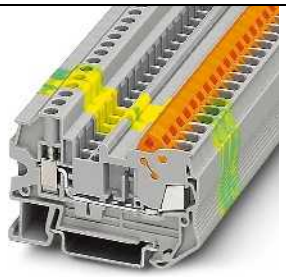
Notes:

[1]) For additional accessories and technical data, see page 208.

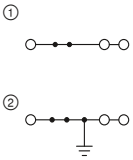
[2]) For screw connection rated data, visit phoenixcontact.net/products

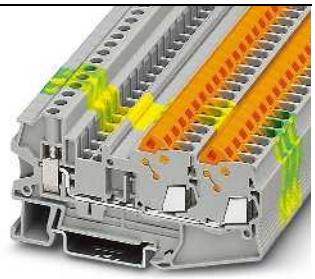
For information on installation and using accessories for Ex applications, see page 644.





24 A, feed-through terminal block





24 A, feed-through terminal block, 3 connections

Ex: EAC Ex

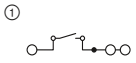
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data[1])							
Dimensions		Width	Length	Height			
	[mm]	**6.2**	**62.6**	**42.8 (NS 35/7,5)**			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		24	**800**	**0.5 - 2.5**	**20-14**		
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)					
Rated data[2])		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	800	600	600	550		
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	15 / -	22 / 2.5		
Ordering data							
Description	Color	**Type**		**Order No.**	Pcs./Pkt.		
Terminal block	gray	**QTCU 2,5**	①	3206539	50		
	blue	**QTCU 2,5 BU**	①	3206542	50		
Ground terminal	green-yellow	**QTCU 2,5-PE**	②	3206555	50		
Accessories[1])							
Cover, width: 2.2 mm	gray	**D-QTCU 2,5**		3206597	50		

Technical data[1])							
Dimensions		Width	Length	Height			
	[mm]	**6.2**	**82.5**	**42.8 (NS 35/7,5)**			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		24	**800**	**0.5 - 2.5**	**20-14**		
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)					
Rated data[2])		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	800	600	-	550		
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	- / -	22 / 2.5		
Ordering data							
		Type		**Order No.**	Pcs./Pkt.		
		QTCU 2,5-TWIN	①	3050303	50		
		QTCU 2,5-TWIN BU	①	3050316	50		
		QTCU 2,5-TWIN-PE	②	3050329	50		
Accessories[1])							
		D-QTCU 2,5 TWIN		3050510	50		

Hybrid disconnect terminal block with screw connection on one side, 4 (6) mm²

Notes:
1) For additional accessories and technical data, see page 208.
2) For screw connection rated data, visit phoenixcontact.net/products





20 A, knife disconnect terminal block, 3 connections

EAC

Technical data1)

Dimensions				
	[mm]	Width	Length	Height
		6.2	79.3	42.8 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		20	400	0.5 - 2.5 / -
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)		
Rated data2)		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	-	- / -
Nominal current / cross section	[A] / [mm²]	20 / 2.5	- / -	- / -

Ordering data

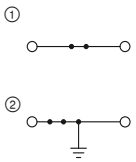
Description	Color	Type		Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	**QTCU 2,5-TWIN-MT**	1	3050304	50
	blue	**QTCU 2,5-TWIN-MT BU**	1	3050317	50

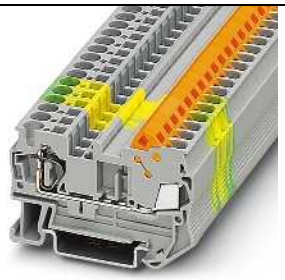
Accessories1)

Cover, width: 2.2 mm	gray	**D-QTCU 2,5-TWIN-MT**	3050511	50

Hybrid terminal blocks with spring-cage connection on one side, 4 (6) mm²

Notes:
1) For additional accessories and technical data, see page 208.
2) For spring-cage connection rated data, see page 174.
For information on installation and using accessories for Ex applications, see page 644.





24 A, feed-through terminal block

cULus EAC DNV GL Lloyd's Register ClassNK
Ex: EAC Ex
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data1)

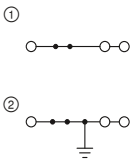
Dimensions				
	[mm]	Width	Length	Height
		6.2	59.7	39.3 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24	800	0.5 - 2.5 / 20-14
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data2)		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	- / 550
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	- / - / 22.5 / 2.5

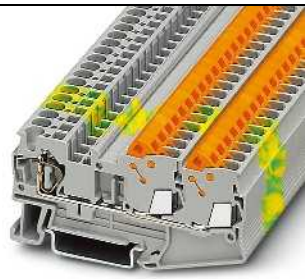
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**QTCS 2,5**	1	3206500	50
	blue	**QTCS 2,5 BU**	1	3206513	50
Ground terminal	green-yellow	**QTCS 2,5-PE**	2	3206526	50

Accessories1)

Cover, width: 2.2 mm	gray	**D-QTCS 2,5**	3206584	50





24 A, feed-through terminal block, 3 connections

cULus EAC DNV GL Lloyd's Register ClassNK
Ex: EAC Ex
KEMA 05ATEX2148 U / IECEx KEM 07.0010U

Technical data1)

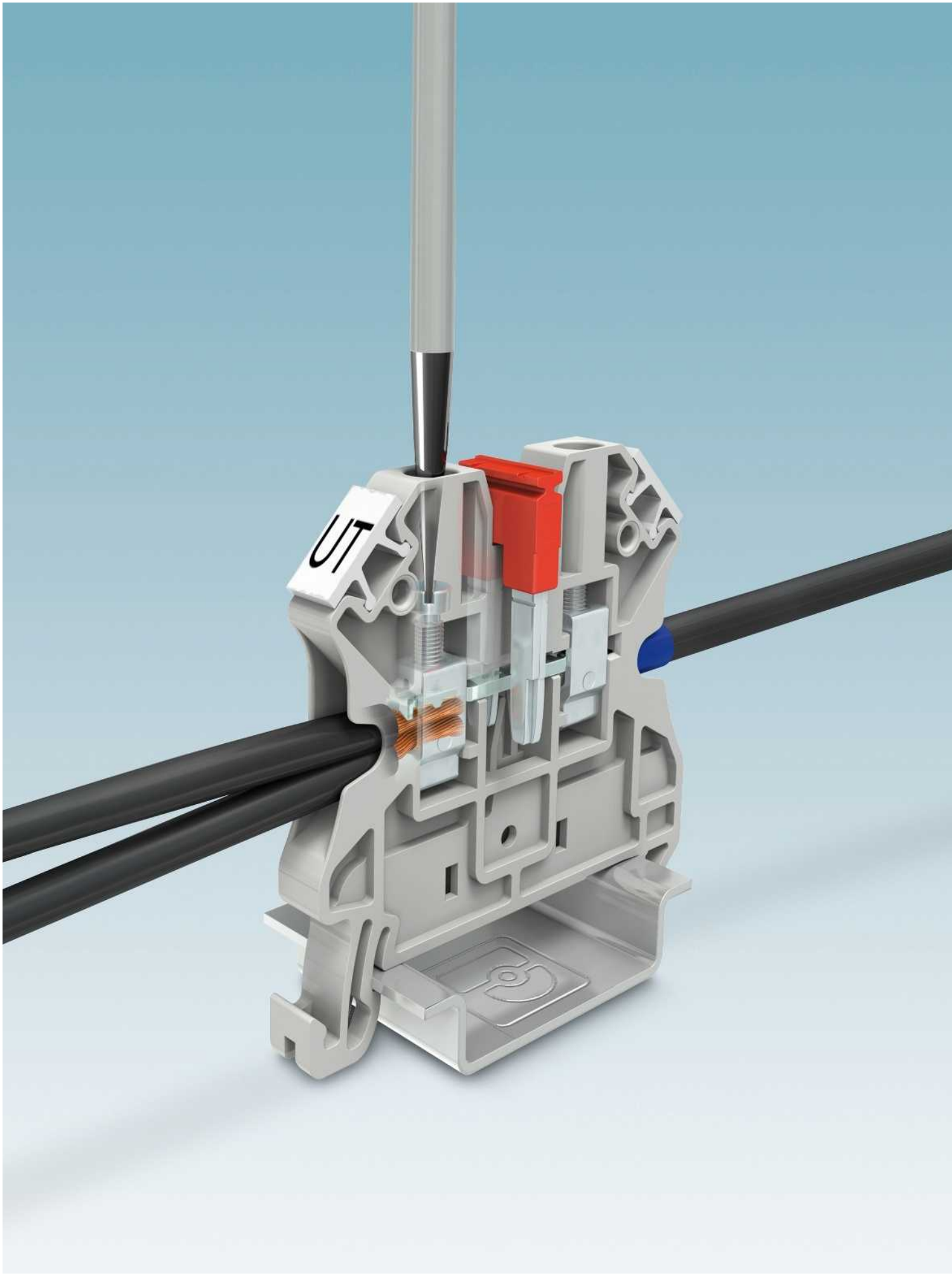
		Width	Length	Height
		6.2	79.6	39.3 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24	800	0.5 - 2.5 / 20-14
		32 (FBS) / 20 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		800	600	- / 550
		24 / 2.5	15 / -	- / - / 22.5 / 2.5

Ordering data

Type		Order No.	Pcs./Pkt.
QTCS 2,5-TWIN	1	3050332	50
QTCS 2,5-TWIN BU	1	3050345	50
QTCS 2,5-TWIN-PE	2	3050358	50

Accessories1)

D-QTCS 2,5 TWIN	3050523	50


UT

UT screw connection terminal blocks

The UT screw connection terminal blocks from the CLIPLINE complete system satisfy the most stringent requirements and cover a wide area of application. The terminal blocks impress with their maintenance-free conductor connection and offer maximum flexibility with their multi-conductor connection. You can connect conductors with a nominal cross section either with or without ferrules. It is not necessary to tighten the terminal block screws, since they are prevented from loosening by the Reakdyn principle, a screw locking technique developed by Phoenix Contact. Very large conductor cross sections up to 240 mm² can also be wired gas-tight and with long-term stability thanks to the high contact forces.

Your web code: #1397

Product range overview

2.5 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	**219**
Disconnect and knife disconnect terminal blocks	**221**
Diode and LED terminal blocks	**223**
Installation terminal blocks	**224**
Mini feed-through terminal blocks and ground terminals	**227**

4 mm²

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals	**229**
Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape	**231**
Disconnect and knife disconnect terminal blocks	**233**
Measuring transducer disconnect terminal blocks	**238**
Diode terminal blocks	**239**
Installation terminal blocks	**240**
Mini feed-through terminal blocks and ground terminals	**241**

6 mm²

Feed-through and multi-level terminal blocks and ground terminals	**243**
Fuse terminal blocks	**243**
Disconnect and knife disconnect terminal blocks	**244**
Measuring transducer disconnect terminal blocks	**246**
Installation terminal blocks	**248**

10 mm²

Feed-through terminal blocks and ground terminals	**251**
Installation terminal blocks	**251**

16 mm²

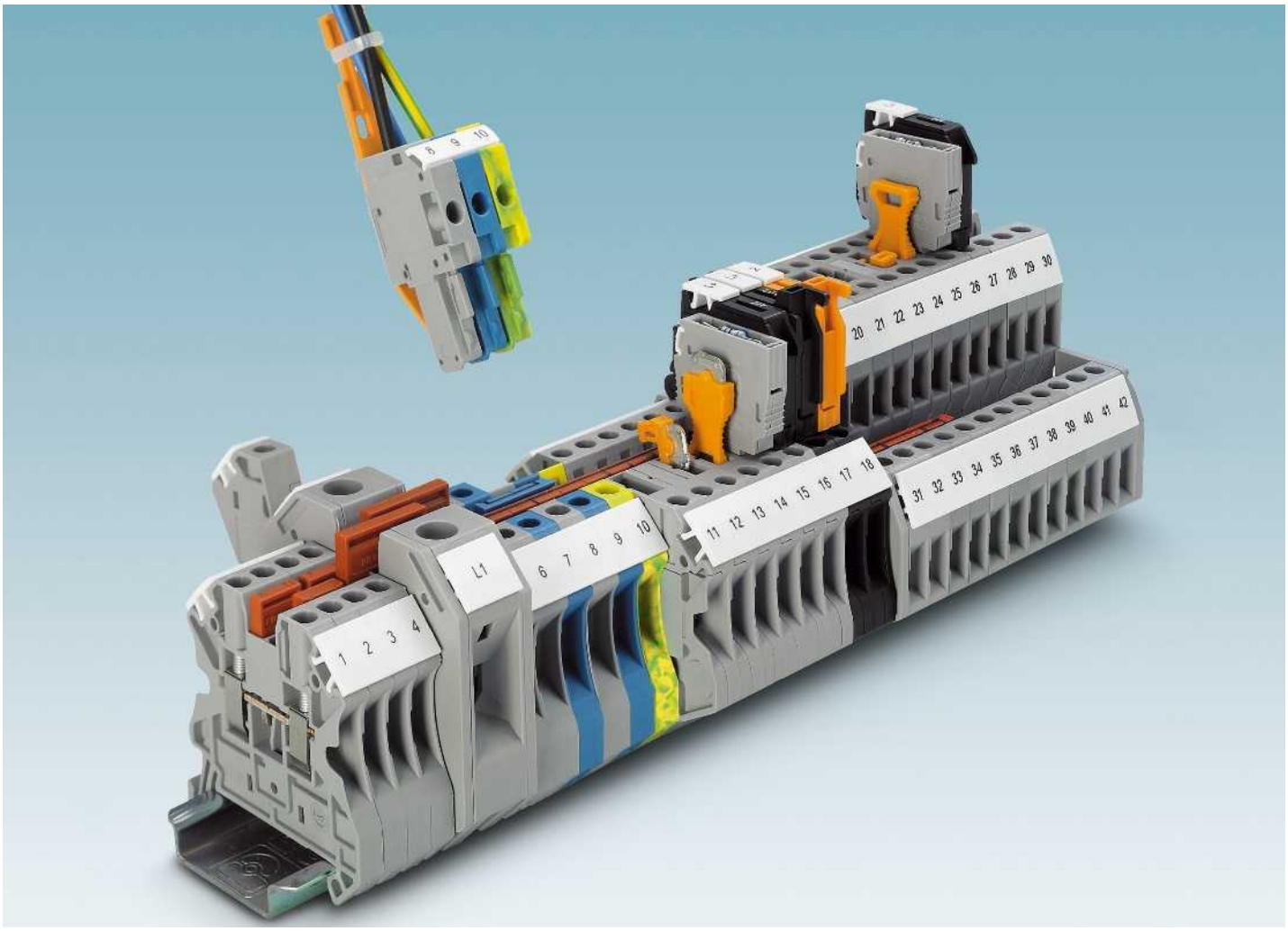
Feed-through terminal blocks and ground terminals	**253**
Installation terminal blocks	**253**

35 mm²

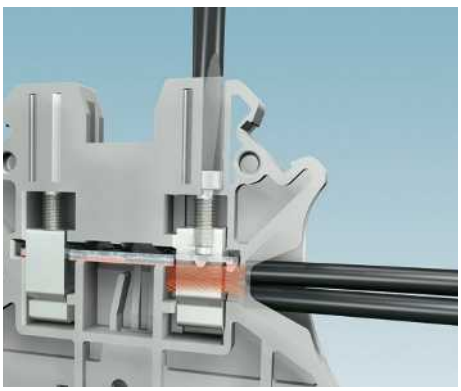
Feed-through terminal blocks and ground terminals	**255**
Installation terminal blocks	**255**

50 mm² - 240 mm²

High-current terminal blocks	**257**



Your web code: #1397



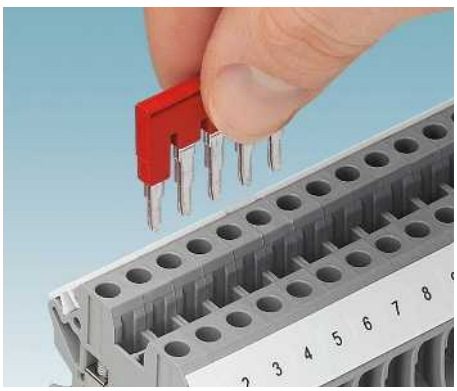
Universal and zero-maintenance

The screw connection is characterized by three main features:
– Global standard
– Multiple conductor connection
– Zero maintenance thanks to Reakdyn principle



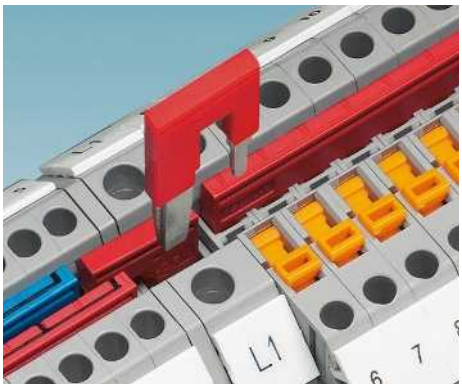
Snap-on PE foot

Ground terminals of the same shape are simply snapped onto the DIN rail in order to make contact. This mechanically and electrically efficient contacting meets all the requirements of the IEC 60947-7-2 standard.

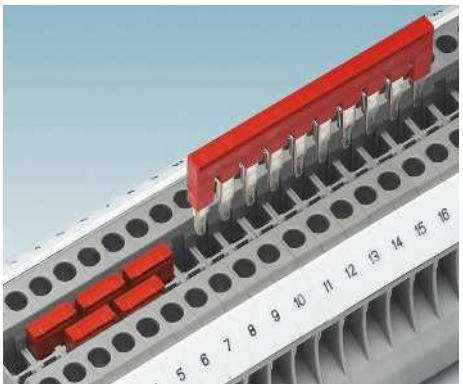


Flexible plug-in bridge system

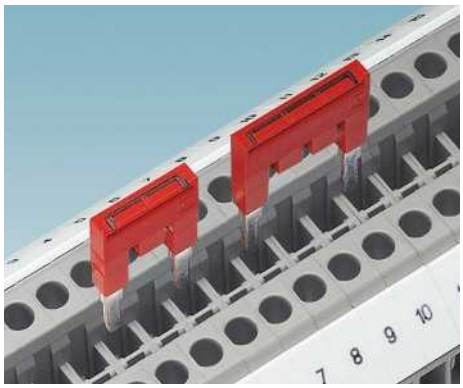
Potential can be distributed quickly using standardized plug-in bridges. Using two bridge shafts in all terminal blocks makes flexible chain and level bridging and bridging between non-adjacent terminal blocks possible.



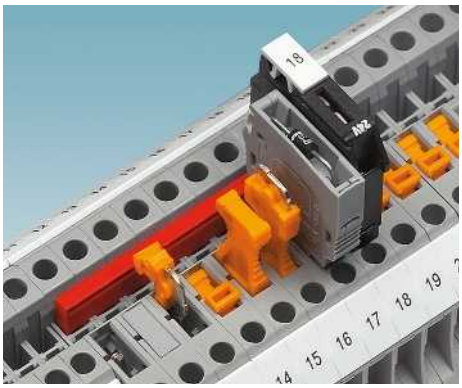
The reducing bridge enables terminal blocks with different nominal cross sections to be connected easily, e.g., a UT 10 terminal block to a UT 2,5. Power blocks can be created quickly using the reducing bridge.



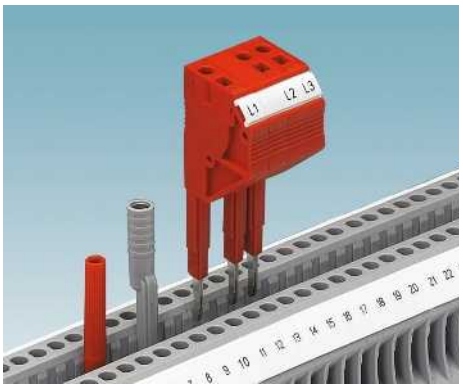
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



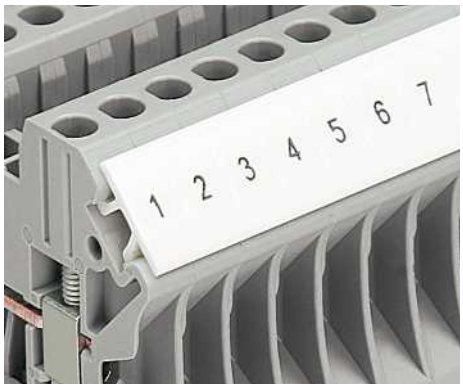
Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. The contact points can also be marked.



The P-FIX isolated feed-through connector, P-DI isolating plug, P-CO component connector, and P-FU cartridge fuse plug can be used in the universal plug-in zone of the disconnect terminal block.



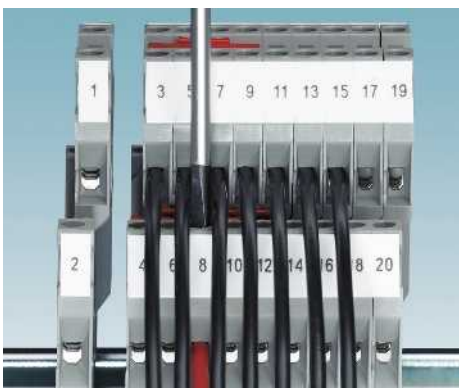
For measuring lines, a test plug with a 2.3 mm diameter is available. All measurement and testing can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



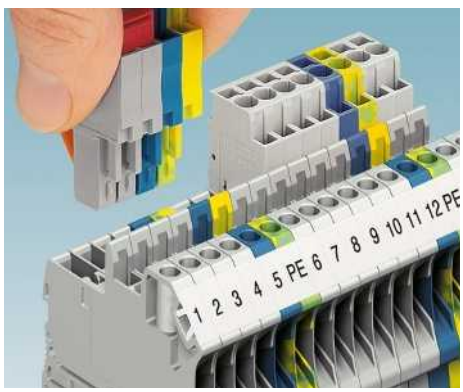
Large-surface and clear marking of the terminal points is essential for reliable and quick installation. Each terminal point in the UT series can be marked separately.



UT 4-MTD disconnect terminal blocks and feed-through terminal blocks are available in the same shape as the feed-through terminal blocks. All terminal blocks can be continuously bridged with one another with the double function shaft.

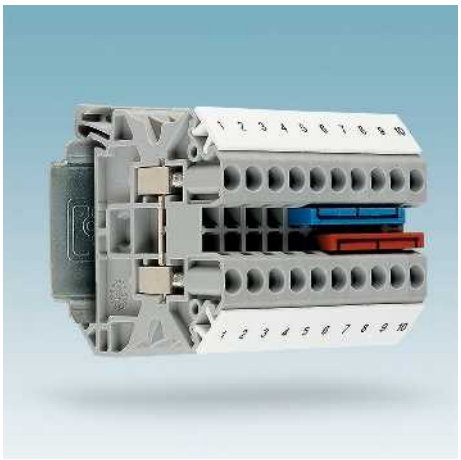


The offset levels of the double-level terminal blocks allow unhindered access to the lower connection levels even when already fully wired. They also provide a perfect view of the lower marking labels and conductor entry funnel.



UT-COMBI terminal blocks are available for creating plug-in signal and power wiring. The system is touch-proof and offers connectors for self-assembly with extensive accessories. See “COMBI” section, page 269.

UT ... feed-through, multi-conductor, and multi-level terminal blocks



- Multi-level terminal blocks with PE pick-off and function level
- Signal processing and protection in a confined space, thanks to safety/disconnect lever and universal function zone
- Double bridge shaft enables individual potential distribution and supply
- Suitable for process technology, thanks to Ex nA approval
- Feed-through terminal blocks of the same shape available

Your web code: #0056

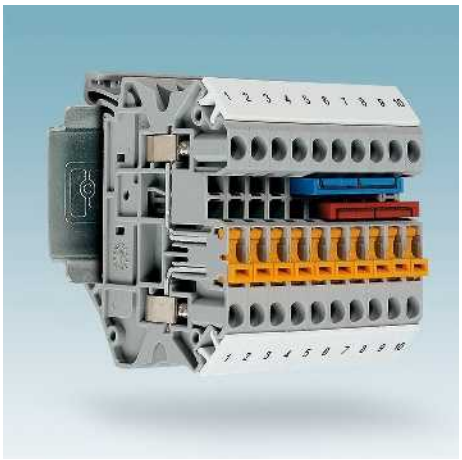
UT ... multifunctional terminal blocks



- A wide range of products thanks to versions with PE function or LED display
- Optimum overview of signal connections thanks to a variety of marking options
- Modular expansion up to a maximum of 50 positions, as feed-in terminals are the same shape
- Energy supplied or enhanced by feed-in terminals

Your web code: #0075

UT ... function terminal blocks



- Convenient separation of circuits using lever-type disconnect knife, isolating plug or rotary contact
- User-friendly current measurement thanks to testing facility either side of the disconnect point
- Safe operation as the disconnect lever is locked in the end positions
- Clear identification of the disconnect point thanks to color highlighting
- Individual assembly with disconnect element, fuse plug, component connector, and feed-through connector

Your web code: #0057

UTME ... measuring transducer disconnect terminal blocks



- Easy and safe operation thanks to clear indication of switching states
- Maximum functionality, up to six universal function shafts for potential distribution or for test purposes
- Modular expansion thanks to feed-through terminal blocks and ground terminals of the same shape
- Modular design of transformer circuits thanks to plug-in measuring transducer disconnect terminal blocks
- Reliable protection of connected current transformers thanks to connector versions with an integrated, leading short-circuit contact

Your web code: #0058

MUT ... miniature terminal blocks



- Space-saving thanks to compact design and mounting option on a 15 mm DIN rail
- Clear, as all terminal points are marked
- Easy potential distribution thanks to standardized plug-in bridges
- Ideal for installation in small control boxes or terminal boxes, e.g., for motor connection

Your web code: #0059

UTI ... installation terminal blocks



- Space-saving thanks to compact three-level distributor terminal blocks of the same shape for single- and multi-phase circuits
- Complete flexibility – all installation terminal blocks with different connection technologies can be combined
- Dielectric test without disconnecting the neutral conductor – thanks to the disconnect slide
- Protection against unintentional actuation since the disconnect slide can be snapped into the limit positions
- Easy terminal block mounting without removing the neutral busbar

Your web code: #0060

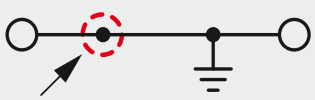
2.5 mm² UT screw connection terminal blocks

General technical data for 2.5 mm² UT screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5
2 conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	9			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



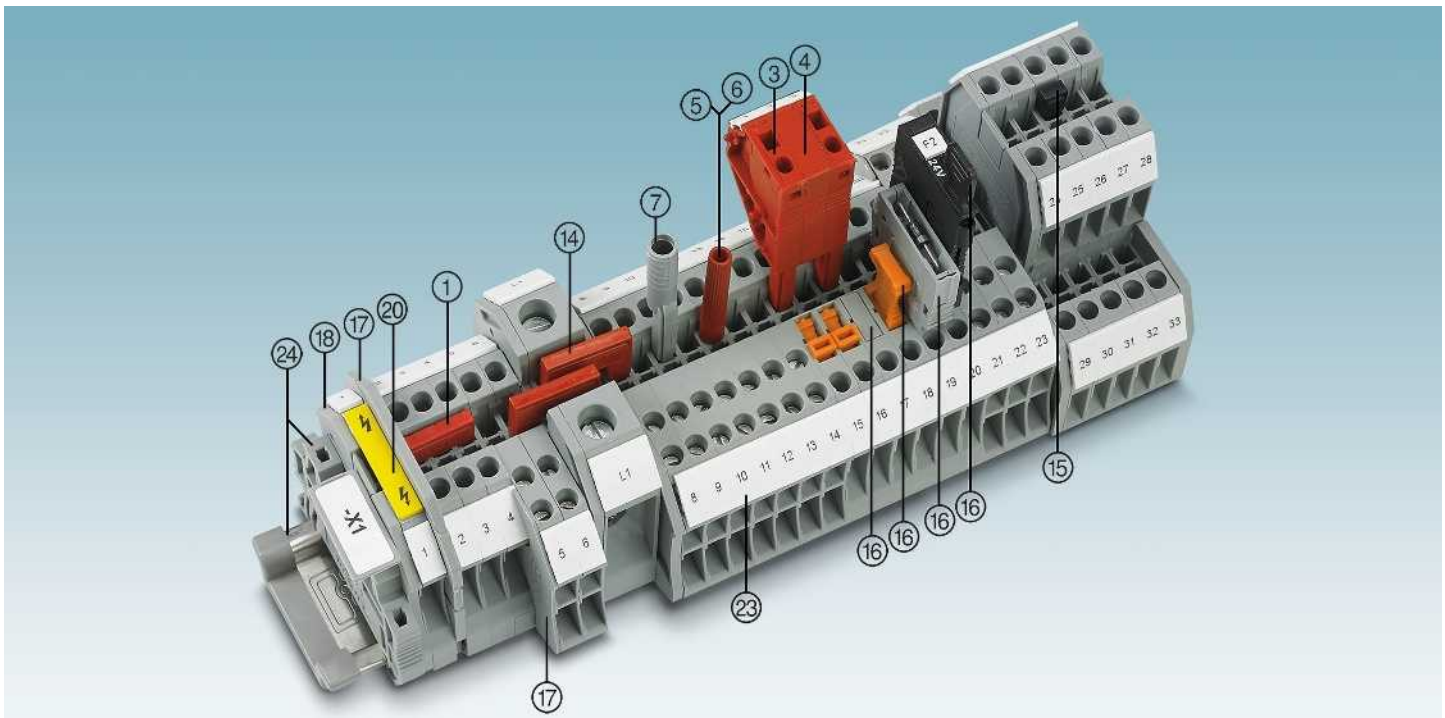
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50	**FBSR 2-5**	3033702	50
	3	red	**FBS 3-5**	3030174	50	**FBSR 3-5**	3001591	50
	4	red	**FBS 4-5**	3030187	50	**FBSR 4-5**	3001592	50
	5	red	**FBS 5-5**	3030190	50	**FBSR 5-5**	3001593	50
	10	red	**FBS 10-5**	3030213	10	**FBSR 10-5**	3033710	10
	20	red	**FBS 20-5**	3030226	10			
③ **Modular test plug**		red	**PS-5**	3030983	10			
④ **Spacer plate**		red	**DP PS-5**	3036725	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10			

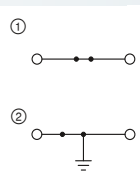
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS-PV ..., see page 398.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 218.

For information on installation and using accessories for Ex applications, see page 644.





32 A, feed-through terminal block and ground terminal

Ex: EAC Ex

KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data[1])

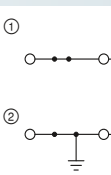
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**47.7**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**1000**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	690
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	22 / 2.5

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 2,5**	①	3044076	50
	blue	**UT 2,5 BU**	①	3044089	50
Ground terminal	green-yellow	**UT 2,5-PE**	②	3044092	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5/10**	3047028	50





30 A, feed-through terminal block and ground terminal, 3 connections

Ex: EAC Ex

KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data[1])

		Width	Length	Height	
		5.2	**57.8**	**47.5 (NS 35/7,5)**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**500**	**0.14 - 4**	**26-12**
		24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
		500	150	150	352
		24 / 2.5	20 / -	20 / -	21 / 2.5

Ordering data

Type		Order No.	Pcs./Pkt.
UT 2,5-TWIN	①	3044513	50
UT 2,5-TWIN BU	①	3044526	50
UT 2,5-TWIN-PE	②	3044539	50

Accessories[1])

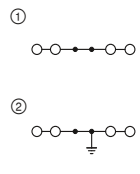
D-UT 2,5/4-TWIN	3047141	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 218.

For information on installation and using accessories for Ex applications, see page 644.





30 A, feed-through terminal block and ground terminal, 4 connections

Ex: EAC Ex

KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data[1])

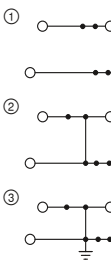
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**65.4**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	150	150	352
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	21 / 2.5

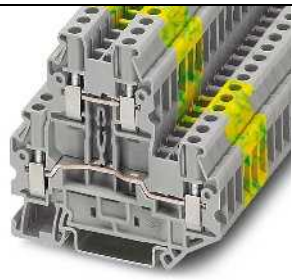
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 2,5-QUATTRO**	①	3044542	50
	blue	**UT 2,5-QUATTRO BU**	①	3044555	50
	With potential distribution	gray			
Ground terminal	green-yellow	**UT 2,5-QUATTRO-PE**	②	3044568	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5/4-QUATTRO**	3047170	50
Spacer plate	gray			





28 A, double-level terminal block and ground terminal

Ex: EAC Ex

KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data[1])

		Width	Length	Height	
		5.2	**69.9**	**65 (NS 35/7,5)**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	**500**	**0.14 - 4**	**26-12**
		24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
		500	600	600	352
		24 / 2.5	20 / -	20 / -	20 / 2.5

Ordering data

Type		Order No.	Pcs./Pkt.
UTTB 2,5	①	3044636	50
UTTB 2,5 BU	①	3044649	50
UTTB 2,5-PV	②	3044652	50
UTTB 2,5-PE	③	3044665	50

Accessories[1])

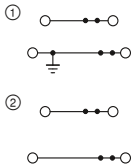
D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

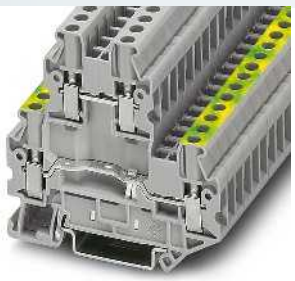
2.5 mm² UT screw connection terminal blocks

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

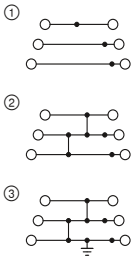
Notes:

[1]) For additional accessories and technical data, see page 218.





28 A, double-level terminal block with PE foot





24 A, three-level terminal block and ground terminal

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**69.9**	**65 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	28	**500**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**90**	**77.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24	**500**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	19 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	19 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UTTB 2,5-PE/L**	①	3044678	50
	blue				
upper level blue	gray	**UTTB 2,5-PE/N**	①	3046731	50
upper level blue	gray	**UTTB 2,5-L/N**	②	3044681	50
With potential distribution	gray				
Ground terminal	green-yellow				

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
		UT 2,5-3L	①	3214259	50
		UT 2,5-3L BU	①	3002389	50
		UT 2,5-3PV	②	3214262	50
		UT 2,5-3PE	③	3214275	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UTTB 2,5/4**	3047293	50
Spacer plate	gray	**DP-UTTB 2,5/4**	3047303	50

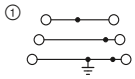
Accessories[1])

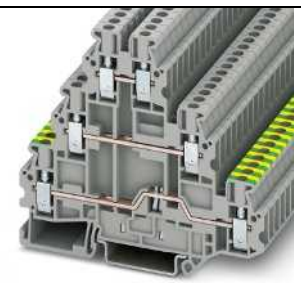
D-UT 2,5-3L	3214314	50

Multi-level terminal blocks

Notes:

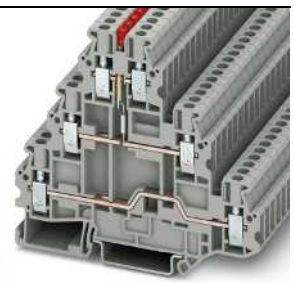
[1]) For additional accessories and technical data, see page 218.





24 A, three-level terminal block with PE foot





24 A, three-level terminal block with LED display

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**90**	**77.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24	**500**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	19 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	19 / 2.5	20 / -	20 / -	- / -

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**5.2**	**90**	**77.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24	**500**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	19 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	24	-
Nominal current / cross section [A] / [mm²]	19 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 2,5-PE/L/L**	①	3214301	50
upper level blue	gray	**UT 2,5-PE/L/N**	①	3214291	50
Terminal block, with LED for 12–30 V DC, 0.7–2.4 mA	gray				

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
		UT 2,5-3L-LA24RD/O-M	①	3214288	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5-3L**	3214314	50

Accessories[1])

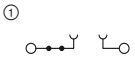
D-UT 2,5-3L	3214314	50

Disconnect terminal blocks

Notes:

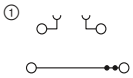
[1]) For additional accessories and technical data, see page 218.

[2]) Current and voltage are determined by the connector used.

① 



20 A, disconnect terminal block

① 



24 A, double-level terminal block with disconnect zone

Technical data[1])							
Dimensions	Width	Length	Height		Width	Length	Height	
[mm]	**5.2**	**57.8**	**47.5 (NS 35/7,5)**		**5.2**	**69.9**	**65 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20[2])	**400[2])**	**0.14 - 4**	**26-12**	**24**	**400**	**0.14 - 4**	**26-12**
Maximum bridge current [A]	20 (FBS) / 17.5 (FBSR)				22 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400[2])	300	300	-	400	300	300	-
Nominal current / cross section [A] / [mm²]	20[2]) / 2.5	20 / -	16 / -	- / -	22 / 2.5	16 / -	16 / -	- / -
Nominal current / cross section [A] / [mm²]	-				16[2]) / 2.5 (disconnect level)			

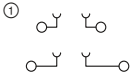
Ordering data							
Description	Color	Type		Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**UT 2,5-TG**	①	3046388	50			
	blue	**UT 2,5-TG BU**	①	3046579	50			
With test socket screws	gray	**UT 2,5-TG-P/P**	①	3046391	50	**UTTB 2,5-TG-P/P** ①	3044644	50
	blue	**UT 2,5-TG-P/P BU**	①	3046582	50			

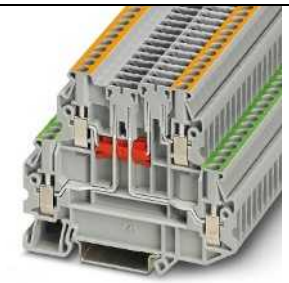
Accessories[1])							
Cover, width: 2.2 mm	gray	**D-UT 2,5/4-TWIN**		3047141	50	**D-UTTB 2,5/4**	3047293	50
Spacer plate	gray					**DP-UTTB 2,5/4**	3047303	50

Disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 218.

① 



16 A, double-level terminal block with two disconnect zones

Technical data[1])				
Dimensions	Width	Length	Height	
[mm]	**5.2**	**80.1**	**58.1 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	16	**400**	**0.14 - 4**	**26-12**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	400	300	300	-
Nominal current / cross section [A] / [mm²]	16 / 2.5	16 / -	16 / -	- / -

Ordering data					
Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UTT 2,5-2TG-P/P**	①	3044674	50

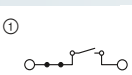
Accessories[1])				
Cover, width: 2.2 mm	gray	**D-UTT 2,5/4**	3044676	50
Spacer plate, compensates for level offsets, width 2.5 mm	gray	**DP-UTT 2,5/4**	3044677	50

2.5 mm² UT screw connection terminal blocks

Knife disconnect terminal blocks

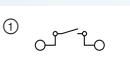
Notes:

[1]) For additional accessories and technical data, see page 218.





20 A, knife disconnect terminal block





24 A, double-level terminal block with disconnect knife

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**57.8**	**49.1 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**400**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	20 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	16 / -	- / -
Nominal current / cross section	[A] / [mm²]	-			

Technical data[1])

Width	Length	Height	
5.2	**69.9**	**65 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**400**	**0.14 - 4**	**26-12**
22 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
400	300	300	-
22 / 2.5	16 / -	16 / -	- / -
16 / 2.5 (disconnect level)			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	**UT 2,5-MT**	①	3046362	50
	blue	**UT 2,5-MT BU**	①	3046553	50
With test socket screws	gray	**UT 2,5-MT-P/P**	①	3046375	50
	blue	**UT 2,5-MT P/P BU**	①	3046566	50

Ordering data

Type		Order No.	Pcs./Pkt.
UTTB 2,5-MT-P/P	①	3044640	50
UTTB 2,5-MT-P/P BU	①	3044641	50

Accessories[1])

		Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	gray	**D-UT 2,5/4-TWIN**	3047141	50
Spacer plate	gray			

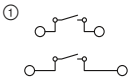
Accessories[1])

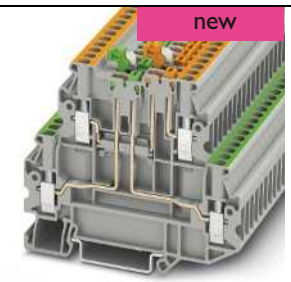
		Order No.	Pcs./Pkt.
D-UTTB 2,5/4		3047293	50
DP-UTTB 2,5/4		3047303	50

Knife disconnect terminal blocks

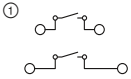
Notes:

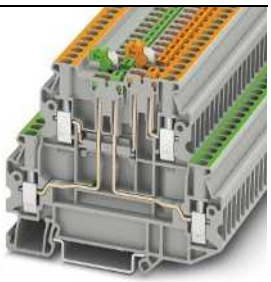
[1]) For additional accessories and technical data, see page 218.





16 A, double-level terminal block with one disconnect knife per level





16 A, double-level terminal block with one disconnect knife per level, test socket screw

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**80.1**	**65 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	**400**	**0.14 - 4**	**-**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	16 / 2.5	- / -	- / -	- / -

Technical data[1])

Width	Length	Height	
5.2	**80.1**	**65 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	**400**	**0.14 - 4**	**26-12**
IEC	UL / CUL	CSA	Ex
400	300	300	-
16 / 2.5	16 / -	16 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	**UTT 2,5-2MT**	①	3044679	50
	blue	**UTT 2,5-2MT BU**	①	3044680	50
With test socket screws	gray				
	blue				

Ordering data

Type		Order No.	Pcs./Pkt.
UTT 2,5-2MT-P/P	①	3044670	50
UTT 2,5-2MT-P/P BU	①	3044671	50

Accessories[1])

		Order No.	Pcs./Pkt.
Cover, width: 2.2 mm	gray	**D-UTT 2,5/4**	3044676	50
Spacer plate, compensates for level offsets, width 2.5 mm	gray	**DP-UTT 2,5/4**	3044677	50

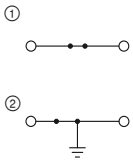
Accessories[1])

		Order No.	Pcs./Pkt.
D-UTT 2,5/4		3044676	50
DP-UTT 2,5/4		3044677	50

Diode and LED terminal blocks

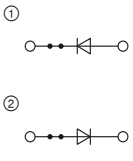
Notes:

[1]) For additional accessories and technical data, see page 218.





32 A, feed-through terminal block and ground terminal, same shape





0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A)

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	57.8	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	800	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	57.8	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		0.5	800	0.14 - 4	26-12
Maximum bridge current	[A]	0.5 (FBS) / 0.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	0.5 / 1	0.5 / -	0.5 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 2,5-MTD**	①	3064085	50
	blue	**UT 2,5-MTD BU**	①	3064108	50
With test socket screws	gray	**UT 2,5-MTD P/P**	①	3064098	50
	blue	**UT 2,5-MTD P/P BU**	①	3064111	50
Ground terminal	green-yellow	**UT 2,5-MTD-PE**	②	3064124	50
Terminal block, for conducting direction see circuit diagram	gray				
	gray				

Ordering data

Type		Order No.	Pcs./Pkt.
UT 2,5-MTD-DIO/R-L	①	3064140	50
UT 2,5-MTD-DIO/L-R	②	3064137	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5/4-TWIN**	3047141	50

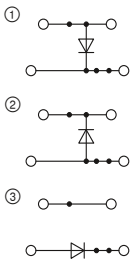
Accessories[1])

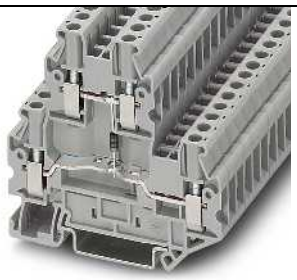
D-UT 2,5/4-TWIN	3047141	50

Diode and LED terminal blocks

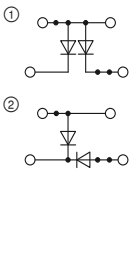
Notes:

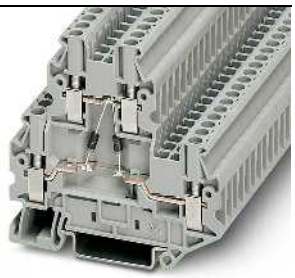
[1]) For additional accessories and technical data, see page 218.





28 A, double-level diode terminal block, 1N 4007 (1300 V/0.5 A)





28 A, double-level terminal block with two 1N 4007 diodes (1300 V/0.5 A)

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	69.9	65 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	500	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	1 / -	- / -

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	69.9	65 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	500	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	1 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**UTTB 2,5-DIO/O-U**	①	3046650	50
	gray	**UTTB 2,5-DIO/U-O**	②	3046663	50
	gray	**UTTB 2,5-DIO/UL-UR**	③	3046728	50
	gray				
	gray				

Ordering data

Type		Order No.	Pcs./Pkt.
UTTB 2,5-2DIO/O-UL/O-UR	①	3046689	50
UTTB 2,5-2DIO/O-UL/UR-UL	②	3046676	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UTTB 2,5/4**	3047293	50
Spacer plate	gray	**DP-UTTB 2,5/4**	3047303	50

Accessories[1])

D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

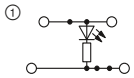
2.5 mm² UT screw connection terminal blocks

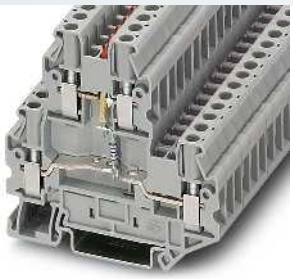
Diode and LED terminal blocks

Notes:

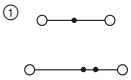
1) For additional accessories and technical data, see page 218.

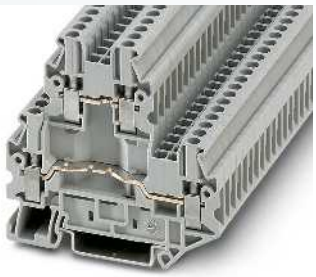
2) The voltage is determined by the light indicator version selected.





28 A, double-level terminal block with LED display





28 A, double-level terminal block for soldering in components

Technical data[1]

Dimensions		Width	Length	Height	
	[mm]	5.2	69.9	65 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	24[2]	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	24[2]	600	24	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, with LED for 12–30 V DC, 0.7–2.4 mA	gray	**UTTB 2,5-LA 24 RD**	1	3046692	50
for 30-60 V DC, 0.8-1.8 mA	gray	**UTTB 2,5-LA 60 RD**	1	3046702	50
for 110–250 V AC/DC, 0.1–0.5 mA	gray	**UTTB 2,5-LA 230**	1	3046715	50
Terminal block, component can be soldered in	gray				

Accessories[1]

Cover, width: 2.2 mm	gray	**D-UTTB 2,5/4**	3047293	50
Spacer plate	gray	**DP-UTTB 2,5/4**	3047303	50

Technical data[1]

Dimensions		Width	Length	Height	
	[mm]	5.2	69.9	65 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		28	500	0.14 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
UTTB 2,5-BE	1	3046744	50

Accessories[1]

D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

Installation terminal blocks

Notes:

1) For additional accessories and technical data, see page 218.

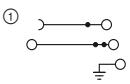
2) 3-pos. termination block.

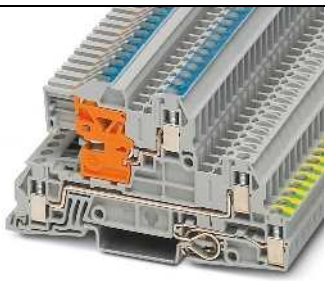
Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found via web code #0060.





24 A, neutral disconnect terminal block





4 (4) mm², 30 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor can be disconnected, 1 x PE

Technical data[1]

Dimensions		Width	Length	Height	
	[mm]	5.2	55	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	250	0.14 - 4	-
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	250	-	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	- / -	- / -	- / -
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	-

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	blue	**UTN 2,5**	1	3245011	50
	gray				

Accessories[1]

Cover, width: 2.2 mm	blue	**D-UTN 2,5/10**	3245079	50

Technical data[1]

Dimensions		Width	Length	Height	
	[mm]	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2]	400	0.2 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	24 / 4	20 / -	- / -	- / -
Rated cross section	[mm²]	4			
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-

Ordering data

Type		Order No.	Pcs./Pkt.
UTI 2,5-PE/L/NT	1	3076028	50

Accessories[1]

D-UTI/3	3076036	50

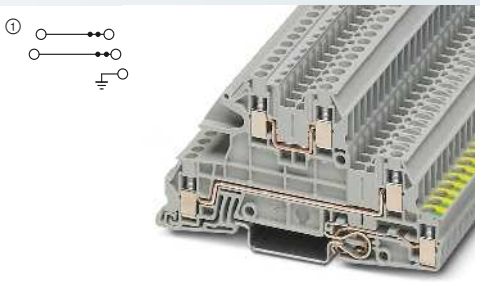
Installation terminal blocks

Notes:

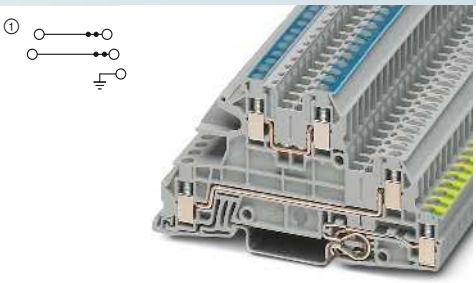
[1]) For additional accessories and technical data, see page 218.

[2]) 3-pos. termination block.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found via web code #0060.



4 (4) mm², 30 A, three-level terminal block, 2 x L phase conductor, 1 x PE



4 (4) mm², 30 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor, 1 x PE

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2])	400	0.2 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	-	
Nominal current / cross section	[A] / [mm²]	24 / 4	20 / -	- / -	- / -
Rated cross section	[mm²]	4			
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-

Ordering data

Description	Color
Terminal block	gray

Type		Order No.	Pcs./Pkt.
UTI 2,5-PE/L/L	①	3076029	50

Accessories[1])

Cover, width: 2.2 mm	gray	

Type	Order No.	Pcs./Pkt.
D-UTI/3	3076036	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	400	0.2 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	24 / 4	20 / -	- / -	- / -
Rated cross section	[mm²]	4			
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-

Ordering data

Type		Order No.	Pcs./Pkt.
UTI 2,5-PE/L/N	①	3076030	50

Accessories[1])

Type	Order No.	Pcs./Pkt.
D-UTI/3	3076036	50

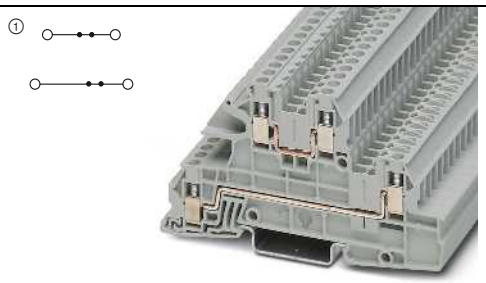
Installation terminal blocks

Notes:

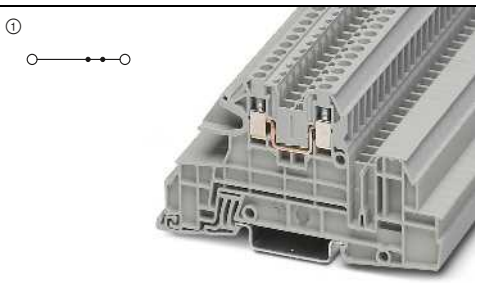
[1]) For additional accessories and technical data, see page 218.

[2]) 3-pos. termination block.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found via web code #0060.



4 (4) mm², 30 A, three-level terminal block, 2 x L phase conductor



4 (4) mm², 30 A, three-level terminal block, 1 x L phase conductor

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2])	400	0.2 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	24 / 4	20 / -	20 / -	- / -
Rated cross section	[mm²]	4			
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-

Ordering data

Description	Color
Terminal block	gray
upper level blue	gray

Type		Order No.	Pcs./Pkt.
UTI 2,5-L/L	①	3076031	50
UTI 2,5-L/L/N	①	3076035	50

Accessories[1])

Cover, width: 2.2 mm	gray	

Type	Order No.	Pcs./Pkt.
D-UTI/3	3076036	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	93.5	51.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2])	400	0.2 - 4	26-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	24 / 4	20 / -	20 / -	- / -
Rated cross section	[mm²]	4			
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-

Ordering data

Type		Order No.	Pcs./Pkt.
UTI 2,5-L	①	3076034	50

Accessories[1])

Type	Order No.	Pcs./Pkt.
D-UTI/3	3076036	50

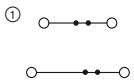
2.5 mm² UT screw connection terminal blocks

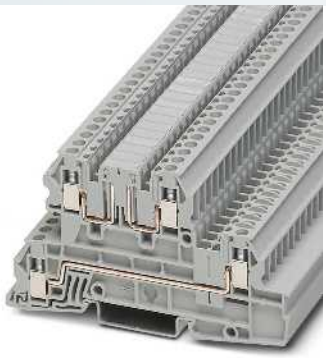
Installation terminal blocks

Notes:

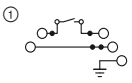
[1]) For additional accessories and technical data, see page 218.

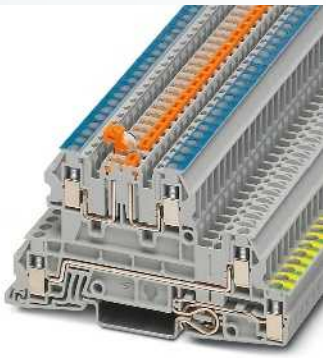
[2]) 3-pos. termination block.





4 (4) mm², 30 A, three-level terminal block, 2 x L phase conductor





4 (4) mm², 24 A, three-level terminal block, 1 x L phase conductor, 1 x N conductor can be disconnected, 1 x PE

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**93.5**	**51.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2])	**400**	**0.2 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	24 / 4	20 / -	20 / -	- / -
Rated cross section	[mm²]	4			
Cross section range	AWG	24 - 12	-	-	-
Nominal current / cross section	[A] / [mm²]	16 / 1.5 (disconnect level)			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-

		Ordering data		
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
Terminal block	gray	**UTI 2,5-L/LB** ①	3076033	50
		Accessories[1])		
Cover, width: 2.2 mm	gray	**D-UTI/3**	3076036	50

	Technical data[1])			
Width	Length	Height		
5.2	**93.5**	**51.5 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
24[2])	**400**	**0.2 - 4**	**26-12**	
24 (FBS) / 17.5 (FBSR)				
IEC	UL / CUL	CSA	Ex	
400	300	300	-	
21 / 4	20 / -	- / -	- / -	
4				
24 - 12	-	-	-	
16 / 4 (disconnect level)				
solid	stranded	Ferrule without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 0.75	-	

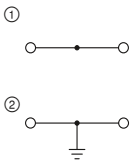
Ordering data		
Type	**Order No.**	Pcs./Pkt.
UTI 2,5-PE/L/NTB ①	3076032	50
Accessories[1])		
D-UTI/3	3076036	50

Mini feed-through terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 218.

For information on installation and using accessories for Ex applications, see page 644.





32 A, feed-through terminal block and ground terminal

Ex: EAC Ex
SEV13ATEX0178U / IECEx SEV13.0012U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**29.9**	**34 (NS 15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**500**	**0.2 - 4**	**24-12**
Maximum bridge current	[A]	21 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	600	352
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	20.5 / 4
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**MUT 2,5**	①	3248030	50
	blue	**MUT 2,5 BU**	①	3248031	50
Ground terminal	green-yellow	**MUT 2,5-PE**	②	3248032	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-MUT 2,5/4**	3248033	50

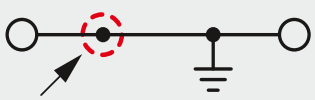
4 mm² UT screw connection terminal blocks

General technical data for 4 mm² UT screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm²]	4			
Cross section range	AWG	26 - 10			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
2 conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 2.5
General data					
Stripping length	[mm]	9			
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



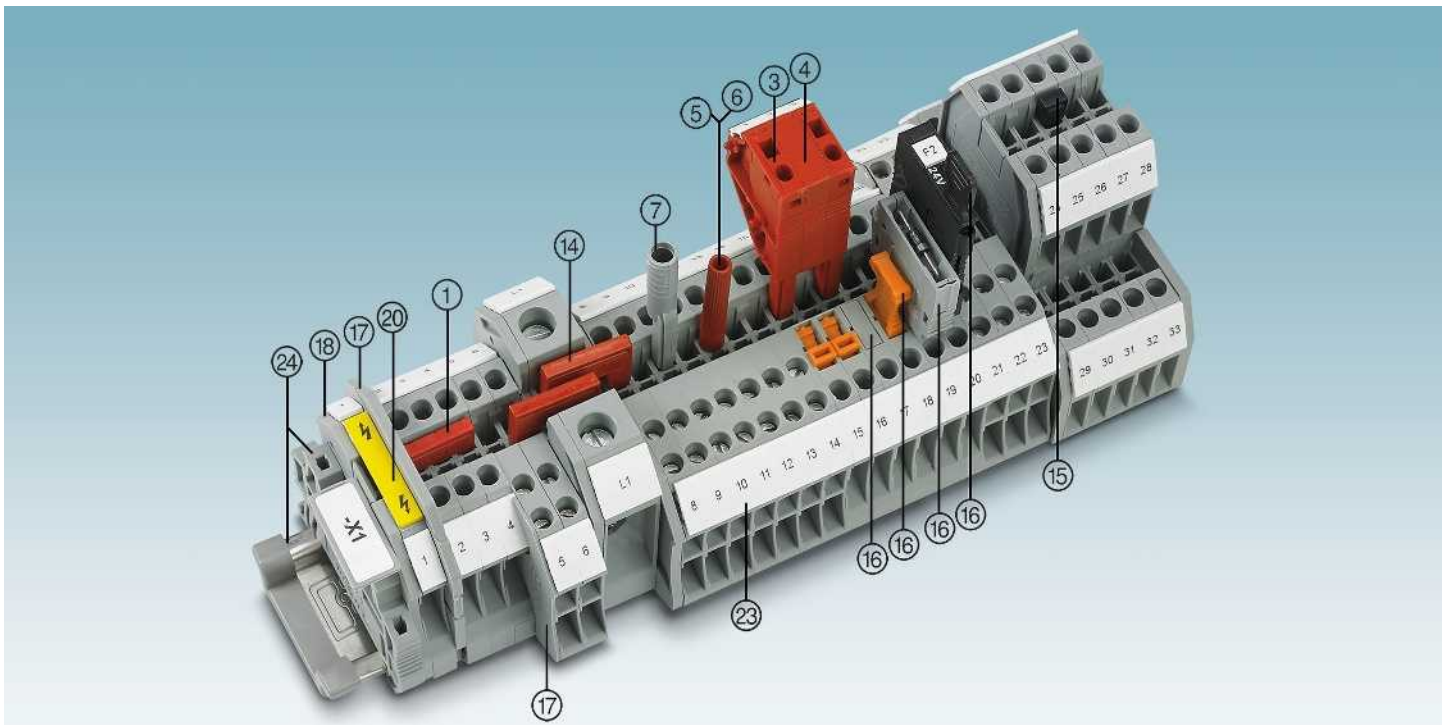
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 4 mm² UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-6**	3030336	50	**FBSR 2-6**	3033715	50
	3	red	**FBS 3-6**	3030242	50	**FBSR 3-6**	3001594	50
	4	red	**FBS 4-6**	3030255	50	**FBSR 4-6**	3001595	50
	5	red	**FBS 5-6**	3030349	50	**FBSR 5-6**	3001596	50
	10	red	**FBS 10-6**	3030271	10	**FBSR 10-6**	3033716	10
	20	red	**FBS 20-6**	3030365	10			
③ **Modular test plug**		red	**PS-6**	3030996	10			
④ **Spacer plate**		red	**DP PS-6**	3036738	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10			

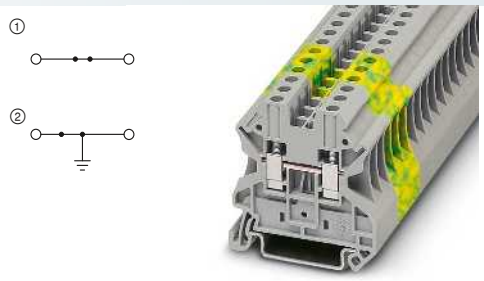
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS-PV ..., see page 398.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 228.

For information on installation and using accessories for Ex applications, see page 644.



41 A, feed-through terminal block and ground terminal

Ex: EAC Ex

KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data[1])

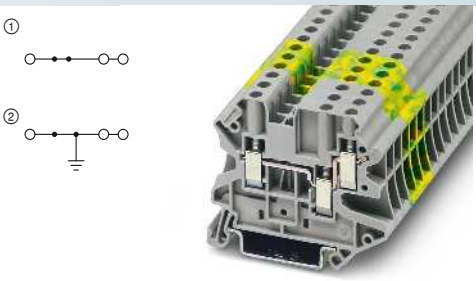
Dimensions				
	[mm]	Width	Length	Height
		6.2	47.7	47.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		41	1000	0.14 - 6 / 26-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 690
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / - / 30 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4**	①	3044102	50
	blue	**UT 4 BU**	①	3044115	50
Ground terminal	green-yellow	**UT 4-PE**	②	3044128	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5/10**	3047028	50



41 A, feed-through terminal block and ground terminal, 3 connections

Ex: EAC Ex

KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data[1])

		Width	Length	Height
		6.2	57.8	47.5 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		41	500	0.14 - 6 / 26-10
		32 (FBS) / 24 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		500	150	150 / 352
		32 / 4	30 / -	30 / - / 29 / 4

Ordering data

Type		Order No.	Pcs./Pkt.
UT 4-TWIN	①	3044364	50
UT 4-TWIN BU	①	3044500	50
UT 4-TWIN-PE	②	3044380	50

Accessories[1])

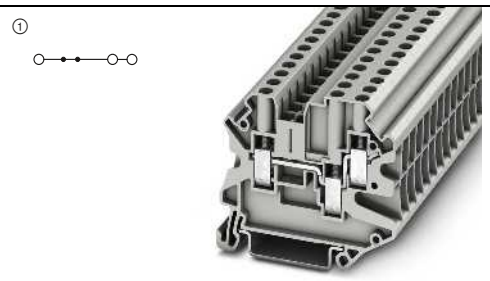
D-UT 2,5/4-TWIN		3047141	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 228.

For information on installation and using accessories for Ex applications, see page 644.



39 A, 1000 V, feed-through terminal block, 3 connections

Ex: EAC Ex

SEV13ATEX0133U / IECEx SEV13.0004U

Technical data[1])

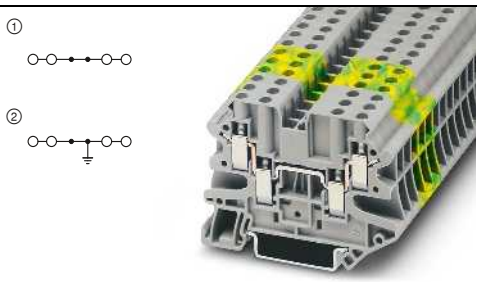
Dimensions				
	[mm]	Width	Length	Height
		6.2	57.8	50 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		39	1000	0.14 - 6 / 26-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 550
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / - / 27 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-TWIN HV**	①	3000608	50
	blue				
Ground terminal	green-yellow				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 4-TWIN HV**	3000710	50



39 A, feed-through terminal block and ground terminal, 4 connections

Ex: EAC Ex

KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data[1])

		Width	Length	Height
		6.2	65.4	47.5 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		39	500	0.14 - 6 / 26-10
		32 (FBS) / 24 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		500	150	150 / 352
		32 / 4	30 / -	30 / - / 29 / 4

Ordering data

Type		Order No.	Pcs./Pkt.
UT 4-QUATTRO	①	3044571	50
UT 4-QUATTRO BU	①	3044584	50
UT 4-QUATTRO-PE	②	3044597	50

Accessories[1])

D-UT 2,5/4-QUATTRO	3047170	50

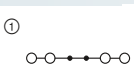
4 mm² UT screw connection terminal blocks

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 228.

For information on installation and using accessories for Ex applications, see page 644.





37 A, 1000 V, feed-through terminal block, 4 connections

Ex: EAC Ex

SEV13ATEX0133U / IECEx SEV13.0004U

Technical data[1])

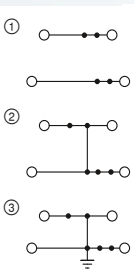
Dimensions		Width	Length	Height	
	[mm]	6.2	65.4	50 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		37	1000	0.14 - 6	-
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	-	-	550
Nominal current / cross section	[A] / [mm²]	32 / 4	- / -	- / -	27 / 4

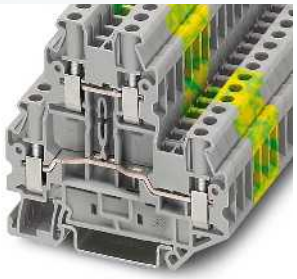
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-QUATTRO HV**	①	3048823	50
	gray	**UT 4-QUATTRO HV BU**	①	3048836	50
With potential distribution	gray				
Ground terminal	green-yellow				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 4-QUATTRO HV**	3048852	50
Spacer plate	gray			





36 A, double-level terminal block and ground terminal

Ex: EAC Ex

KEMA 06ATEX0017 U / IECEx KEM 06.0013U

Technical data[1])

Width	Length	Height		
6.2	69.9	65 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
36	800	0.14 - 6	26-10	
30 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
800	600	600	440	
30 / 4	30 / -	30 / -	25.5 / 4	

Ordering data

Type		Order No.	Pcs./Pkt.
UTTB 4	①	3044814	50
UTTB 4 BU	①	3044791	50
UTTB 4-PV	②	3044733	50
UTTB 4-PE	③	3044759	50

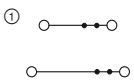
Accessories[1])

D-UTTB 2,5/4	3047293	50
DP-UTTB 2,5/4	3047303	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 228.





36 A, 1000 V, double-level terminal block, 2 connections top level

Technical data[1])

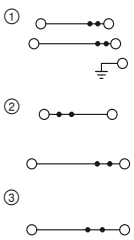
Dimensions		Width	Length	Height	
	[mm]	6.2	75.6	65 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		36	1000	0.14 - 6	26-10
Maximum bridge current	[A]	26 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	30 / 4	30 / -	30 / -	- / -

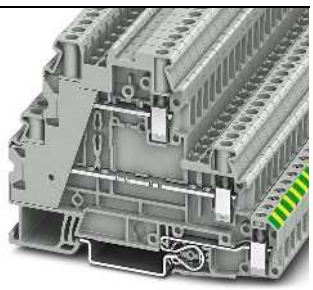
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UTTB 4 HV**	①	3000610	50
	gray				
	gray				
	gray				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UTTB 4 HV**	3000709	50





36 A, multi-level terminal block with PE foot

Technical data[1])

Width	Length	Height		
6.2	92.7	61.7 (NS 35/7,5)		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
36	500	0.14 - 6	26-10	
28 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
500	300	300	-	
30 / 4	16 / -	16 / -	- / -	

Ordering data

Type		Order No.	Pcs./Pkt.
UT 4-PE/L/L	①	3214360	50
UT 4-PE/L/N	①	3214361	50
UT 4-L/L	②	3214362	50
UT 4-L	③	3214363	50

Accessories[1])

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

Notes:

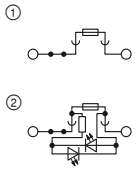
[1]) For additional accessories and technical data, see page 228.

[2]) If the fuse is faulty, the downstream circuit is not off load.

[3]) For max. power dissipation, see page 658.

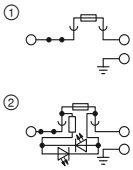
[4]) The current is determined by the fuse used, the voltage by the light indicator.

For lever marking, please use marking material with a 5.2 mm pitch.





10 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses





6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses, with PE foot

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**6.2**	**57.8**	**73 (NS 35/7,5)**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	10[3])	**500[4])**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[4])	600	600	-
Nominal current / cross section	[A] / [mm²]	6.3 / 1	6.3 / -	6.3 / -	- / -

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**6.2**	**70.8**	**73 (NS 35/7,5)**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	6.3[3])	**500[4])**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[4])	600	600	-
Nominal current / cross section	[A] / [mm²]	6.3 / 1	10 / -	10 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	black	**UT 4-HESI (5X20)**	①	3046032	50
with LED display for 12 – 30 V AC/DC[2])	black	**UT 4-HESILED 24 (5X20)**	②	3046090	50
for 12 - 60 V AC/DC [2])	black	**UT 4-HESILED 24 (5X20) 120KOHM**	②	3248005	50
for 30 - 60 V AC/DC[2])	black	**UT 4-HESILED 60 (5X20)**	②	3046126	50
for 110 - 250 V AC/DC[2])	black	**UT 4-HESILA 250 (5X20)**	②	3046100	50

Ordering data

Type		Order No.	Pcs./Pkt.
UT 4-PE/HESI (5X20)	①	3073995	50
UT 4-PE/HESI LED 24 (5X20)	②	3070053	50
UT 4-PE/HESILED 60 (5X20)	②	3070066	50
UT 4-PE/HESILA 250 (5X20)	②	3070079	50

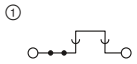
Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

– The lever-type disconnect terminal blocks are the same shape as the respective lever-type fuse terminal blocks

Notes:

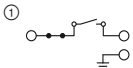
[1]) For additional accessories and technical data, see page 228.

For lever marking, please use marking material with a 5.2 mm pitch.





20 A, lever-type disconnect terminal block, same shape





20 A, lever-type disconnect terminal block, same shape, with PE foot

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**6.2**	**57.8**	**73 (NS 35/7,5)**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20	**500**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	16 / -	16 / -	- / -

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**6.2**	**70.8**	**73 (NS 35/7,5)**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20	**500**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	16 / -	16 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	black/orange	**UT 4-HEDI**	①	3046249	50
With test socket screws	black/orange	**UT 4-HEDI-P/P**	①	3046252	50

Ordering data

Type		Order No.	Pcs./Pkt.
UT 4-PE/HEDI	①	3074004	50

Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

Notes:

[1]) For additional accessories and technical data, see page 228.

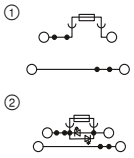
[2]) If the fuse is faulty, the downstream circuit is not off load.

[3]) For max. power dissipation, see page 658.

[4]) The current is determined by the fuse used.

For lever marking, please use marking material with a 5.2 mm pitch.

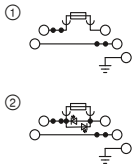
For information on installation and using accessories for Ex applications, see page 644.





36 A, multi-level terminal block, safety lever

Ex:





36 A, multi-level terminal block, safety lever with LED display, PE foot

Ex:

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	92.7	88.9 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		36[3])	500[3])	0.14 - 6 / 26-10
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500[3])	300	300 / -
Nominal current / cross section	[A] / [mm²]	28 / 4	16 / -	16 / - / - / -
Nominal current / cross section	[A] / [mm²]	6.3[4]) / 1 (disconnect level)		

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Fuse terminal block	black	**UT 4-L/HESI (5X20)**	①	3214325	50
	black				
With light indicator for 12-30 V DC[2])	black	**UT 4-L/HESILED 24 (5X20)**	②	3214366	50
for 30 – 60 V AC/DC[2])	black	**UT 4-L/HESILED 60 (5X20)**	②	3214367	50
for 110 – 250 V AC/DC[2])	black	**UT 4-L/HESILA 250 (5X20)**	②	3214368	50

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	92.7	88.9 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		36[3])	500[3])	0.14 - 6 / 26-10
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500[3])	300	300 / -
Nominal current / cross section	[A] / [mm²]	28 / 4	16 / -	16 / - / - / -
Nominal current / cross section	[A] / [mm²]	6.3[4]) / 1 (disconnect level)		

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Fuse terminal block	black	**UT 4-PE/L/HESI (5X20)**	①	3214320	50
	black	**UT 4-PE/L/HESILED 24 (5X20)**	②	3214321	50
With light indicator for 12-30 V DC[2])	black	**UT 4-PE/L/HESILED 60 (5X20)**	②	3214322	50
for 30 – 60 V AC/DC[2])	black	**UT 4-PE/L/HESILED 250 (5X20)**	②	3214323	50
for 110 – 250 V AC/DC[2])	black				

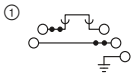
Fuse terminal blocks and lever-type disconnect terminal blocks of the same shape

Notes:

[1]) For additional accessories and technical data, see page 228.

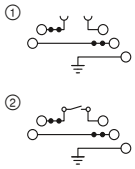
[2]) Current and voltage are determined by the connector used.

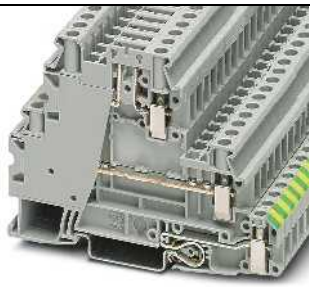
For lever marking, please use marking material with a 5.2 mm pitch.





36 A, multi-level lever-type disconnect terminal block, PE foot, same shape





36 A, multi-level terminal block with disconnect zone, PE foot

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	92.7	88.9 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		36	500	0.14 - 6 / 26-10
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	300	300 / -
Nominal current / cross section	[A] / [mm²]	28 / 4	16 / -	16 / - / - / -
Nominal current / cross section	[A] / [mm²]	20 / 1 (disconnect level)		

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	black	**UT 4-PE/L/HEDI**	①	3214324	50
	gray				
Terminal block	gray				

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	92.7	61.7 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		36	500	0.14 - 6 / 26-10
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	300	- / -
Nominal current / cross section	[A] / [mm²]	28 / 4	16 / -	- / - / - / -
Nominal current / cross section	[A] / [mm²]	20[2]) / 2.5 (disconnect level)		

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	black	**UT 4-PE/L/TG**	①	3214365	50
	gray	**UT 4-PE/L/MT**	②	3214364	50
Terminal block	gray				

Disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 228.
2) If the fuse is faulty, the downstream circuit is not off load.
3) Current and voltage are determined by the plug used.
Detailed information and data sheets regarding terminal blocks in the Ex area are available in the product area on our website at www.phoenixcontact.net/products and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.
Only the fuse plugs listed may be used.
For information on installation and using accessories for Ex applications, see page 644.

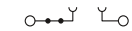
①





20 A, disconnect terminal block

①





20 A, disconnect terminal block, for Ex nA

Ex: DEMKO14ATEX1353U / IECEx UL 13.0007U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**6.2**	**57.8**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20[3])	**500[3])**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[3])	600	600	-
Nominal current / cross section	[A] / [mm²]	20[3]) / 2.5	16 / -	16 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-TG**	①	3046142	50
	blue	**UT 4-TG BU**	①	3073283	50
With test socket screws	gray	**UT 4-TG-P/P**	①	3046168	50
	blue	**UT 4-TG-P/P BU**	①	3073296	50

Accessories[1])

Fuse plug, width 6.2 mm²)	black			
With light indicator for 12-30 V DC	black			
for 30 – 60 V AC/DC	black			
for 110 – 250 V AC/DC	black			

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**6.2**	**57.8**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20[3])	**500[3])**	**0.14 - 6**	**-**
Maximum bridge current	[A]	20 (FBS)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[3])	-	-	250
Nominal current / cross section	[A] / [mm²]	20[3]) / 2.5	- / -	- / -	6.3 / 4

Ordering data

Type		Order No.	Pcs./Pkt.
UT 4-TG-EX	①	3046143	50
UT 4-TG-P/P-EX	①	3046169	50

Accessories[1])

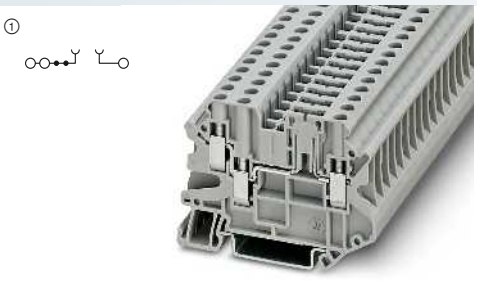
P-FU 5X20-EX	3036807	10
P-FU 5X20 LED 24-EX	3036821	10
P-FU 5X20 LED 60-EX	3036823	10
P-FU 5X20 LA 250-EX	3036836	10

Disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 228.

2) Current and voltage are determined by the connector used.



20 A, disconnect terminal block, 3 connections



20 A, disconnect terminal block, 4 connections

Technical data[1]

Dimensions		Width	Length	Height	
	[mm]	6.2	65.4	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	500[2]	0.14 - 6	26-10
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[2]	300	300	-
Nominal current / cross section	[A] / [mm²]	20[2] / 2.5	20 / -	16 / -	- / -

Technical data[1]

Dimensions		Width	Length	Height	
	[mm]	6.2	65.4	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	500[2]	0.14 - 6	26-10
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[2]	300	300	-
Nominal current / cross section	[A] / [mm²]	20[2] / 2.5	20 / -	16 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-TWIN-TG**	①	3046595	50
	blue	**UT 4-TWIN-TG BU**	①	3073034	50
With test socket screws	gray	**UT 4-TWIN-TG P/P**	①	3046605	50
	blue	**UT 4-TWIN-TG P/P BU**	①	3073047	50

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-QUATTRO-TG**	①	3064027	50
	blue	**UT 4-QUATTRO-TG BU**	①	3073076	50
With test socket screws	gray	**UT 4-QUATTRO-TG P/P**	①	3064030	50
	blue	**UT 4-QUATTRO-TG P/P BU**	①	3073089	50

Accessories[1]

Cover, width: 2.2 mm	gray	**D-UT 2,5/4-QUATTRO**	3047170	50

Accessories[1]

		D-UT 2,5/4-QUATTRO	3047170	50

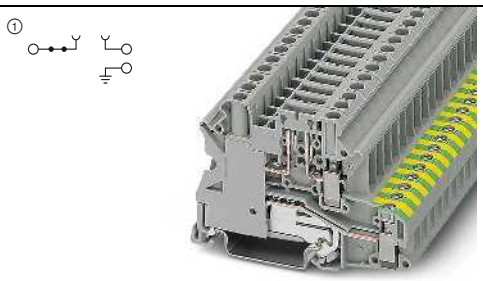
Disconnect terminal blocks

Notes:

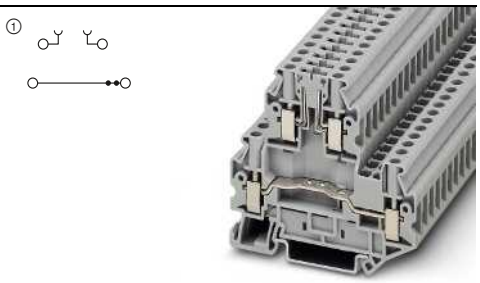
1) For additional accessories and technical data, see page 228.

2) Current and voltage are determined by the connector used.

3) Lower level.



20 A, disconnect terminal block with PE foot



38 A, double-level terminal block with disconnect zone

Technical data[1]

Dimensions		Width	Length	Height	
	[mm]	6.2	70.8	47.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	500	0.14 - 6	-
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	- / -	16 / -	- / -
Nominal current / cross section	[A] / [mm²]	-			

Technical data[1]

Dimensions		Width	Length	Height	
	[mm]	6.2	69.9	65 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		38[3]	500[2]	0.14 - 6	26-10
Maximum bridge current	[A]	30 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[2]	600	600	-
Nominal current / cross section	[A] / [mm²]	30 / 4	16 / -	5 / -	- / -
Nominal current / cross section	[A] / [mm²]	20[2] / 2.5 (disconnect level)			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-PE/TG**	①	3070024	50
With test socket screws	gray	**UT 4-PE/TG P/P**	①	3070037	50
Disconnect terminal block	gray				

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
		UTTB 4-TG	①	3044720	50

Accessories[1]

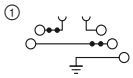
Cover, width: 2.2 mm	gray			
Spacer plate	gray			

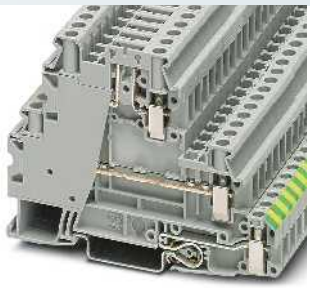
Accessories[1]

D-UTTB 2,5/4	3047293	50	
DP-UTTB 2,5/4	3047303	50	

Disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 228.
2) Current and voltage are determined by the connector used.





36 A, multi-level terminal block with disconnect zone, PE foot

Technical data1)

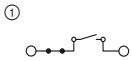
Dimensions				
	[mm]	Width	Length	Height
		6.2	**92.7**	**61.7 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		36	**500**	**0.14 - 6** / **26-10**
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	300	-
Nominal current / cross section	[A] / [mm²]	28 / 4	16 / -	- / - / - / -
Nominal current / cross section	[A] / [mm²]	20[2]) / 2.5 (disconnect level)		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-PE/L/TG** ①	3214365	50

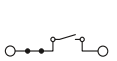
Knife disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 228.
For additional technical data, drawings, and accessories, please visit phoenixcontact.net/products.
For information on installation and using accessories for Ex applications, see page 644.





20 A, knife disconnect terminal block





20 A, knife disconnect terminal block for Ex nA

Ex: DEMKO14ATEX1353U / IECEx UL 13.0007U

Technical data1)

Dimensions					
	[mm]	Width	Length	Height	
		6.2	**57.8**	**49.1 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**500**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	16 / -	16 / -	- / -

Technical data1)

Width	Length	Height		
6.2	**57.8**	**49.1 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
20	**500**	**0.14 - 6**	**-**	
20 (FBS)				
IEC	UL / CUL	CSA	Ex	
500	-	-	500	
20 / 2.5	- / -	- / -	16 / 4	

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-MT** ①	3046139	50
	blue	**UT 4-MT BU** ①	3046278	50
With test socket screws	gray	**UT 4-MT-P/P** ①	3046171	50
	blue	**UT 4-MT-P/P BU** ①	3046265	50

Ordering data

Type	Order No.	Pcs./Pkt.
UT 4-MT-EX ①	3046141	50
UT 4-MT-P/P-EX ①	3046173	50

4 mm² UT screw connection terminal blocks

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 228.





new

20 A, knife disconnect terminal block, with actuation lever





new

20 A, knife disconnect terminal block, with actuation lever, test socket screws

Dimensions		Technical data[1])			
	[mm]	Width	Length	Height	
		6.2	57.8	49.1 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	500	0.14 - 6	26-10
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	16 / -	16 / -	- / -

Dimensions		Technical data[1])			
	[mm]	Width	Length	Height	
		6.2	57.8	49.1 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	500	0.14 - 6	26-10
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	16 / -	16 / -	- / -

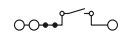
Description	Color	Ordering data			
		Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-MTL**	[1]	3046144	50
Red actuation lever	gray	**UT 4-MTL KNIFE-RD**	[1]	3046152	50
White actuation lever	gray	**UT 4-MTL KNIFE-WH**	[1]	3046148	50

Ordering data			
Type		Order No.	Pcs./Pkt.
UT 4-MTL-P/P	[1]	3046146	50
UT 4-MTL-P/P KNIFE-RD	[1]	3046154	50
UT 4-MTL-P/P KNIFE-WH	[1]	3046150	50

Knife disconnect terminal blocks

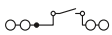
Notes:

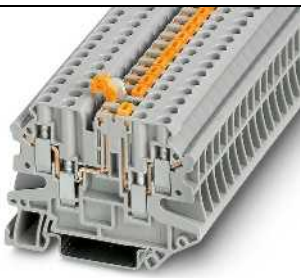
[1]) For additional accessories and technical data, see page 228.





20 A, knife disconnect terminal block, 3 connections





20 A, knife disconnect terminal block, 4 connections

Dimensions		Technical data[1])			
	[mm]	Width	Length	Height	
		6.2	65.4	49.1 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	500	0.14 - 6	26-10
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	16 / -	- / -

Dimensions		Technical data[1])			
	[mm]	Width	Length	Height	
		6.2	65.4	49.1 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	500	0.14 - 6	26-10
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	16 / -	- / -

Description	Color	Ordering data			
		Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-TWIN-MT**	[1]	3046003	50
	blue	**UT 4-TWIN-MT BU**	[1]	3073018	50
With test socket screws	gray	**UT 4-TWIN-MT P/P**	[1]	3064014	50
	blue	**UT 4-TWIN-MT P/P BU**	[1]	3073021	50

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-UT 2,5/4-QUATTRO**	3047170	50

Ordering data			
Type		Order No.	Pcs./Pkt.
UT 4-QUATTRO-MT	[1]	3064043	50
UT 4-QUATTRO-MT BU	[1]	3073050	50
UT 4-QUATTRO-MT P/P	[1]	3064056	50
UT 4-QUATTRO-MT P/P BU	[1]	3073063	50

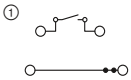
Accessories[1])		
D-UT 2,5/4-QUATTRO	3047170	50

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 228.

[2]) Lower level.

① 

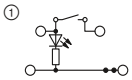


38 A, double-level terminal block with knife disconnect zone

Technical data[1])			
Dimensions			
	[mm]		
Width	Length	Height	
6.2	**69.9**	**65 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
38[2])	**500**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	36 (FBS) / 24 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	30 / 4	16 / -	5 / -	- / -
Nominal current / cross section	[A] / [mm²]	20 / 2.5 (disconnect level)			

Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	**UTTB 4-MT** ①	3044775	50
With test socket screws	gray	**UTTB 4-MT P/P** ①	3044762	50
for 12 – 30 V DC, 0.7 – 2.4 mA	gray			

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-UTTB 2,5/4**	3047293	50

① 



38 A, double-level terminal block with knife disconnect zone, with LED display

Technical data[1])			
Width	Length	Height	
6.2	**69.9**	**65 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
38[2])	**24**	**0.14 - 6**	**26-10**
36 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
24	600	24	-
30 / 4	16 / -	30 / -	- / -
20 / 2.5 (disconnect level)			

Ordering data			
Type	Order No.	Pcs./Pkt.
UTTB 4-MT P/P LA 24 RD/O-U ①	3046773	50

Accessories[1])			
D-UTTB 2,5/4	3047293	50

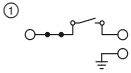
Knife disconnect terminal blocks

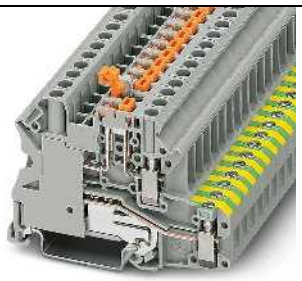
Notes:

[1]) For additional accessories and technical data, see page 228.

[2]) Lower level.

For additional technical data, drawings, and accessories, please visit phoenixcontact.net/products.

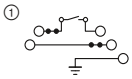
① 

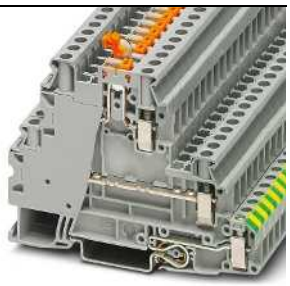


20 A, knife disconnect terminal block with PE foot

Technical data[1])			
Dimensions			
	[mm]		
Width	Length	Height	
6.2	**70.8**	**49.1 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	-	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	- / -	16 / -	- / -
Nominal current / cross section	[A] / [mm²]	-			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
2 conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	-

Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.
Knife disconnect terminal block	gray	**UT 4-PE/MT** ①	3070011	50
With test socket screws	gray	**UT 4-PE/MT P/P** ①	3046140	50

① 



36 A, multi-level terminal block with knife disconnect zone, PE foot

Technical data[1])			
Width	Length	Height	
6.2	**92.7**	**61.7 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
36[2])	**500**	**0.14 - 6**	**26-10**
28 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	300	-	-
28 / 4	16 / -	- / -	- / -
20 / 2.5 (disconnect level)			
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-

Ordering data			
Type	Order No.	Pcs./Pkt.
UT 4-PE/L/MT ①	3214364	50

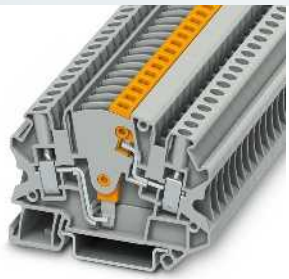
4 mm² UT screw connection terminal blocks

Measuring transducer disconnect terminal blocks

Notes:

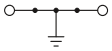
[1]) For additional accessories and technical data, see page 228.

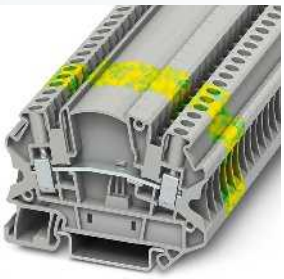
①



28 A, measuring transducer disconnect terminal block

①

② 



32 A, feed-through terminal block and ground terminal, same shape

Technical data[1])			
Dimensions			
Width	Length	Height	
6.2	**66**	**47.7 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
28	**500**	**0.14 - 6**	**26-10**
Maximum bridge current [A]	28 (FBS) / 28 (FBSR)		
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	28 / 4	25 / -	25 / -	- / -

Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.
Meas. trans. disconnect terminal block	gray	**UTME 4** ①	3047452	50
With test socket screws	gray	**UTME 4-P/P** ①	3047453	50
	blue	**UTME 4-P/P BU** ①	3047454	50
Ground terminal	green-yellow			

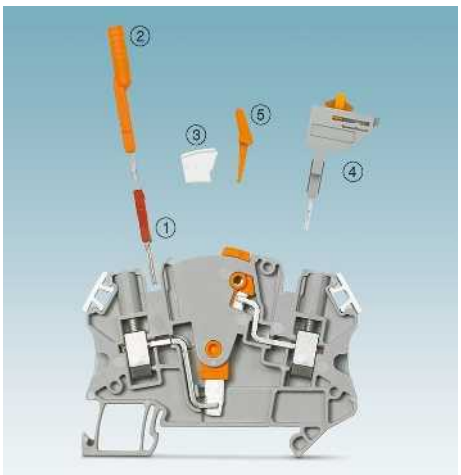
Accessories[1])			
Cover, width: 2.2 mm	gray	**D-UTME 4**	3047491	10

Technical data[1])			
Dimensions			
Width	Length	Height	
6.2	**66**	**47.7 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**500**	**0.14 - 6**	**26-10**
32 (FBS) / 24 (FBSR)			
Rated data			
IEC	UL / CUL	CSA	Ex
500	600	600	-
32 / 4	25 / -	25 / -	- / -

Ordering data			
Type		Order No.	Pcs./Pkt.
UTMED 4 ①		3047465	50
UTMED 4-PE ②		3047478	50

Accessories[1])			
D-UTME 4		3047491	10

Supplementary accessories for UTME 4 measuring transducer disconnect terminal blocks



– Only two UTME 4 measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit
– Less space required compared to creating circuits with slide-type terminal blocks

① FBS... plug-in bridge for cross connection
② 4 mm Ø PAI-4-FIX... test plug adapter
③ S-ME 4 switching lock
④ SB-ME... bridge bar
⑤ C−ME 4/2 operating lever

Description	No. of pos.	Color
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange
	1	yellow
	1	green
	1	violet
	1	black
	1	blue
	1	red
	1	gray
	1	brown
Switching lock, plug-in		white
Bridge bar, plug-in	2	gray/orange
	3	gray/orange
	4	gray/orange
Operating lever, for actuating 2 meas. trans. disc. terminal blocks	2	orange
	3	orange

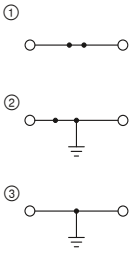
Ordering data		
Type	Order No.	Pcs./Pkt.
PAI-4-FIX-5/6 OG	3035974	10
PAI-4-FIX-5/6 YE	3035977	10
PAI-4-FIX-5/6 GN	3035978	10
PAI-4-FIX-5/6 VT	3035979	10
PAI-4-FIX-5/6 BK	3035980	10
PAI-4-FIX-5/6 BU	3035975	10
PAI-4-FIX-5/6 RD	3035976	10
PAI-4-FIX-5/6 GY	3035982	10
PAI-4-FIX-5/6 BN	3035981	10
S-ME 4	3035758	10
SB-ME 2-6	3035755	10
SB-ME 3-6	3035756	10
SB-ME 4-6	3035757	10
C-ME 4/2	3035759	10
C-ME 4/3	3035760	10

Diode terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 228.

For information on installation and using accessories for Ex applications, see page 644.

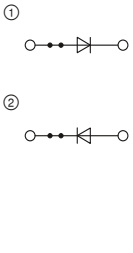




41 A, feed-through terminal block and ground terminal, same shape

Ex: EAC Ex

KEMA 04ATEX2048 U / IECEx KEM 06.0027U





0.5 A, diode terminal block, 1N 4007 (1300 V/0.5 A)

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	57.8	47.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		41	800	0.14 - 6 / 26-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / 690
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / - / 29 / 4

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-MTD**	①	3046184	50
	blue	**UT 4-MTD BU**	①	3046197	50
Ground terminal, with snap-on foot	green-yellow	**UT 4-MTD-PE**	②	3046223	50
With screw foot	green-yellow	**UT 4-MTD-PE/S**	③	3046207	50
Terminal block, for conducting direction see circuit diagram	gray				
	gray				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5/4-TWIN**	3047141	50

Technical data[1])

		Width	Length	Height
		6.2	57.8	47.5 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		0.5	800	0.14 - 6 / 26-10
		32 (FBS) / 24 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		800	600	600 / -
		0.5 / 1	0.5 / -	1 / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
UT 4-MTD-DIO/L-R	①	3046210	50
UT 4-MTD-DIO/R-L	②	3046236	50

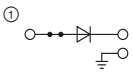
Accessories[1])

D-UT 2,5/4-TWIN	3047141	50

Diode terminal blocks

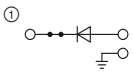
Notes:

[1]) For additional accessories and technical data, see page 228.





0.5 A, diode terminal block, 1N 4007 (1300 V/ 0.5 A), conducting direction: from left to right





0.5 A, diode terminal block, 1N 4007 (1300 V/ 0.5 A), conducting direction: from right to left

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2	70.8	47.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		0.5	500	0.14 - 6 / 26-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	0.5 / 1	0.5 / -	0.5 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for conducting direction see circuit diagram	gray	**UT 4-PE/L-DIO/L-R P/P**	①	3046834	50

Technical data[1])

		Width	Length	Height
		6.2	70.8	47.5 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		0.5	500	0.14 - 6 / 26-10
		32 (FBS) / 24 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		500	600	600 / -
		0.5 / 1	0.5 / -	0.5 / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
UT 4-PE/L-DIO/R-L P/P	①	3046235	50

Installation terminal blocks





32 A, neutral disconnect terminal block

Notes:

[1]) For additional accessories and technical data, see page 228.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**6.2**	**55**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**250**	**0.14 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	250	-	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	- / -	- / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 6	0.14 - 6	0.25 - 4	0.25 - 4

Ordering data

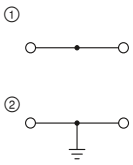
Description	Color	Type		Order No.	Pcs./Pkt.
Neutral disconnect terminal block	blue	**UTN 4**	1	3245024	50

Accessories[1])

Cover, width: 2.2 mm	blue	**D-UTN 2,5/10**	3245079	50
Support bracket	blue	**AB-UTN 2,5/10**	3245082	50

Mini feed-through terminal blocks and ground terminals

Notes:
[1]) For additional accessories and technical data, see page 228.
For information on installation and using accessories for Ex applications, see page 644.





41 A, feed-through terminal block and ground terminal

Ex: EAC Ex
SEV13ATEX0178U / IECEx SEV13.0012U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**6.2**	**29.9**	**34 (NS 15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41	**500**	**0.2 - 6**	**24-10**
Maximum bridge current	[A]	28 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	600	352
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / -	27.5 / 6
Cross section range	AWG	24 - 10	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**MUT 4**	①	3248035	50
	blue	**MUT 4 BU**	①	3248036	50
Ground terminal	green-yellow	**MUT 4-PE**	②	3248037	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-MUT 2,5/4**	3248033	50

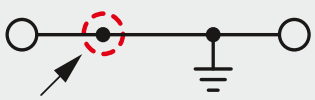
6 mm² UT screw connection terminal blocks

General technical data for 6 mm² UT screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2 / IEC 60947-7-3			
Rated cross section	[mm²]	6			
Cross section range	AWG	24 - 8			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 4
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



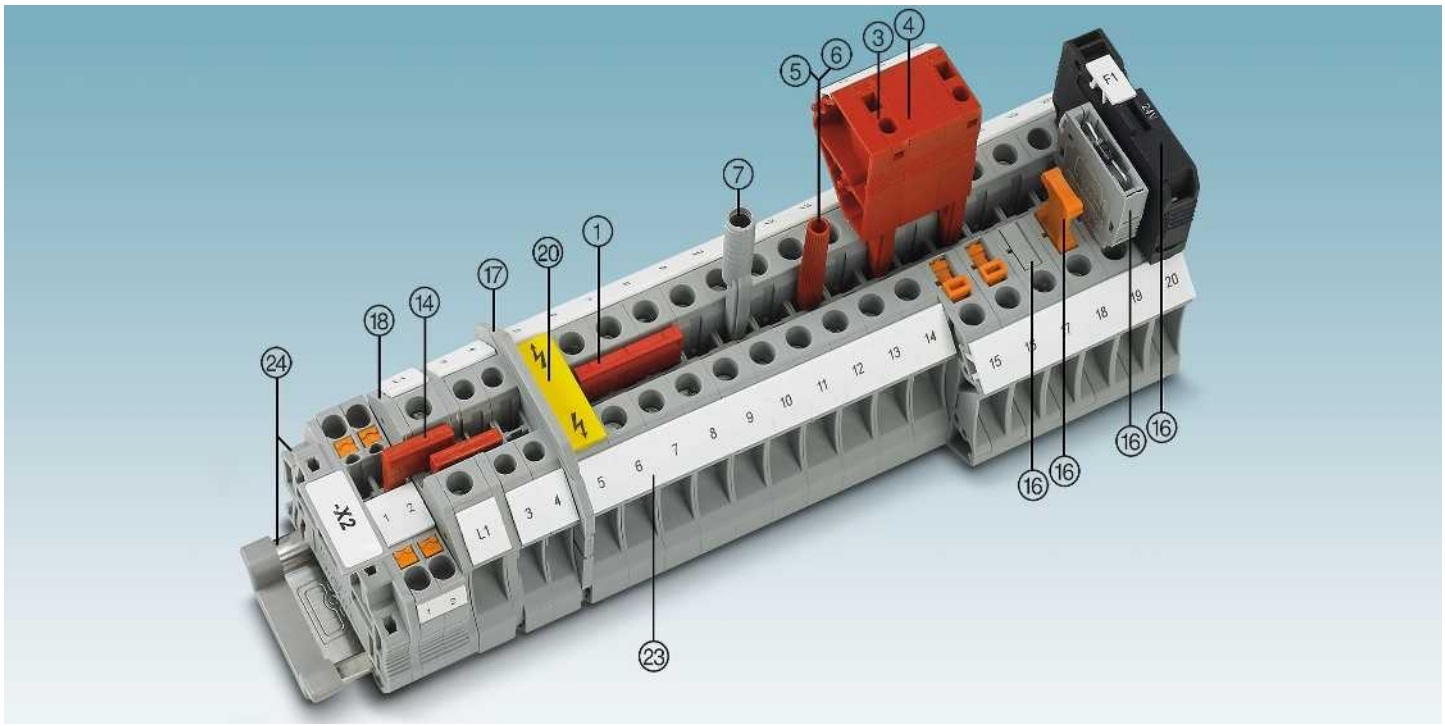
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 6 mm² UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-8**	3030284	10	**FBSR 2-8**	3033808	10
	3	red	**FBS 3-8**	3030297	10	**FBSR 3-8**	3001597	10
	4	red	**FBS 4-8**	3030307	10	**FBSR 4-8**	3000585	10
	5	red	**FBS 5-8**	3030310	10	**FBSR 5-8**	3033809	10
	10	red	**FBS 10-8**	3030323	10	**FBSR 10-8**	3001599	10
	16	red				**FBSR 16-8**	3033816	10
③ **Modular test plug**		red	**PS-8**	3031005	10			
④ **Spacer plate**		red	**DP PS-8**	3036741	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
Screwdriver			**SZS 1,0X4,0 VDE**	1205066	10			

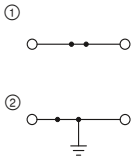
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 242.

For information on installation and using accessories for Ex applications, see page 644.





57 A, feed-through terminal block and ground terminal

Ex: EAC Ex

KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data[1])

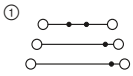
Dimensions				
	[mm]	Width	Length	Height
		8.2	47.7	47.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		57	1000	0.2 - 10 / 24-8
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 690
Nominal current / cross section	[A] / [mm²]	41 / 6	50 / -	50 / - / 40 / 6

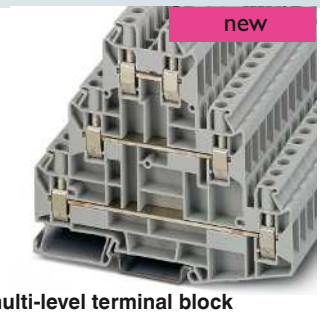
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 6**	①	3044131	50
	blue	**UT 6 BU**	①	3044144	50
Ground terminal	green-yellow	**UT 6-PE**	②	3044157	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5/10**	3047028	50





new

50 A, multi-level terminal block

Technical data[1])

		Width	Length	Height
		8.2	110	98.8 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		50	1000	0.2 - 10 / 24-8
		36 (FBS)		
		IEC	UL / CUL	CSA / Ex
		1000	600	600 / -
		36 / 6	40 / -	40 / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
UT 6-3L	①	3046703	50

Accessories[1])

D-UT 6-3L	3046707	50

Fuse terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 242.

[2]) If the fuse is faulty, the downstream circuit is not off load.

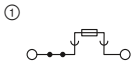
[3]) For max. power dissipation, see page 658.

[4]) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.

[5]) The current is determined by the fuse used, the voltage by the light indicator.

As disconnect terminal block 500 V.

For lever marking, please use marking material with 6.2 mm pitch.





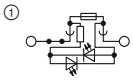
10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	57.8	73 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		10[3])	630[5])	0.2 - 10 / 24-8
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	630[5])	600	600 / -
Nominal current / cross section	[A] / [mm²]	10[5]) / 1.5	10 / -	10 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	black	**UT 6-HESI (6,3X32)**	①	3046401	50
With LED for 12–30 V AC/DC, 0.31–0.95 mA²)	black				
for 30–60 V AC/DC, 0.40–0.86 mA²)	black				
110 – 250 V AC/DC, 0.41 – 0.96 mA²)	black				





10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses, with LED display

Technical data[1])

		Width	Length	Height
		8.2	57.8	73 (NS 35/7,5)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		10[3])	24[4])	0.2 - 10 / 24-8
		41 (FBS) / 32 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		24[4])	600	600 / -
		10[5]) / 1.5	10 / -	10 / - / - / -

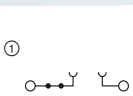
Ordering data

Type		Order No.	Pcs./Pkt.
UT 6-HESILED 24 (6,3X32)	①	3046414	50
UT 6-HESILED 60 (6,3X32)	①	3046427	50
UT 6-HESILA 250 (6,3X32)	①	3046430	50

6 mm² UT screw connection terminal blocks

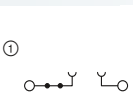
Disconnect terminal blocks

Notes:
[1]) For additional accessories and technical data, see page 242.
[2]) If the fuse is faulty, the downstream circuit is not off load.
[3]) Current and voltage are determined by the connector used.
Detailed information and data sheets regarding terminal blocks in the Ex area are available in the product area on our website at www.phoenixcontact.net/products and in IECEx Certificate of Conformity IECEx UL 13.0007U and in UL file E192998.
Only the fuse plugs listed may be used.
For information on installation and using accessories for Ex applications, see page 644.





20 A, disconnect terminal block





20 A, disconnect terminal block for Ex nA

Ex: DEMKO14ATEX1353U / IECEx UL 13.0007U

Technical data[1])				
Dimensions				
	Width	Length	Height	
	[mm]	**8.2**	**57.8**	**47.5 (NS 35/7,5)**
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20[3])	**500[3])**	**0.2 - 10**	**24-8**
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)		
Rated data				
	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500[3])	600	600	-
Nominal current / cross section	[A] / [mm²]	20[3]) / 2.5	20 / -	16 / -	- / -

Technical data[1])				
	Width	Length	Height	
	8.2	**57.8**	**47.5 (NS 35/7,5)**	
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20[3])	**500[3])**	**0.2 - 10**	**-**
	20 (FBS) / 20 (FBSR)			
	IEC	UL / CUL	CSA	Ex
	500[3])	-	-	250
	20[3]) / 2.5	- / -	- / -	6.3 / 6

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**UT 6-TG** ①	3046485	50
	blue	**UT 6-TG BU** ①	3073856	50
With test socket screws	gray	**UT 6-TG P/P** ①	3073869	50
	blue	**UT 6-TG P/P BU** ①	3073872	50

Ordering data			
Type		Order No.	Pcs./Pkt.
UT 6-TG-EX ①		3046486	50
UT 6-TG P/P-EX ①		3073870	50

Accessories[1])			
Fuse plug, width 8.2 mm²)	black		
With LED for 12-30 V DC, 0.35-0.95 mA	black		
for 30–60 V AC/DC, 0.36–0.95 mA	black		
for 110–250 V AC/DC, 0.4–0.95 mA	black		

Accessories[1])		
P-FU 6,3X32-EX	3046499	10
P-FU 6,3X32 LED 24-EX	3046509	10
P-FU 6,3X32 LED 60-EX	3046512	10
P-FU 6,3X32 LA 250-EX	3046525	10

Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 242.

① 



20 A, knife disconnect terminal block

Technical data[1])			
Dimensions			
Width	Length	Height	
8.2	**57.8**	**49.1 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.2 - 10**	**24-8**
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	20 / -	16 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**UT 6-MT** ①	3064069	50
	blue	**UT 6-MT BU** ①	3073267	50
With test socket screws	gray	**UT 6-MT P/P** ①	3064072	50
	blue	**UT 6-MT P/P BU** ①	3073270	50

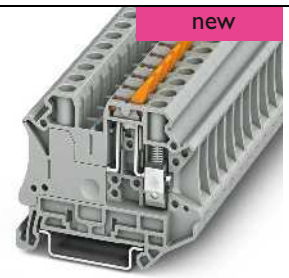
Knife disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 242.

① 

new



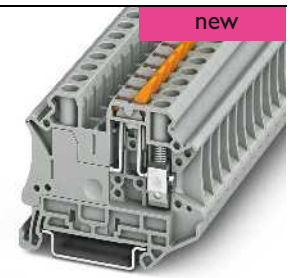
20 A, knife disconnect terminal block, with actuation lever

Technical data[1])			
Dimensions			
Width	Length	Height	
8.2	**57.8**	**49.1 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.2 - 10**	**24-8**
Maximum bridge current	[A]	20 (FBS) / 20 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 2.5	16 / -	16 / -	- / -

Ordering data				
Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**UT 6-MTL** ①	3046145	50
Red actuation lever	gray	**UT 6-MTL KNIFE-RD** ①	3046153	50
White actuation lever	gray	**UT 6-MTL KNIFE-WH** ①	3046149	50

① 

new



20 A, knife disconnect terminal block, with actuation lever, test socket screws

Technical data[1])			
Dimensions			
Width	Length	Height	
8.2	**57.8**	**49.1 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**500**	**0.2 - 10**	**24-8**
20 (FBS) / 20 (FBSR)			
Rated data			
IEC	UL / CUL	CSA	Ex
500	600	600	-
20 / 2.5	20 / -	16 / -	- / -

Ordering data			
Type	Order No.	Pcs./Pkt.	
UT 6-MTL P/P ①	3046147	50	
UT 6-MTL-P/P KNIFE-RD ①	3046155	50	
UT 6-MTL P/P KNIFE-WH ①	3046151	50	

6 mm² UT screw connection terminal blocks

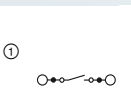
Measuring transducer disconnect terminal blocks

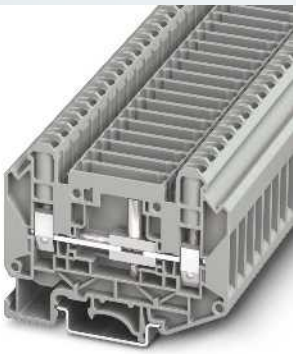
Notes:

For further plug-in bridges, see page 396.

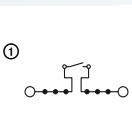
For further test sockets, see page 565.

For corresponding AP-ME and AH-ME terminal strip covers, see Catalog 3.





57 A, 1000 V, measuring transducer disconnect terminal block, 2 plug-in bridge shafts





50 A, measuring transducer disconnect terminal block, 4 plug-in bridge shafts, 2 screw bridge shafts

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**8.2**	**72.6**	**54.3**	
Dimensions	Width	Length	Height NS 32	
[mm]	**8.2**	**72.6**	**59.3**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	57	**1000**	**0.2 - 10**	**-**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	1000	-	-	-
Nominal current / cross section [A] / [mm²]	41 / 6	-	-	-
General data				
Stripping length [mm]	12			
Tightening torque [Nm]	1.2 - 1.4			

Technical data

Width	Length	Height NS 35/7,5		
8.2	**105.2**	**53**		
Width	Length	Height NS 32		
8.2	**105.2**	**58**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
50	**1000**	**0.2 - 10**	**20-8**	
IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7	
1000	600	-	-	
41 / 6	50	-	-	
12				
1.5 - 1.8				

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		gray	**UT 6-T-HV**	①	3070134	50
With test socket screws		gray	**UT 6-T-HV P/P**	①	3070121	50
Feed-through terminal block		gray				
Cover, width: 2.2 mm		gray	**D-UT 6-T-HV**		3070147	50
Plug-in bridge						
	2	red	**FBS 2-8**	41 A	3030284	10
	3	red	**FBS 3-8**	41 A	3030297	10
	4	red	**FBS 4-8**	41 A	3030307	10
	5	red	**FBS 5-8**	41 A	3030310	10
	10	red	**FBS 10-8**	41 A	3030323	10
Pre-assembled bridge, printed						
3-pos., positions 1, 3	3	red	**FBS 1/3-8**	24 A	3032363	10
4-pos., positions 1, 4	4	red	**FBS 1/4-8**	24 A	3032376	10
5-pos., positions 1, 5	5	red	**FBS 1/5-8**	24 A	3032381	10
5-pos., positions 1, 3, 5	5	red	**FBS 1/3/5-8**	24 A	3032389	10
10-pos., positions 1, 4, 7, 10	10	red	**FBS 1/4/7/10-8**	24 A	3032402	10
Fixed bridge, 10-pos.						
	10	silver				
Isolator bridge bar						
	10	silver				
Bridge bar						
	2	orange				
	3	orange				
	4	orange				
Bridge bar, plug-in						
	2	gray/orange	**SB-MER 2-8**	30 A	3000587	10
	3	gray/orange	**SB-MER 3-8**	30 A	3000588	10
	4	gray/orange	**SB-MER 4-8**	30 A	3000589	10
Disconnect plate, 1 mm width		gray				
Test socket		silver				
Test adapter, plug-in		yellow	**PAI-4-FIX YE**		3032745	10
		green	**PAI-4-FIX GN**		3032758	10
		violet	**PAI-4-FIX VT**		3032761	10
		black	**PAI-4-FIX BK**		3032774	10
		blue	**PAI-4-FIX BU**		3032729	10
		violet	**PAI-4-FIX VT**		3032761	10
		black	**PAI-4-FIX BK**		3032774	10
		brown	**PAI-4-FIX BN**		3032787	10
		gray	**PAI-4-FIX GY**		3032790	10
Test adapter, screw-in		yellow				
		green				
		violet				
		black				

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UT 6-T/SP	①	3072815	50
UTD 6/SP	②	3072817	50
D-UT 6-T/SP		3072816	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 4-8	41 A	3030307	10
FBS 5-8	41 A	3030310	10
FBS 10-8	41 A	3030323	10
FBS 1/3-8	24 A	3032363	10
FBS 1/4-8	24 A	3032376	10
FBS 1/5-8	24 A	3032381	10
FBS 1/3/5-8	24 A	3032389	10
FBS 1/4/7/10-8	24 A	3032402	10
SCBI 10-8,15		3245134	10
SCBI 10-8,15 ISO		3000417	10
SB 6-T 2-8	32 A	3075842	10
SB 6-T 3-8	32 A	3075843	10
SB 6-T 4-8	32 A	3075844	10
SB-MER 2-8	25 A	3000587	10
SB-MER 3-8	25 A	3000588	10
SB-MER 4-8	25 A	3000589	10
TS-UK 6-T		3072820	10
TPS 3/20/5		3246586	10
PAI-4-FIX YE		3032745	10
PAI-4-FIX GN		3032758	10
PAI-4-FIX VT		3032761	10
PAI-4-FIX BK		3032774	10
PAI-4-FIX BU		3032729	10
PAI-4-FIX VT		3032761	10
PAI-4-FIX BK		3032774	10
PAI-4-FIX BN		3032787	10
PAI-4-FIX GY		3032790	10
PSBJ 6-T YE		3070326	10
PSBJ 6-T GN		3070327	10
PSBJ 6-T VT		3070328	10
PSBJ 6-T BK		3070318	10

Measuring transducer disconnect terminal blocks

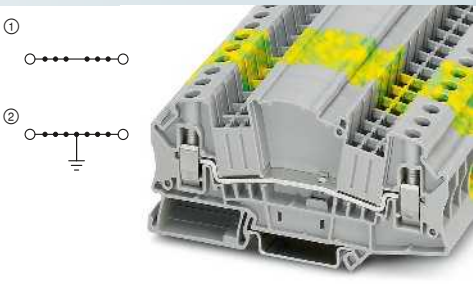
Notes:

[1]) For additional accessories and technical data, see page 242.

For corresponding terminal strip covers, see Catalog 3.



30 A, measuring transducer disconnect terminal block



41 A, feed-through terminal block and ground terminal, same shape

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	100.8	49.6 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30	500	0.2 - 10 / 24-8
Maximum bridge current	[A]	30 (FBS) / 30 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	30 / 6	30 / -	30 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Measuring transducer disconnect terminal block	gray	**UTME 6**	①	3047400	50
Ground terminal	green-yellow				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UTME 6**	3047426	10

Technical data[1])

Width	Length	Height	
8.2	100.8	49.6 (NS 35/7,5)	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41	500	0.2 - 10	24-8
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
41 / 6	30 / -	30 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
UTMED 6	①	3047413	50
UTMED 6-PE	②	3047442	50

Accessories[1])

D-UTME 6	3047426	10

Supplementary accessories for UTME 6 measuring transducer disconnect terminal blocks



– Only two UTME 6 measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit
– Less space required compared to creating circuits with slide-type terminal blocks

① FBS... plug-in bridge for cross connection
② 4 mm Ø PAI-4-FIX... test plug adapter
③ S-ME 6 switching lock
④ SB-ME... bridge bar
⑤ C−ME 6/2 operating lever

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test connector, snapped into bridge shaft	1	orange	**PAI-4-FIX OG**	3034455	10
	1	yellow	**PAI-4-FIX YE**	3032745	10
	1	green	**PAI-4-FIX GN**	3032758	10
	1	violet	**PAI-4-FIX VT**	3032761	10
	1	black	**PAI-4-FIX BK**	3032774	10
	1	blue	**PAI-4-FIX BU**	3032729	10
	1	red	**PAI-4-FIX RD**	3032732	10
	1	gray	**PAI-4-FIX GY**	3032790	10
	1	brown	**PAI-4-FIX BN**	3032787	10
Switching lock, plug-in		white	**S-ME 6**	3034439	10
Bridge bar, plug-in	2	gray/orange	**SB-ME 2-8**	3034468	10
	3	gray/orange	**SB-ME 3-8**	3032800	10
	4	gray/orange	**SB-ME 4-8**	3034484	10
Operating lever, for actuating meas. trans. disc. terminal blocks	1	orange	**C-ME 6/1**	3034441	10
	2	orange	**C-ME 6/2**	3034442	10
	3	orange	**C-ME 6/3**	3034390	50

Installation terminal blocks





41 A, neutral disconnect terminal block

Notes:

[1]) For additional accessories and technical data, see page 242.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		8.2	**55**	**47.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		41	**400**	**0.2 - 10** / **-**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	-	- / -
Nominal current / cross section	[A] / [mm²]	41 / 6	- / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	blue	**UTN 6**	1	3245037	50

Accessories[1])

Cover, width: 2.2 mm	blue	**D-UTN 2,5/10**	3245079	50
Support bracket	blue	**AB-UTN 2,5/10**	3245082	50

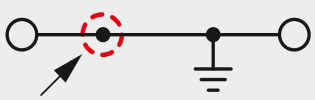
10 mm² UT screw connection terminal blocks

General technical data for 10 mm² UT screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	10			
Cross section range	AWG	20 - 6			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 6
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



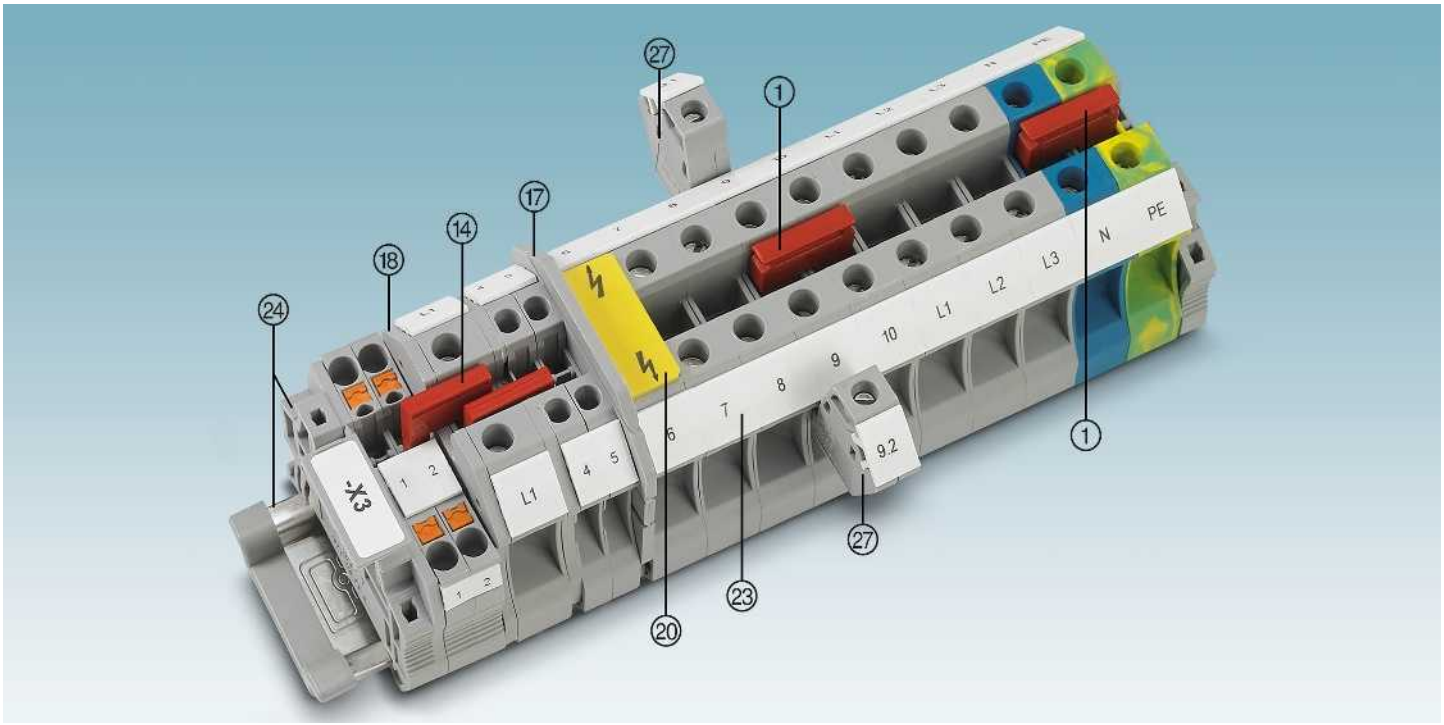
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 10 mm² UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**¹)	2	red	**FBS 2-10**	3005947	10			
	5	red	**FBS 5-10**	3005948	10			
㉗ **Tap-off terminal block**		gray	**AGK 4-UT 10**	3047112	50			
Screwdriver			**SZS 1,0X4,0 VDE**	1205066	10			

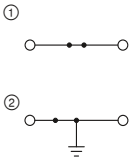
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 250.

For information on installation and using accessories for Ex applications, see page 644.

① ② 



76 A, feed-through terminal block and ground terminal

Ex: KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		10.2	**47.7**	**47.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		76	**1000**	**0.5 - 16** / **20-6**
Maximum bridge current	[A]	57		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 690
Nominal current / cross section	[A] / [mm²]	57 / 10	65 / -	65 / - / 54 / 10

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 10**	①	3044160	50
	blue	**UT 10 BU**	①	3044188	50
Ground terminal	green-yellow	**UT 10-PE**	②	3044173	50
With screw foot	green-yellow	**UT 10-PE/S**	②	3215054	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5/10**	3047028	50

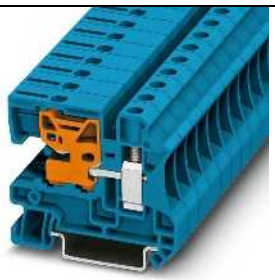
Installation terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 250.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products

①



57 A, neutral disconnect terminal block

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		10.2	**55**	**47.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		57	**400**	**0.5 - 16** / **-**
Maximum bridge current	[A]	57		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	-	- / -
Nominal current / cross section	[A] / [mm²]	57 / 10	- / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	blue	**UTN 10**	①	3245040	50

Accessories[1])

Cover, width: 2.2 mm	blue	**D-UTN 2,5/10**	3245079	50
Support bracket	blue	**AB-UTN 2,5/10**	3245082	50

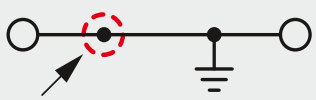
16 mm² UT screw connection terminal blocks

General technical data for 16 mm² UT screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	16			
Cross section range	AWG	16 - 4			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 25	1.5 - 25	1 - 16	1 - 16
2 conductors (of the same type)	[mm²]	1 - 6	1 - 6	1 - 6	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.75 - 10
General data					
Stripping length	[mm]	14			
Screw thread		M5			
Tightening torque	[Nm]	2.5 - 3			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



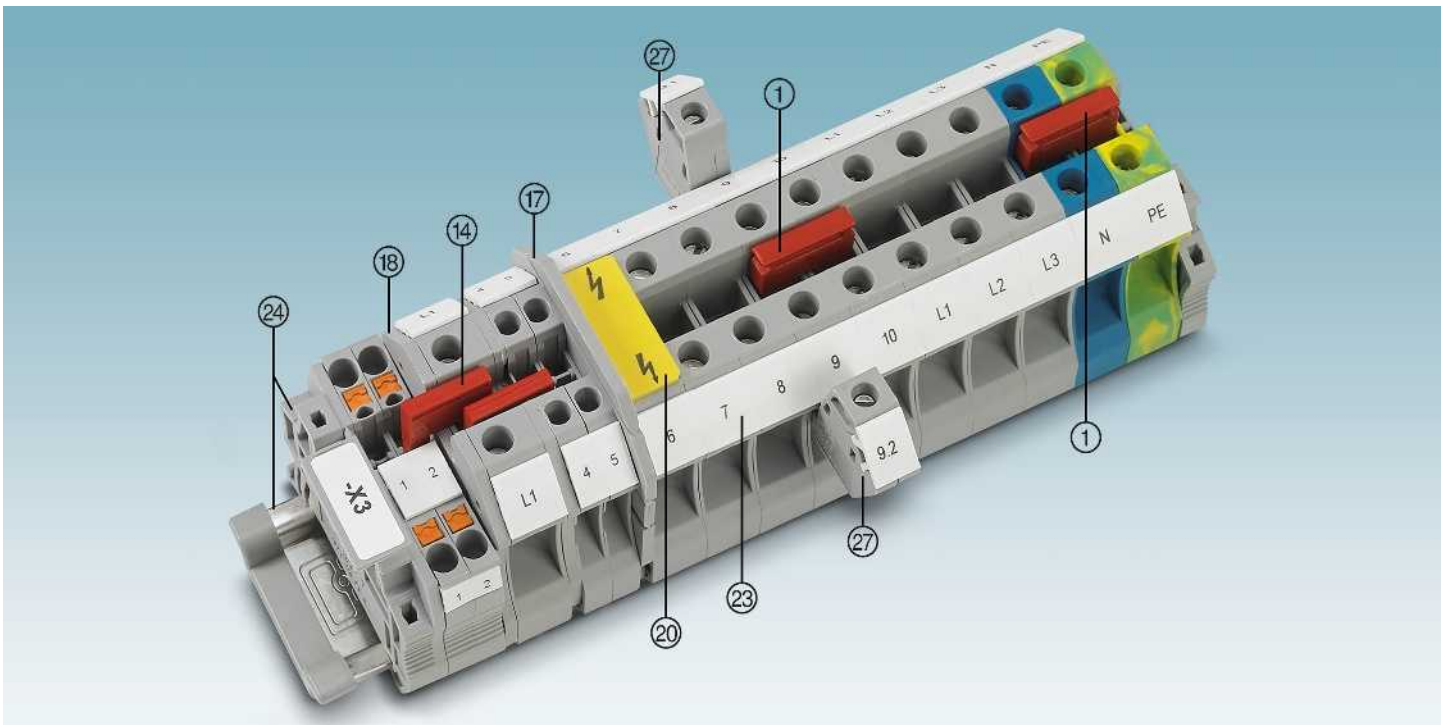
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 16 mm² UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-12**	3005950	10			
㉗ **Tap-off terminal block**		gray	**AGK 4-UT 16**	3047125	50			
Screwdriver			**SZS 1,0X6,5 VDE**	1205079	10			

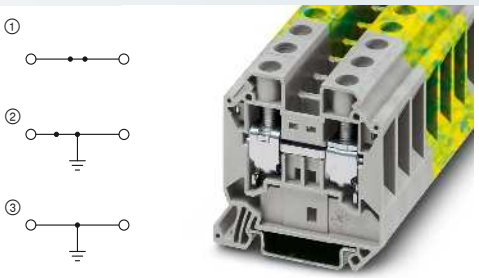
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 252.

For information on installation and using accessories for Ex applications, see page 644.



101 A, feed-through terminal block and ground terminal

Ex: EAC Ex

KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		12.2	**55.5**	**55 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		101	**1000**	**1.5 - 25** / **16-4**
Maximum bridge current	[A]	76		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 690
Nominal current / cross section	[A] / [mm²]	76 / 16	85 / -	85 / - / 73.5 / 16

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 16**	①	3044199	50
	blue	**UT 16 BU**	①	3044209	50
Ground terminal	green-yellow	**UT 16-PE**	②	3044212	50
With screw foot	green-yellow	**UT 16-PE/S**	③	3215915	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 16**	3047206	50

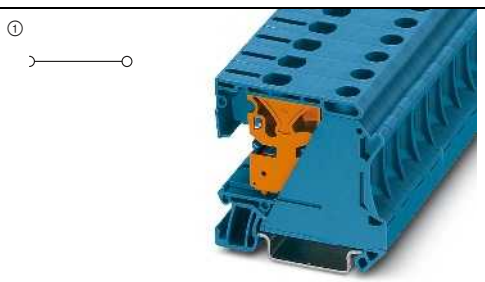
Installation terminal blocks

Notes:

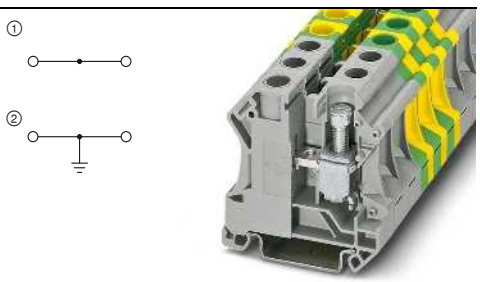
[1]) For additional accessories and technical data, see page 252.

Only the FBI 10-12 bridge (Order No. 0203454) can be used for UTI 16.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products



76 A, neutral disconnect terminal block



76 A, feed-through terminal block and ground terminal

EAC

Technical data[1])

Dimensions					
	[mm]	Width	Length	Height	
		12.2	**55**	**50.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		76	**400**	**6 - 25**	**-**
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	76 / 16	- / -	- / -	- / -
Cross section range	AWG	10 - 4	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	6 - 25	6 - 16	6 - 16	6 - 16
2 conductors (of the same type)	[mm²]	2.5 - 10	2.5 - 6	4 - 6	-
General data					
Stripping length	[mm]	12			
Flammability rating according to UL 94		V2			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray				
	blue	**UTN 16**	①	3245053	50
Ground terminal	green-yellow				

EAC

Technical data[1])

Width	Length	Height	
12.2	**51**	**50.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
76	**400**	**6 - 25**	**-**
101			
IEC	UL / CUL	CSA	Ex
400	-	-	-
76 / 16	- / -	- / -	- / -
10 - 4	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
6 - 25	6 - 16	6 - 16	6 - 16
2.5 - 10	2.5 - 6	4 - 6	-
12			
V2			

Ordering data

Type		Order No.	Pcs./Pkt.
UTI 16	①	3073827	50
UTI 16 BU	①	3075728	50
UTI 16-PE	②	3073830	50

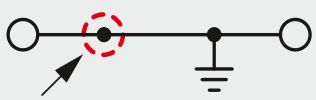
35 mm² UT screw connection terminal blocks

General technical data for 35 mm² UT screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	35			
Cross section range	AWG	16 - 1/0			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35
2 conductors (of the same type)	[mm²]	1.5 - 16	1.5 - 10	1.5 - 10	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 16
General data					
Stripping length	[mm]	18			
Screw thread		M6			
Tightening torque	[Nm]	3.2 - 3.7			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



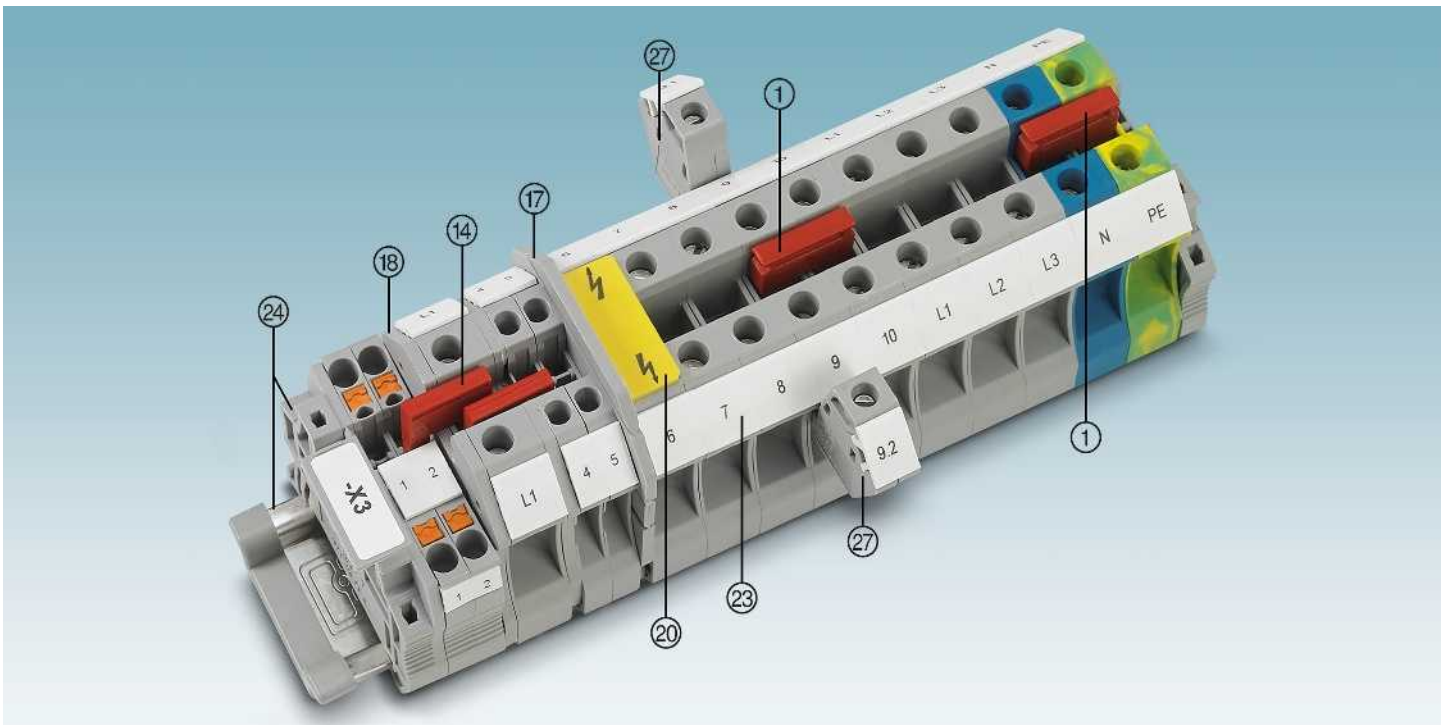
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 35 mm² UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-16**	3005963	10			
㉗ **Tap-off terminal block**		gray	**AGK 4-UT 35**	3047138	50			
Screwdriver			**SZS 1,0X6,5 VDE**	1205079	10			

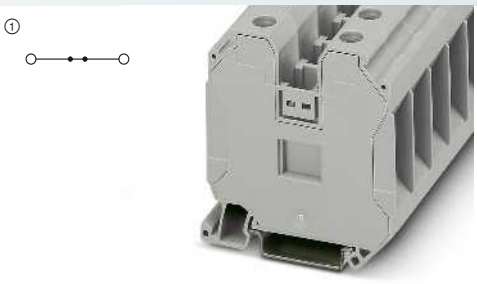
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through terminal blocks and ground terminals

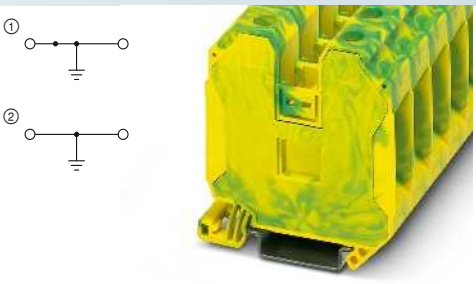
Notes:

[1]) For additional accessories and technical data, see page 254.

For information on installation and using accessories for Ex applications, see page 644.



150 A, feed-through terminal block



125 A, ground terminal

Ex: EAC Ex

KEMA 04ATEX2048 U / IECEx KEM 06.0027U

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**16**	**60.2**	**65.7 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		150	**1000**	**1.5 - 50**	**14-14**
Maximum bridge current	[A]	101			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	1000	690
Nominal current / cross section	[A] / [mm²]	125 / 35	150 / -	150 / -	126 / 35
Cross section range	AWG	16 - 1/0	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 50	1.5 - 50	1.5 - 35	1.5 - 35

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 35**	①	3044225	50
	blue	**UT 35 BU**	①	3044238	50
Ground terminal	green-yellow				
With screw foot	green-yellow				

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**16**	**60.2**	**65.7 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)
		125		**1.5 - 35**	**14-2**
Maximum bridge current	[A]	101			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	-	-	-	-
Nominal current / cross section	[A] / [mm²]	125 / 35	- / -	- / -	- / 35
Cross section range	AWG	16 - 2	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 35	1.5 - 35	1.5 - 35	1.5 - 35

Ordering data

Type		Order No.	Pcs./Pkt.
UT 35-PE	①	3044241	50
UT 35-PE/S	②	3215928	50

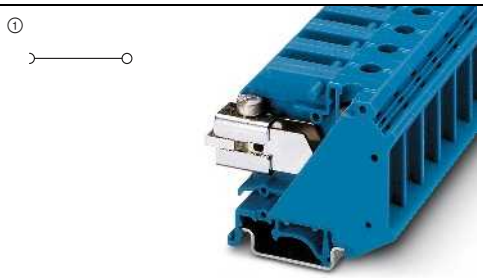
Installation terminal blocks

Notes:

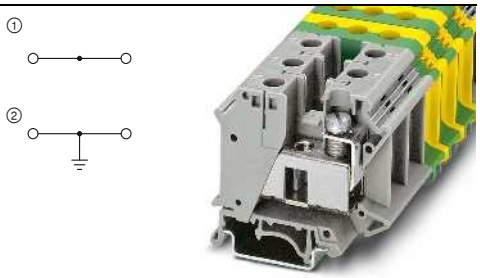
[1]) For additional accessories and technical data, see page 254.

Only FBI ...-15 bridges can be used for UTI 35.

Assembly instruction:
In order to securely fix the neutral busbar in place, support brackets must be placed at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.
The corresponding support brackets can be found at phoenixcontact.net/products



110 A, neutral disconnect terminal block



125 A, feed-through terminal block and ground terminal

EAC

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**15**	**55**	**51 (NS 35/7,5) / 56 (NS 32)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		110	**400**	**0.75 - 35**	**-**
Maximum bridge current	[A]	-			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	110 / 35	- / -	- / -	- / -
Cross section range	AWG	18 - 2	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
2 conductors (of the same type)	[mm²]	0.75 - 10	0.75 - 10	0.75 - 10	-
General data					
Stripping length	[mm]	16			
Flammability rating according to UL 94		V2			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray				
	blue	**UTN 35**	①	3245066	50
Ground terminal, closed	green-yellow				

EAC

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**15.2**	**55**	**51 (NS 35/7,5) / 56 (NS 32)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		125	**800**	**0.75 - 35**	**-**
Maximum bridge current	[A]	135			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm²]	125 / 35	- / -	- / -	- / -
Cross section range	AWG	18 - 2	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
2 conductors (of the same type)	[mm²]	0.75 - 10	0.75 - 10	0.75 - 10	-
General data					
Stripping length	[mm]	16			
Flammability rating according to UL 94		V2			

Ordering data

Type		Order No.	Pcs./Pkt.
UTI 35	①	3074088	50
UTI 35 BU	①	3075731	50
UTI 35-PE	②	3074091	50

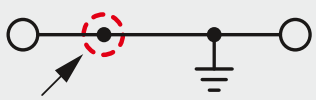
50 mm² UKH screw connection terminal blocks

General technical data for 50 mm² UKH screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	50			
Cross section range	AWG	6 - 2/0			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	16 - 70	25 - 70	25 - 50	25 - 50
2 conductors (of the same type)	[mm²]	10 - 16	10 - 16	10 - 16	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
General data					
Stripping length	[mm]	24			
Screw thread		M6			
Tightening torque	[Nm]	6 - 8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



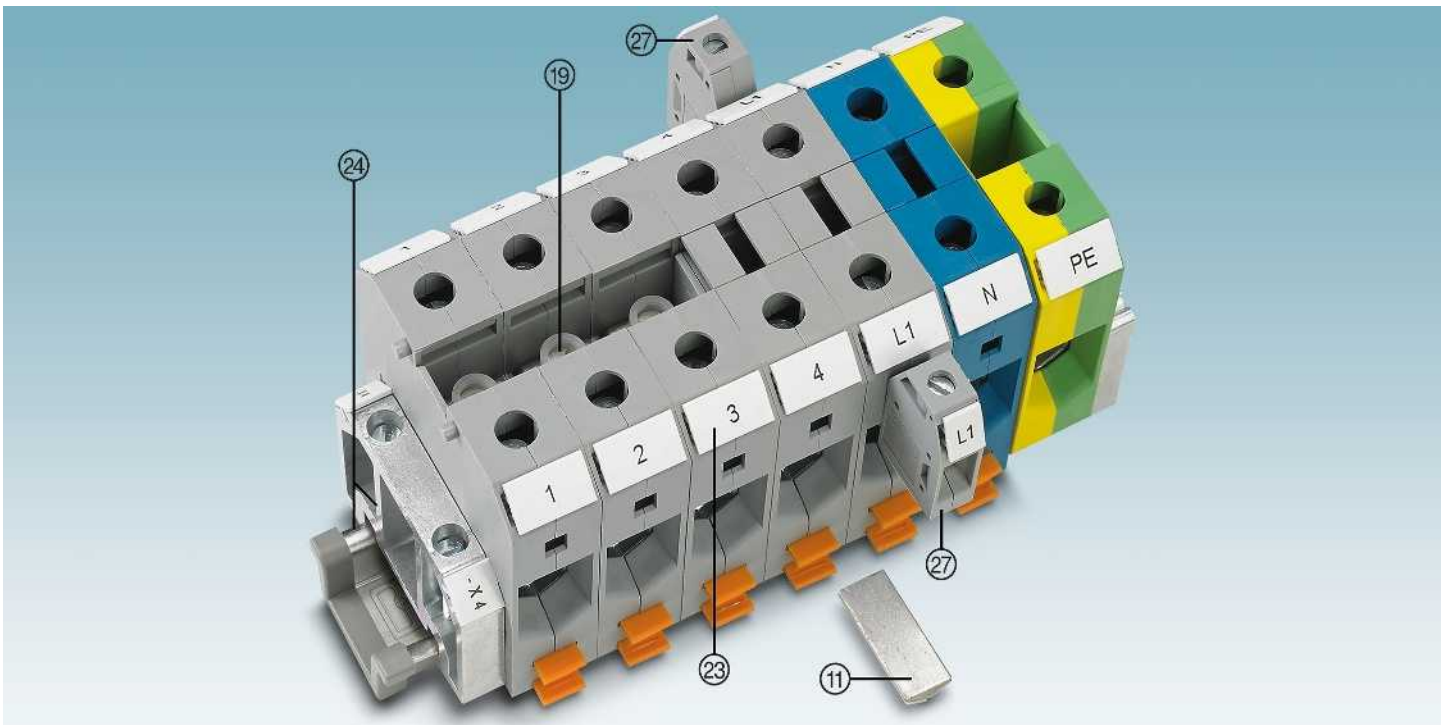
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 50 mm² UKH screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
⑲ **Fixed bridge**[1])	2	silver	**FBI 2-20**	0201346	10			
	3	silver	**FBI 3-20**	0201317	10			
⑪ **Insertion profile for flat conductor connection, see page 556**		silver	**UKH 50 EP**	3009228	10			
㉗ **Tap-off terminal block**		gray	**AGK 10-UKH 50**	3001763	10			
Screwdriver			**SZS 1,2X8,0 VDE**	1205082	10			

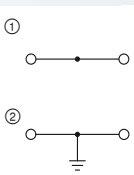
㉓ **Lateral groove marking**	**UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

High-current terminal blocks

Notes:

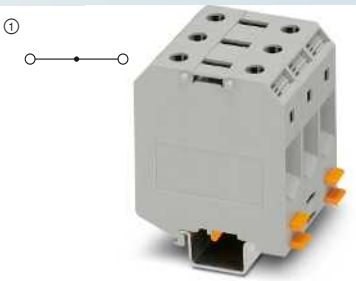
[1]) For additional accessories and technical data, see page 256.

For information on installation and using accessories for Ex applications, see page 644.





150 A, feed-through terminal block



150 A, terminal block bases

KEMA 98ATEX1786U / IECEx KEM 06.0029U

Dimensions		Technical data[1])			
	[mm]	Width	Length	Height	
		20	**70.5**	**83.5 (NS 35/15) / 81 (NS 32)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		150	**1000**	**16 - 70**	**6-1/0**
Maximum bridge current	[A]	150			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	690
Nominal current / cross section	[A] / [mm²]	150 / 50	150 / -	150 / -	133 / 50

Description	Color	Ordering data			
		Type		**Order No.**	Pcs./Pkt.
Terminal block	gray	**UKH 50**	①	3009118	10
	blue	**UKH 50 BU**	①	3009105	10
Terminal block, voltage 1500 V	gray	**UKH 50 1500V**	①	3247400	10
	blue	**UKH 50 1500V BU**	①	3247402	10
Ground terminal	green-yellow	**USLKG 50**	②	0443049	10
Terminal block base, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

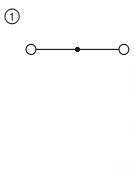
Technical data[1])			
Width	Length	Height	
60	**70.5**	**83.5 (NS 35/15) / 81 (NS 32)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
150	**1000**	**16 - 70**	**-**
150			
IEC	UL / CUL	CSA	Ex
1000	-	-	-
150 / 50	- / -	- / -	- / -

Ordering data			
Type		**Order No.**	Pcs./Pkt.
UKH 50-3L	①	3076634	3
UKH 50-3L/N	①	3076635	2
UKH 50-3L/FE	①	3076636	2
UKH 50-3L/N/FE	①	3076637	2

High-current terminal blocks for direct mounting

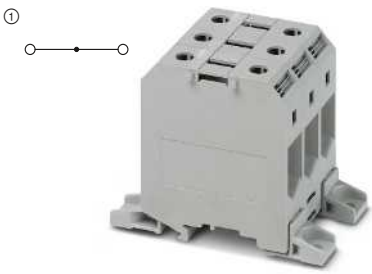
Notes:

[1]) For additional accessories and technical data, see page 256.





150 A, feed-through terminal block for direct mounting



150 A, terminal block base for direct mounting

Dimensions		Technical data[1])			
	[mm]	Width	Length	Height	
		20	**103.4**	**76**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		150	**1000**	**16 - 70**	**-**
Maximum bridge current	[A]	150			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	-	-	-
Nominal current / cross section	[A] / [mm²]	150 / 50	- / -	- / -	- / -

Description	Color	Ordering data			
		Type		**Order No.**	Pcs./Pkt.
Terminal block, for direct mounting	gray	**UKH 50-F**	①	3247019	10
Terminal block base, for direct mounting, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

Technical data[1])			
Width	Length	Height	
60	**103.4**	**76**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
150	**1000**	**16 - 70**	**-**
150			
IEC	UL / CUL	CSA	Ex
1000	-	-	-
150 / 50	- / -	- / -	- / -

Ordering data			
Type		**Order No.**	Pcs./Pkt.
UKH 50-3L-F	①	3076638	3
UKH 50-3L/N-F	①	3076639	2
UKH 50-3L/FE-F	①	3076640	3
UKH 50-3L/N/FE-F	①	3076641	2

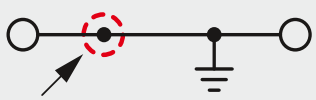
70 mm² UKH screw connection terminal blocks

General technical data for 70 mm² UKH screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	70			
Cross section range	AWG	4 - 3/0			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	16 - 95	25 - 70	16 - 70	16 - 70
2 conductors (of the same type)	[mm²]	16 - 25	16 - 25	16 - 25	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
General data					
Stripping length	[mm]	24			
Screw thread		M8			
Tightening torque	[Nm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



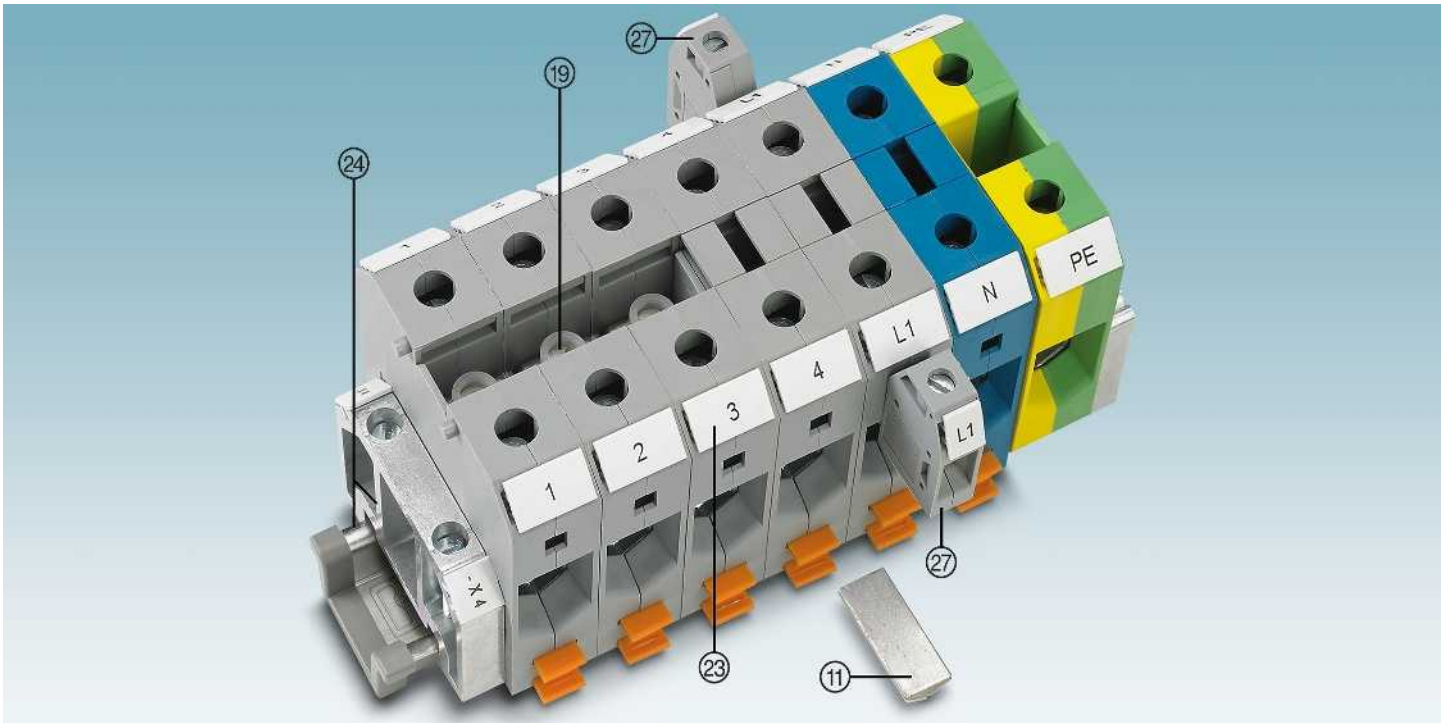
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 70 mm² UKH screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
⑲ **Fixed bridge**[1])	2	silver	**FBI 2-20 N**	3213195	10			
	3	silver	**FBI 3-20 N**	3213205	10			
⑪ **Insertion profile for flat conductor connection, see page 556**		silver	**UKH 50 EP**	3009228	10			
㉗ **Tap-off terminal block**		gray	**AGK 10-UKH 50**	3001763	10			
Allen key			**VDE-ISS 6**	1201934	1			

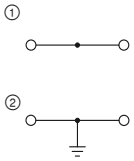
㉓ **Lateral groove marking**	**UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

High-current terminal blocks

Notes:

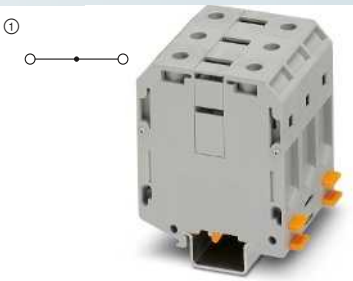
[1]) For additional accessories and technical data, see page 258.

For information on installation and using accessories for Ex applications, see page 644.





192 A, feed-through terminal block



192 A, terminal block bases

DNV GL CB scheme
Ex: EAC Ex
SEV12ATEX0168U / IECEx SEV12.0008U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		20.3	**70.5**	**80 (NS 35/7,5) / 85 (NS 32)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		192	**1000**	**16 - 95 / 6-3/0**
Maximum bridge current	[A]	192		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	1000	1000 / 880
Nominal current / cross section	[A] / [mm²]	192 / 70	192 / -	192 / - / 180 / 70

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UKH 70**	①	3213140	10
	blue	**UKH 70 BU**	①	3244601	10
Terminal block, voltage 1500 V	gray	**UKH 70 1500V**	①	3247461	10
Ground terminal	green-yellow	**UKH 70-PE/S**	②	3213141	10
Terminal block base, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

EAC

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		60.9	**70.5**	**87.5 (NS 35/15) / 85 (NS 32)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		192	**1000**	**16 - 95 / 6-3/0**
Maximum bridge current	[A]	192		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	1000	- / -
Nominal current / cross section	[A] / [mm²]	192 / 70	192 / -	- / - / - / -

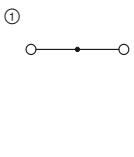
Ordering data

Type		Order No.	Pcs./Pkt.
UKH 70-3L	①	3076329	4
UKH 70-3L/N	①	3076361	3
UKH 70-3L/FE	①	3076400	3
UKH 70-3L/N/FE	①	3076442	2

High-current terminal blocks for direct mounting

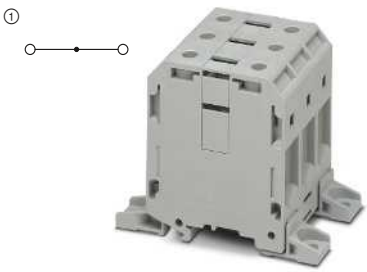
Notes:

[1]) For additional accessories and technical data, see page 258.





192 A, feed-through terminal block for direct mounting



192 A, terminal block bases for direct mounting

EAC

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		20.3	**103.4**	**80**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		192	**1000**	**16 - 95 / 6-3/0**
Maximum bridge current	[A]	192		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	1000	- / -
Nominal current / cross section	[A] / [mm²]	192 / 70	192 / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	**UKH 70-F**	①	3247051	10
Terminal block base, for direct mounting, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

EAC

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		60.9	**103.4**	**80**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		192	**1000**	**16 - 95 / 6-3/0**
Maximum bridge current	[A]	192		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	1000	- / -
Nominal current / cross section	[A] / [mm²]	192 / 70	192 / -	- / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
UKH 70-3L-F	①	3076484	4
UKH 70-3L/N-F	①	3076523	3
UKH 70-3L/FE-F	①	3076565	3
UKH 70-3L/N/FE-F	①	3076604	2

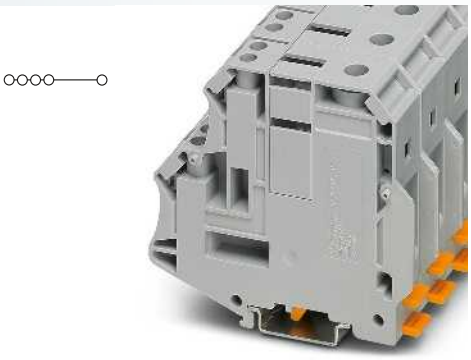
70 mm² UKH screw connection terminal blocks

High-current terminal blocks

Notes:
For additional accessories and technical data, see page 258.



- Compact high-current terminal blocks with 1500 V nominal voltage
- For use in renewable power generation - specifically in photovoltaics
- Four integrated pick-off terminal blocks with a 10 mm² cross section for a simple power supply or potential distribution
- Compact, space-saving design
- Bridgeable with screw-type bridges for easy potential distribution
- Large-surface marking options



192 A, potential collective terminal, 4 inputs 10 mm²

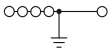
Technical data

Dimensions			
Width	Length	Height NS 35/7,5	
20.3	**88.5**	**80**	
[mm]			
Dimensions			
Width	Length	Height NS 35/15	
20.3	**88.5**	**87.5**	
[mm]			
Dimensions			
Width	Length	Height NS 32	
20.3	**88.5**	**85**	
[mm]			
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
192	**1500**	**16 - 95**	**-**
Rated data	IEC 60947-7-1		
IEC	UL	CSA	IEC/ EN 60079-7
Rated voltage [V]	1500	-	-	-
Nominal current / cross section [A] / [mm²]	192 / -	- / -	- / -	-
Rated cross section [mm²]	70	-	-	-
Cross section range AWG	4 - 3/0	-	-	-
Supply connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm²]	16 - 95	25 - 70	16 - 70	16 - 70
2 conductors (of the same type) [mm²]	16 - 25	16 - 25	16 - 25	-
Branch connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm²]	1.5 - 16	1.5 - 10	1.5 - 10	1.5 - 6
2 conductors (of the same type) [mm²]	1.5 - 2.5	1.5 - 2.5	1.5 - 2.5	-

Ordering data

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Type	Order No.	Pcs./Pkt.
UKH 70/4X10	3213142	10
UKH 70/4X10 BU	3213143	10





192 A, protective conductor terminal, 4 inputs 10 mm²

Technical data

Width	Length	Height NS 35/7,5	
20.3	**88.5**	**80**	
Width	Length	Height NS 35/15	
20.3	**88.5**	**87.5**	
Width	Length	Height NS 32	
20.3	**88.5**	**85**	
$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)
192		**16 - 95**	**-**
IEC 60947-7-2			
IEC	UL	CSA	IEC/ EN 60079-7
-	-	-	-
192 / 70	- / -	- / -	-
70	-	-	-
4 - 3/0	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
16 - 95	25 - 70	16 - 70	16 - 70
16 - 25	16 - 25	16 - 25	-
solid	stranded	Ferrule without/with plastic sleeve	
1.5 - 16	1.5 - 10	1.5 - 10	1.5 - 6
1.5 - 2.5	1.5 - 2.5	1.5 - 2.5	-

Ordering data

Type	Order No.	Pcs./Pkt.
UKH 70/4X10-PE	3213144	10

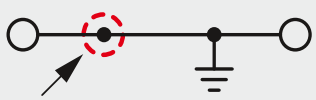
95 mm² UKH screw connection terminal blocks

General technical data for 95 mm² UKH screw connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2			
Rated cross section	[mm²]	95			
Cross section range	AWG	4 - 3/0			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	25 - 95	35 - 95	35 - 95	35 - 95
2 conductors (of the same type)	[mm²]	25 - 35	25 - 35	16 - 35	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Max. cross section with insertion bridge	[mm²]	95	70	-	-
General data					
Stripping length	[mm]	33			
Screw thread		M8			
Tightening torque	[Nm]	15 - 20			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



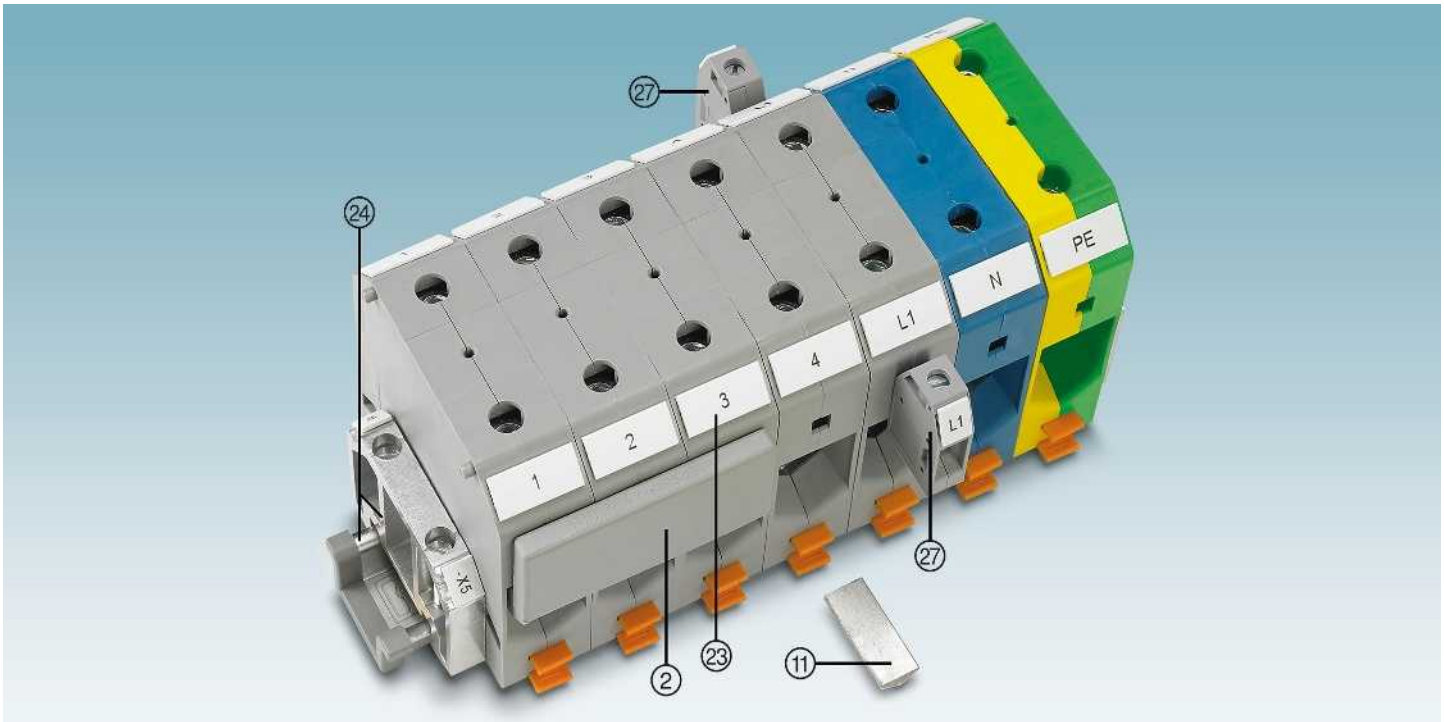
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 95 mm² UKH screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② **Insertion bridge**[1])	2	gray	**EB 2-25/UKH**	0201362	10			
	3	gray	**EB 3-25/UKH**	0201375	10			
⑪ **Insertion profile for flat conductor connection, see page 556**		silver	**UKH 95 EP**	3009231	10			
㉗ **Tap-off terminal block**		gray	**AGK 10-UKH 95**	3003541	10			
Allen key			**VDE-ISS 6**	1201934	1			

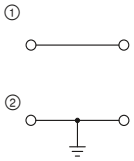
㉓ **Lateral groove marking**	**UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

High-current terminal blocks

Notes:

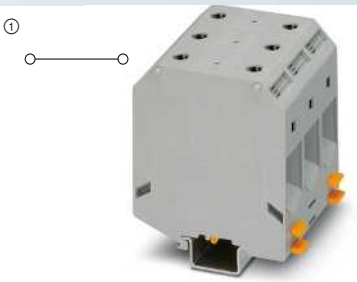
[1]) For additional accessories and technical data, see page 262.

For information on installation and using accessories for Ex applications, see page 644.





232 A, feed-through terminal block



232 A, terminal block base

KEMA 98ATEX1786U / IECEx KEM 06.0029U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		25	83	97.5 (NS 35/15) / 95 (NS 32)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		232	1000	25 - 95 / 2-4/0
Maximum bridge current	[A]	232		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 880
Nominal current / cross section	[A] / [mm²]	232 / 95	230 / -	200 / - / 216 / 95

Technical data[1])

		Width	Length	Height
		75	82.8	97.5 (NS 35/15) / 95 (NS 32)
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		232	1000	25 - 95 / 2-4/0
		232		
		IEC	UL / CUL	CSA / Ex
		1000	600	- / -
		232 / 95	230 / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UKH 95**	①	3010013	3
	blue	**UKH 95 BU**	①	3010136	3
Terminal block, voltage 1500 V	gray	**UKH 95 1500V**	①	3247419	3
	blue	**UKH 95 1500V BU**	①	3247420	3
Ground terminal	green-yellow	**USLKG 95**	②	0441041	10
Terminal block base, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

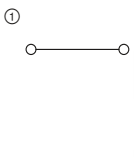
Ordering data

Type		Order No.	Pcs./Pkt.
UKH 95-3L	①	3076332	3
UKH 95-3L/N	①	3076374	2
UKH 95-3L/FE	①	3076413	2
UKH 95-3L/N/FE	①	3076455	2

High-current terminal blocks for direct mounting

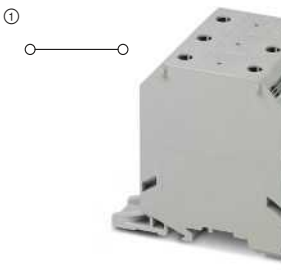
Notes:

[1]) For additional accessories and technical data, see page 262.





232 A, feed-through terminal block for direct mounting



232 A, terminal block bases for direct mounting

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		25	118.8	90
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		232	1000	25 - 95 / 2-4/0
Maximum bridge current	[A]	232		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	- / -
Nominal current / cross section	[A] / [mm²]	232 / 95	230 / -	- / - / - / -

Technical data[1])

		Width	Length	Height
		75	118.8	90
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		232	1000	25 - 95 / -
		232		
		IEC	UL / CUL	CSA / Ex
		1000	-	- / -
		232 / 95	- / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	**UKH 95-F**	①	3247022	10
Terminal block base, for direct mounting, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

Ordering data

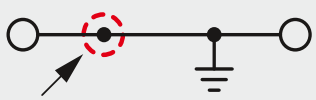
Type		Order No.	Pcs./Pkt.
UKH 95-3L-F	①	3076497	2
UKH 95-3L/N-F	①	3076536	2
UKH 95-3L/FE-F	①	3076578	2
UKH 95-3L/N/FE-F	①	3076617	2

150 mm² UKH screw connection terminal blocks

General technical data for 150 mm² UKH screw connection terminal blocks

Rated data		IEC 60947-7-1			
Rated cross section	[mm²]	150			
Cross section range	AWG	2 - 300 kcmil			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	35 - 150	50 - 150	50 - 150	50 - 150
2 conductors (of the same type)	[mm²]	25 - 50	35 - 50	25 - 50	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Max. cross section with insertion bridge	[mm²]	150	120	-	-
General data					
Stripping length	[mm]	40			
Screw thread		M10			
Tightening torque	[Nm]	25 - 30			
Insulating material		PA			
Flammability rating according to UL 94		V0			
Note: Additional or deviating data is documented for the product.					

Notes:



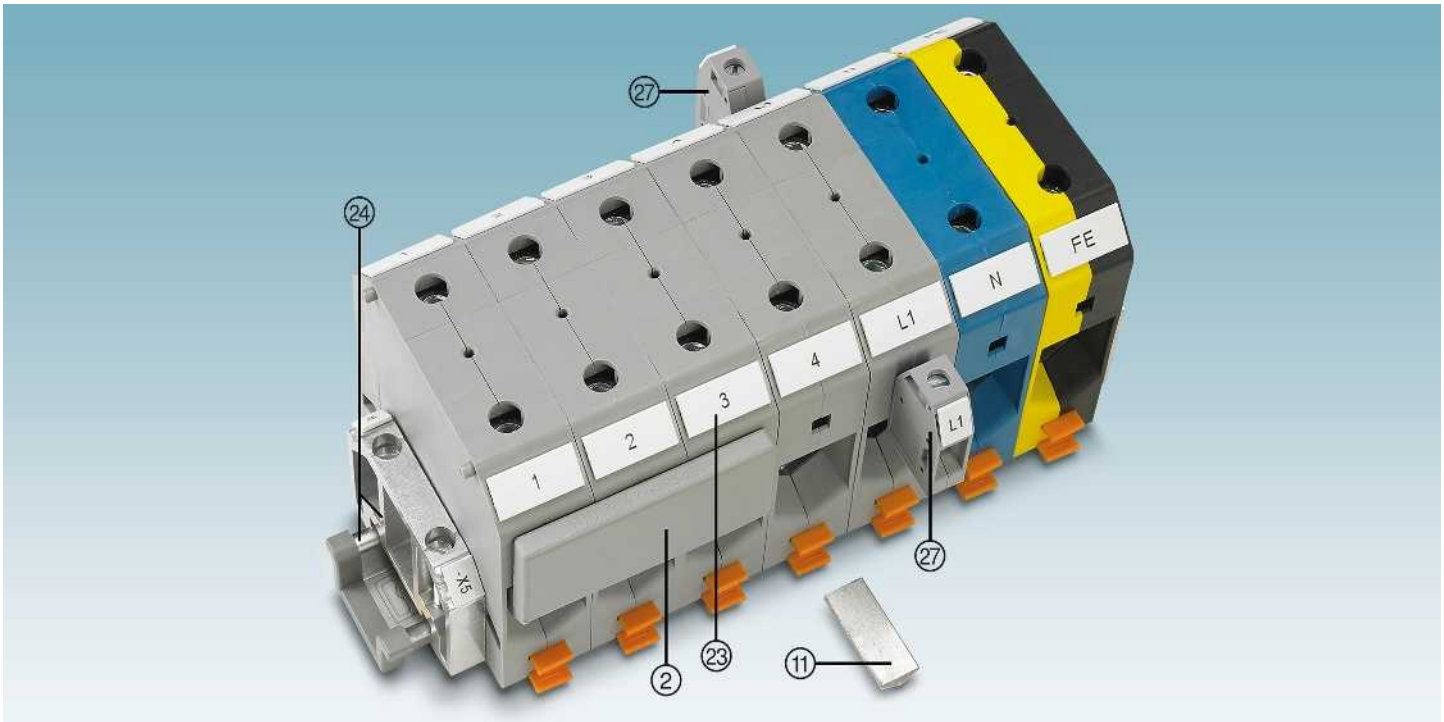
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 150 mm² UKH screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② **Insertion bridge**[1])	2	gray	**EB 2-31/UKH**	0201388	10			
	3	gray	**EB 3-31/UKH**	0201391	10			
⑪ **Insertion profile for flat conductor connection, see page 556**		silver	**UKH 150/240 EP**	3009244	10			
㉗ **Tap-off terminal block**		gray	**AGK 10-UKH 150/240**	3003554	10			
Allen key			**VDE-ISS 8**	1201947	1			

㉓ **Lateral groove marking**	**UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

High-current terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 264.

For information on installation and using accessories for Ex applications, see page 644.

① ○——○



309 A, feed-through terminal block

① ○——○



309 A, terminal block base

Ex: EAC Ex

KEMA 99ATEX8332 U / IECEx KEM 06.0030U

Dimensions		Technical data[1])				Technical data[1])			
	[mm]	Width	Length	Height		Width	Length	Height	
		31	**100**	**118.5 (NS 35/15) / 116 (NS 32)**		**93**	**100**	**118.5 (NS 35/15) / 116 (NS 32)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		309	**1000**	**35 - 150**	**2-300**	**309**	**1000**	**35 - 150**	**2-300**
Maximum bridge current	[A]	300				300			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	1100	1000	600	-	-
Nominal current / cross section	[A] / [mm²]	309 / 150	285 / -	275 / -	256 / 150	309 / 150	285 / -	- / -	- / -

Description	Color	Ordering data				Ordering data			
		Type		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Terminal block	gray	**UKH 150**	①	3010110	3				
	blue	**UKH 150 BU**	①	3010123	3				
Terminal block, voltage 1500 V	gray	**UKH 150 1500V**	①	3247433	3				
	blue	**UKH 150 1500V BU**	①	3247434	3				
Terminal block base, 3 x gray	gray					**UKH 150-3L**	①	3076345	3
3 x gray, 1 x blue	gray/blue					**UKH 150-3L/N**	①	3076387	2
3 x gray, 1 x black-yellow	gray/black-yellow					**UKH 150-3L/FE**	①	3076426	2
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow					**UKH 150-3L/N/FE**	①	3076468	2

High-current terminal blocks for direct mounting

Notes:

[1]) For additional accessories and technical data, see page 264.

① ○——○



309 A, feed-through terminal block for direct mounting

① ○——○



309 A, terminal block bases for direct mounting

Dimensions		Technical data[1])				Technical data[1])			
	[mm]	Width	Length	Height		Width	Length	Height	
		31	**136.1**	**111**		**93**	**136.1**	**111**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		309	**1000**	**35 - 150**	**2-300**	**309**	**1000**	**35 - 150**	**-**
Maximum bridge current	[A]	300				300			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	-	-	1000	-	-	-
Nominal current / cross section	[A] / [mm²]	309 / 150	285 / -	- / -	- / -	309 / 150	- / -	- / -	- / -

Description	Color	Ordering data				Ordering data			
		Type		**Order No.**	Pcs./Pkt.	**Type**		**Order No.**	Pcs./Pkt.
Terminal block, for direct mounting	gray	**UKH 150-F**	①	3247035	10				
Terminal block base, for direct mounting, 3 x gray	gray					**UKH 150-3L-F**	①	3076507	4
3 x gray, 1 x blue	gray/blue					**UKH 150-3L/N-F**	①	3076549	2
3 x gray, 1 x black-yellow	gray/black-yellow					**UKH 150-3L/FE-F**	①	3076581	2
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow					**UKH 150-3L/N/FE-F**	①	3076620	2

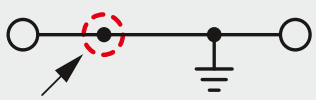
240 mm² UKH screw connection terminal blocks

General technical data for 240 mm² UKH screw connection terminal blocks

Rated data		IEC 60947-7-1			
Rated cross section	[mm²]	240			
Cross section range	AWG	2/0 - 500 kcmil			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	70 - 240	70 - 240	70 - 185	70 - 185
2 conductors (of the same type)	[mm²]	35 - 95	50 - 95	35 - 50	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Max. cross section with insertion bridge	[mm²]	240	185	-	-
General data					
Stripping length	[mm]	40			
Screw thread		M10			
Tightening torque	[Nm]	25 - 30			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



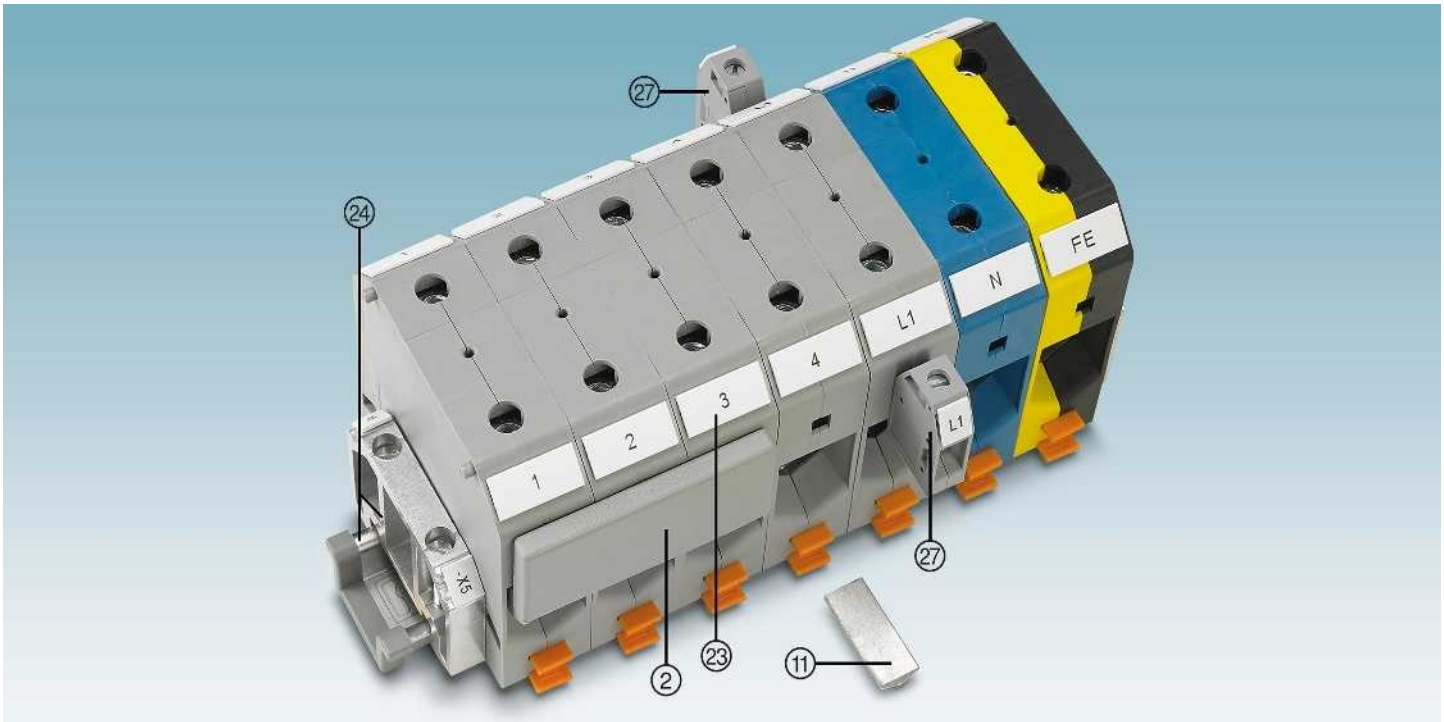
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 240 mm² UKH screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
② **Insertion bridge**[1])	2	gray	**EB 2-36/UKH**	0201401	10			
	3	gray	**EB 3-36/UKH**	0201414	10			
⑪ **Insertion profile for flat conductor connection, see page 556**		silver	**UKH 150/240 EP**	3009244	10			
㉗ **Tap-off terminal block**		gray	**AGK 10-UKH 150/240**	3003554	10			
Allen key			**VDE-ISS 8**	1201947	1			

㉓ **Lateral groove marking**	**UC-TM 10, UCT-TM 10 or ZB 10. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

High-current terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 266.

For information on installation and using accessories for Ex applications, see page 644.



415 A, feed-through terminal block



415 A, terminal block bases

DNV GL
Ex: EAC Ex
KEMA 99ATEX8332 U / IECEx KEM 06.0030U

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		36	**100**	**131.5 (NS 35/15) / 129 (NS 32)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		415	**1000**	**70 - 240 / 2/0-500**
Maximum bridge current	[A]	382		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	600 / 1100
Nominal current / cross section	[A] / [mm²]	415 / 240	380 / -	400 / - / 350 / 240

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UKH 240**	①	3010217	3
	blue	**UKH 240 BU**	①	0711852	3
Terminal block base, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

EAC

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		108	**100**	**131.5 (NS 35/15) / 129 (NS 32)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		415	**1000**	**70 - 240 / 2/0-500**
Maximum bridge current	[A]	382		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	- / -
Nominal current / cross section	[A] / [mm²]	415 / 240	380 / -	- / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
UKH 240-3L	①	3076358	3
UKH 240-3L/N	①	3076390	2
UKH 240-3L/FE	①	3076439	2
UKH 240-3L/N/FE	①	3076471	2

High-current terminal blocks for direct mounting

Notes:

[1]) For additional accessories and technical data, see page 266.



415 A, feed-through terminal block for direct mounting



415 A, terminal block bases for direct mounting

EAC

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		36	**136.1**	**124**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		415	**1000**	**70 - 240 / 2/0-500**
Maximum bridge current	[A]	382		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	600	- / -
Nominal current / cross section	[A] / [mm²]	415 / 240	380 / -	- / - / - / -

Ordering data

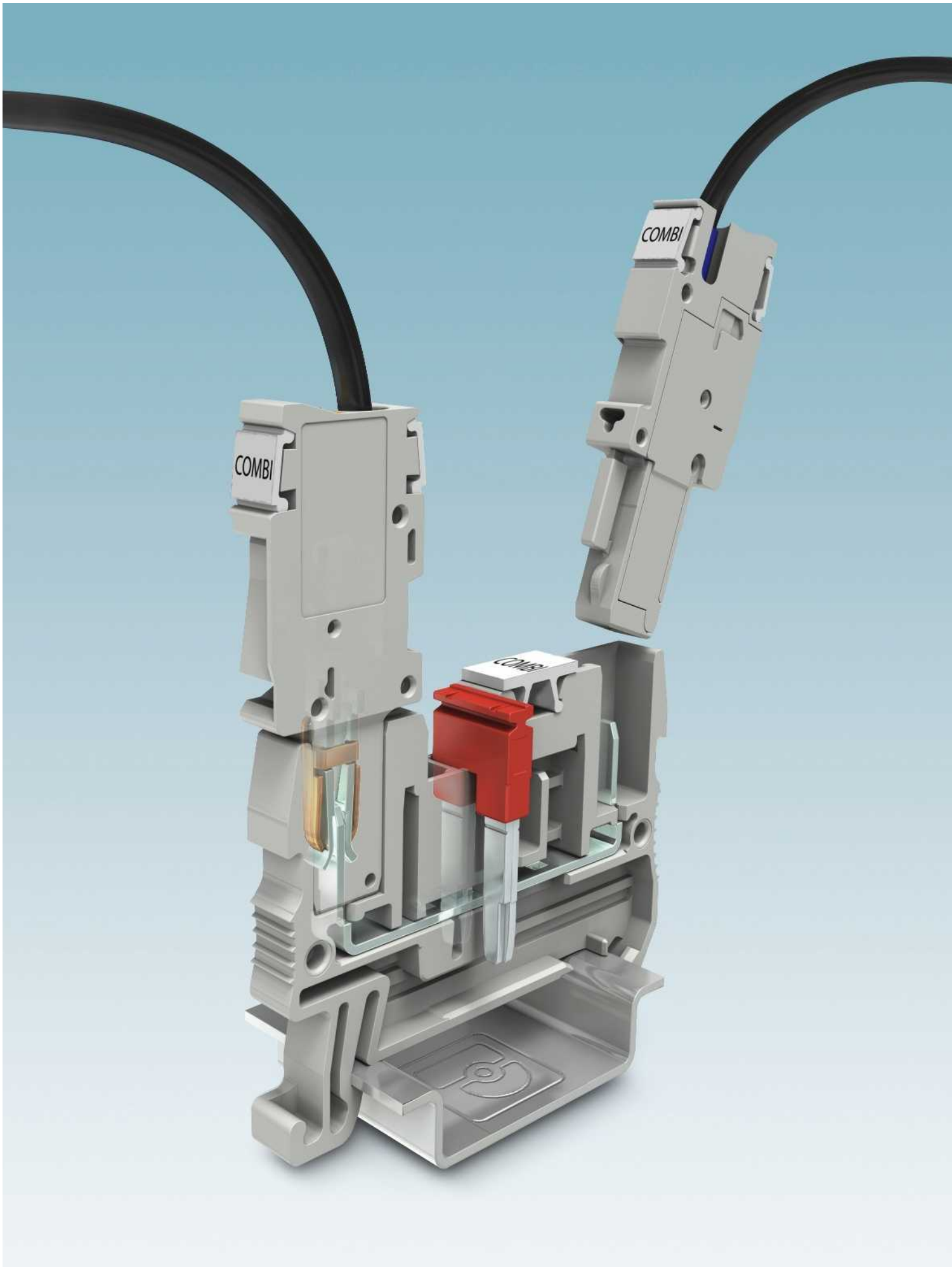
Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for direct mounting	gray	**UKH 240-F**	①	3247048	10
Terminal block base, for direct mounting, 3 x gray	gray				
3 x gray, 1 x blue	gray/blue				
3 x gray, 1 x black-yellow	gray/black-yellow				
3 x gray, 1 x blue, 1 x black-yellow	gray/blue/black-yellow				

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		108	**136.1**	**124**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		415	**1000**	**70 - 240 / -**
Maximum bridge current	[A]	382		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	1000	-	- / -
Nominal current / cross section	[A] / [mm²]	415 / 240	- / -	- / - / - / -

Ordering data

Type		Order No.	Pcs./Pkt.
UKH 240-3L-F	①	3076510	4
UKH 240-3L/N-F	①	3076552	2
UKH 240-3L/FE-F	①	3076594	2
UKH 240-3L/N/FE-F	①	3076633	2


COMBI
COMBI
COMBI

COMBI plug-in connection solutions

The COMBI connection system enables the time-saving and modular configuration of your application. Its distinguishing feature is its standardized plug-in zone. This allows you to combine basic terminal blocks which are available in Push-in, spring-cage, fast connection, and screw connection versions, with one another in any configuration.

The nominal data of up to 41 A and 1000 V has made a plug-in system for signal and power wiring possible. The system meets the most stringent of vibration requirements. Both the terminal blocks and the plugs are touch-proof.

In addition, all connectors can be individually assembled, i.e., they can be adapted to match the required number of positions in each application. The COMBI plug-in system can be combined with the CES cable entry system (see Catalog 2) by routing the pre-assembled cables with a high degree of protection (IP54) into control cabinets and housing in a manner that saves space. This produces a quick and low-cost alternative to using heavy-duty plug-in connectors.

Push-in connection

Your web code: #1276

Spring-cage connection

Your web code: #1398

Fast connection

Your web code: #1399

Screw connection

Your web code: #1400

Product range overview

1.5 mm² Push-in connection

Terminal blocks	**279**
Couplings	**282**
Connectors	**284**

2.5 mm² Push-in connection

Terminal blocks	**287**
Couplings and headers	**291**
Connectors	**294**

4 mm² Push-in connection

Terminal blocks	**299**
Headers	**300**
Connectors	**301**

6 mm² Push-in connection

Terminal blocks	**303**
Measuring transducer disconnect terminal blocks	**303**
Couplings	**306**
Connectors	**308**

2.5 mm² spring-cage connection

Terminal blocks	**311**
Couplings and headers	**315**
Connectors	**320**

4 mm² spring-cage connection

Terminal blocks	**327**
Couplings and headers	**329**
Connectors	**333**

1.5 mm² fast connection

Terminal blocks	**335**
Connectors	**336**

2.5 mm² screw connection

Terminal blocks	**339**
Headers	**341**
Connectors	**342**

4 mm² screw connection

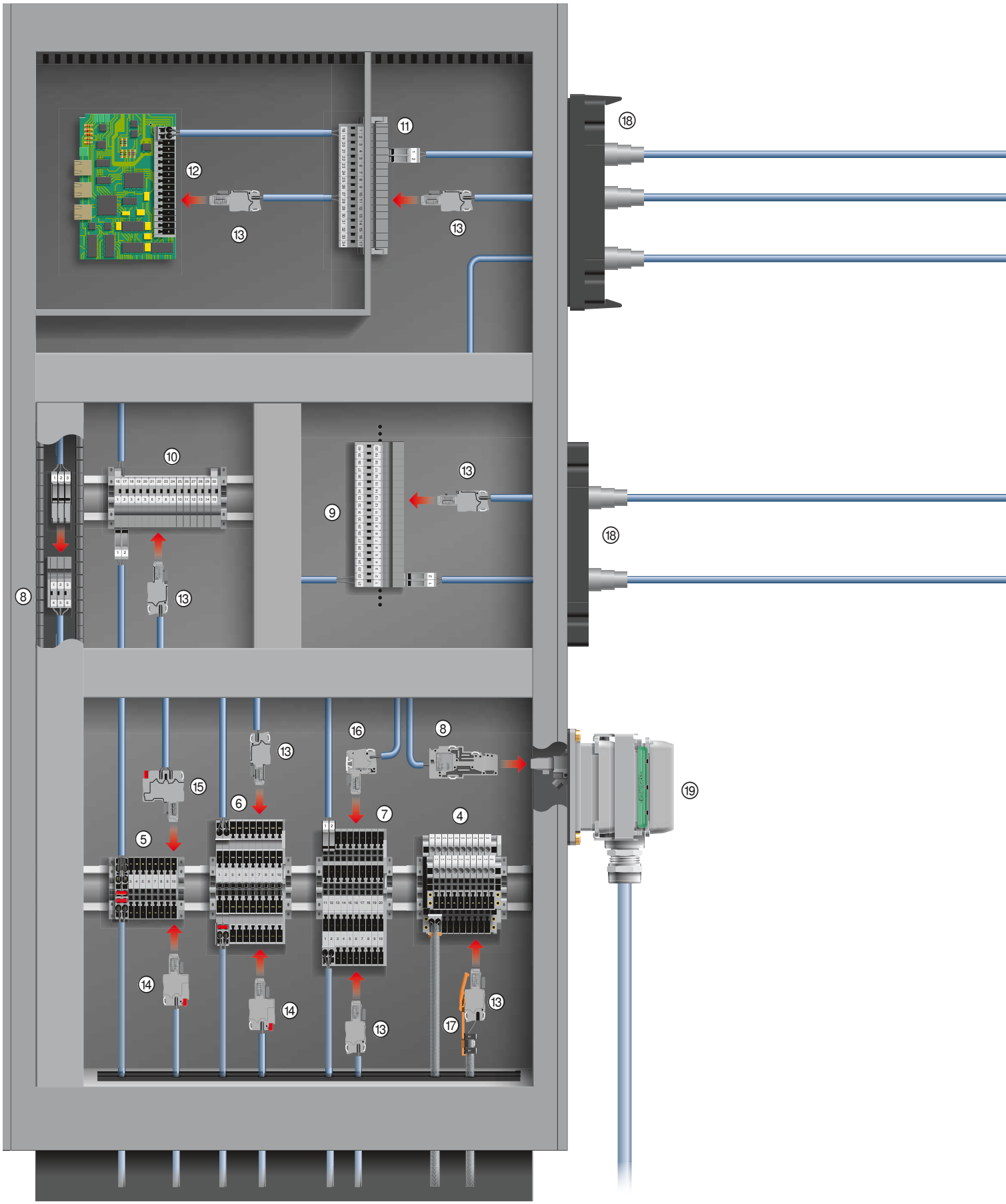
Terminal blocks	**345**
Measuring transducer disconnect terminal blocks	**347**
Headers	**349**
Connectors	**351**

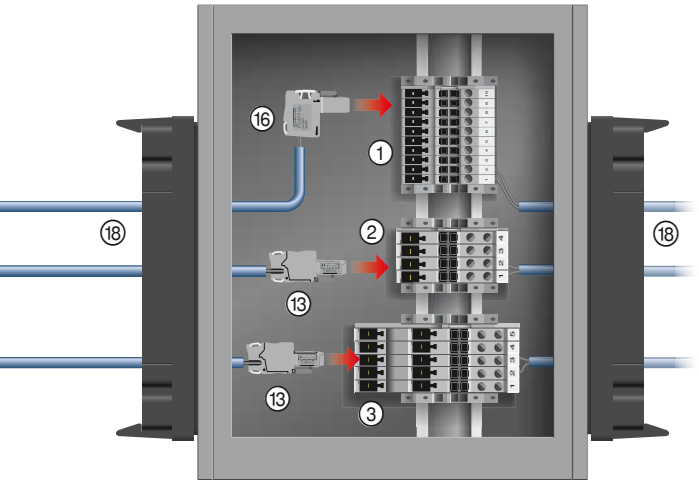
6 mm² screw connection

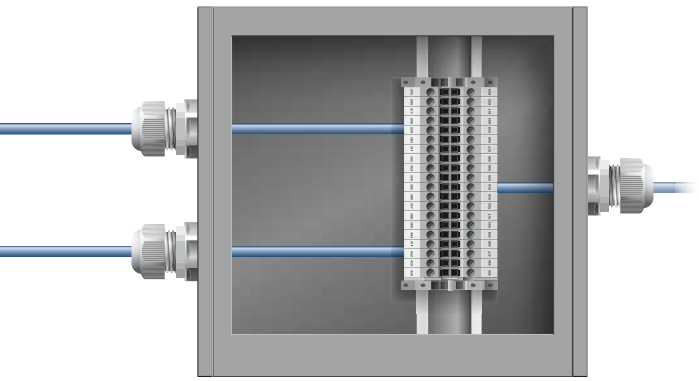
Terminal blocks	**355**
Connectors	**356**

Accessories **358**

Cabling options with the COMBI connection system







① Feed-through terminal blocks with one connector outlet
② Multi-conductor terminal blocks with one connector outlet
③ Multi-conductor terminal blocks with two connector outlets
④ Double-level terminal blocks with one connector outlet per level
⑤ Pin-pin feed-through terminal blocks
⑥ Pin-pin multi-conductor terminal blocks
⑦ Pin-pin double-level terminal blocks
⑧ Couplings for flying leads
⑨ Couplings with securing pin for direct mounting
⑩ Couplings for DIN rail mounting
⑪ Coupling for panel feed-through
⑫ Header for the PCB connection
⑬ Connector with conductor exit in plug-in direction
⑭ Bridgeable connector with conductor exit in plug-in direction
⑭ Bridgeable two-conductor connector with conductor exit in plug-in direction
⑯ Connector with conductor exit perpendicular to plug-in direction
⑰ Optional snap-on connector accessories, e.g., latching with overall shielding braid
⑱ CES cable entry system with IP54/IP65 protection, see Catalog 2
⑲ DUPLICON IP67 heavy-duty connector, see Catalog 2

It is impossible to imagine today's applications without plug-in solutions, whether in control cabinets or in complete systems. It is here that the COMBI connection system offers users unlimited flexibility. From supplying the control cabinet and the power and control components to the quick installation of distributed system parts, the COMBI connection system always delivers the perfect solution.

There are numerous advantages to this system. Plug-in components inside the control cabinet can be installed and removed quickly and easily. Plug-in ring feeders ensure reliable power supply from one control cabinet to another. Couplings for flying leads are not only suitable for wiring in restricted spaces. They can also be used to easily extend pre-assembled cables.

The COMBI headers support the plug-in wiring of electronic devices or components.

The CES cable entry systems allow users to route up to 40 pre-assembled connectors into the control cabinet while maintaining IP54/IP65 protection. When it comes to increased requirements up to IP67 or control cabinet connection in harsh industrial environments, DUPLICON is the ideal connection component.

The flexible and extensive options offered by the standardized plug-in zone of the COMBI system have won over several well-known companies.

Terminal block cross-reference list – connectors

Terminal block		Connector	PT Push-in connection					ST spring-cage connection	
			PP-H 1,5/S Page 284	PP-H 2,5 Page 294	PP 2,5 Page 296	PP-H 4 Page 301	PP-H 6 Page 308	SP 2,5... Page 320	SP-H 2,5... Page 321
									
Feed-through terminal blocks									
PT 1,5/S/1P / MPT 1,5/S/1P	Page 279		■						
PT 2,5/1P, ST 2,5/1P	Page 287			■	■			■	■
PT 4/1P, ST 4/1P	Page 299					■			
PT 6/1P	Page 303						■		
QTC 1,5/1P	Page 335			■	■			■	■
UT 2,5/1P	Page 339			■	■			■	■
UT 4/1P, UT 4/ 1P-H	Page 345					■			
UT 6/1P	Page 355						■		
Feed-through terminal blocks, three connections									
PT 1,5/S-TWIN/1P	Page 279		■						
PT 2,5-TWIN/1P, ST 2,5-TWIN/1P	Page 287			■	■			■	■
PT 4-TWIN/1P	Page 299					■			
UT 2,5-TWIN/1P	Page 339			■	■			■	■
UT 4-TWIN/1P	Page 345					■			
Knife disconnect terminal blocks									
ST 2,5-TWIN-MT/1P	Page 312			■	■			■	■
ST 2,5-TWIN-TG/1P	Page 312			■	■			■	■
Feed-through terminal blocks, four connections									
PT 1,5/S-QUATTRO/2P	Page 279		■						
PT 2,5-QUATTRO/2P ST 2,5-QUATTRO/2P	Page 287			■	■			■	■
PT 6-QUATTRO/2P	Page 303						■		
PT 4-QUATTRO/2P ST 4-QUATTRO/2P	Page 299					■			
ST 4-QUATTRO/4CP	Page 328					■ [1]			
UT 4-QUATTRO/2P	Page 345					■			
UT 6-QUATTRO/2P	Page 355								
Feed-through terminal blocks, six connections									
PT 2,5-HEXA/3P	Page 287			■	■			■	■
Double-level terminal blocks									
PTTB 1,5/S/2P	Page 279		■						
PTTB 2,5/2P	Page 288			■	■			■	■
PTTBS 2,5/2P PTTBS 2,5-TWIN/2P	Page 288			■	■			■	■
STTB 2,5/2P	Page 311			■	■			■	■
QTTCB 1,5/2P	Page 335			■	■			■	■
UTTB 2,5/2P	Page 339			■	■			■	■
Pin-pin versions									
ST 2,5/2P	Page 289			■	■			■	■
ST 4/2P	Page 299					■			
ST 2,5-QUATTRO/4P	Page 289			■	■			■	■
STTB 2,5/4P	Page 289			■	■			■	■

[1]) Can only be used on the external connection pins of the basic terminal block.
[2]) Can only be used on the internal connection pins of the basic terminal block.
[2]) Can only be used on one side of the basic terminal block.

				QT fast connection	CP crimp connection	UT screw connection			
SPV 2,5... Page 322	SP 4... Page 333	SPB 2,5... Page 323	SPDB 2,5... Page 324	QP 1,5 Page 336	CP 4/6 Page 365	UPBV 2,5... Page 342	UPBV 4... Page 351	UP 4... Page 352	UP 6... Page 356
									

Coupling cross-reference – connectors

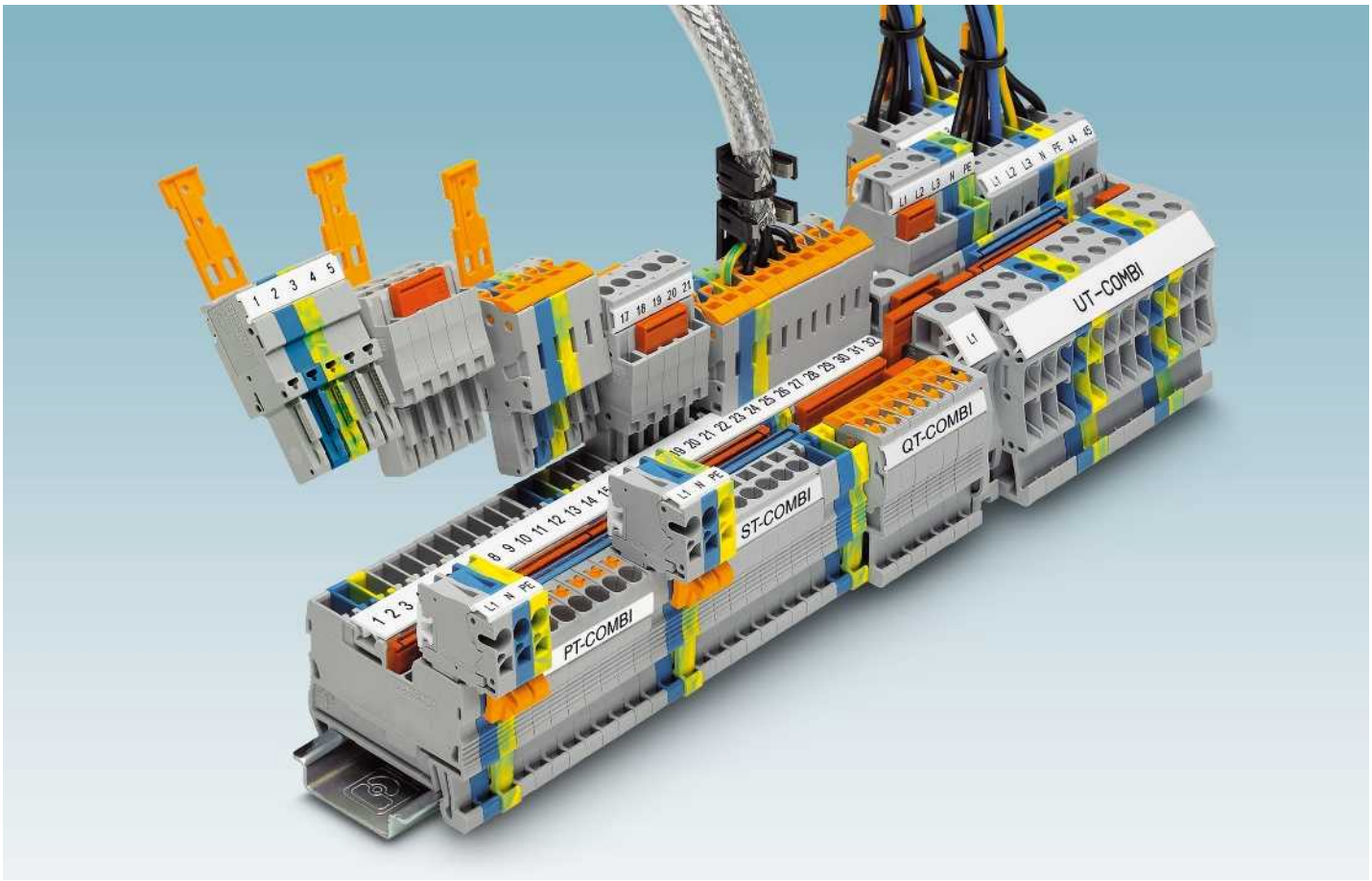
Coupling

Connector

		PT Push-in connection					ST spring-cage connection	
		PP-H 1,5/S Page 284	PP-H 2,5 Page 294	PP 2,5 Page 296	PP-H 4 Page 301	PP-H 6 Page 308	SP 2,5... Page 320	SP-H 2,5... Page 321
								
Couplings								
PPC 1,5/S	Page 282	■						
PPC 2,5/...	Page 291		■	■			■	■
PPC 6/...	Page 306					■		
SC 2,5/...	Page 315		■	■			■	■
SC 4/...	Page 329				■			
Couplings with securing pin								
SC 2,5-RZ/...	Page 316		■	■			■	■
SC 4-RZ/...	Page 330				■			
Couplings with snap-on foot								
PPC 1,5/S-NS/1-L	Page 283	■						
PPC 2,5-NS/1-L	Page 292		■	■			■	■
PPC 6-NS/1-L	Page 306					■		
SC 2,5-NS/1-L	Page 318		■	■			■	■
SC 4-NS/1-L	Page 331				■			
Header for PCB connection technology								
ST 2,5-PCB/...G-5,2	Page 293		■	■			■	■
ST 4-PCB/...G-6,2	Page 300				■			
ST 2,5-PCBV/...G-5,2	Page 293		■	■			■	■
ST 4-PCB/...G-6,2	Page 300		■	■	■			

				QT fast connection	CP crimp connection	UT screw connection			
SPV 2,5... Page 322	SP 4... Page 333	SPB 2,5... Page 323	SPDB 2,5... Page 324	QP 1,5 Page 336	CP 4/6 Page 365	UPBV 2,5... Page 342	UPBV 4... Page 351	UP 4... Page 352	UP 6... Page 356
									
■		■		■		■			
■		■	■	■		■			
	■						■	■	
■		■		■		■			
	■						■	■	
■		■		■		■			
■		■		■		■			
	■						■	■	
■		■		■		■			
	■						■	■	
■		■	■	■		■			
	■						■	■	

COMBI plug-in connection solutions



Push-in connection

Your web code: #1276

Fast connection

Your web code: #1399

Spring-cage connection

Your web code: #1398

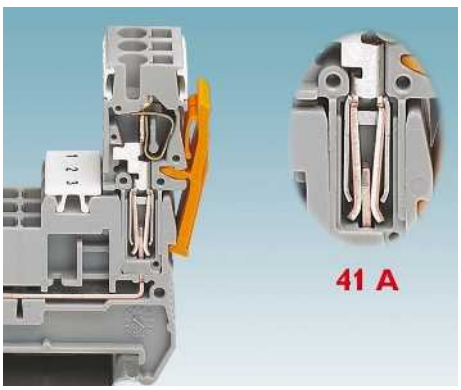
Screw connection

Your web code: #1400



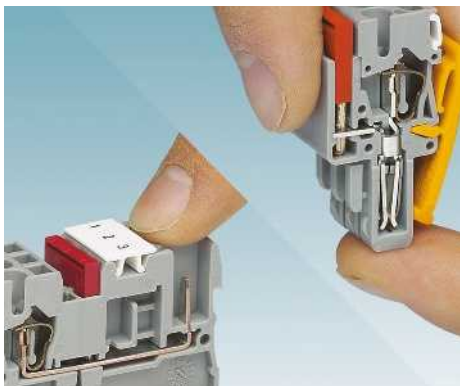
Flexible and plug-in-capable

The COMBI family offers a free choice of connection technologies. The standardized COMBI plug-in zone allows terminal blocks and connectors to be combined to suit the application regardless of connection technology.



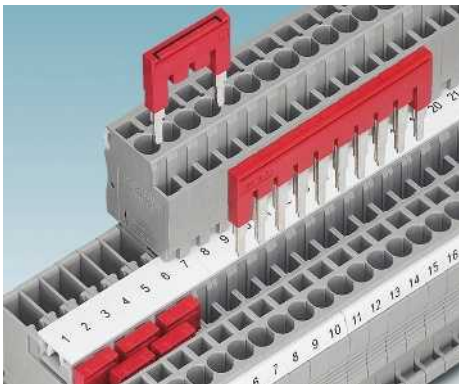
Powerful contact

The COMBI connection system enables a plug-in wiring solution up to a nominal current of 41 A and a nominal voltage of 1000 V. The contact system features an integrated covering spring so that it can withstand extreme vibration levels.

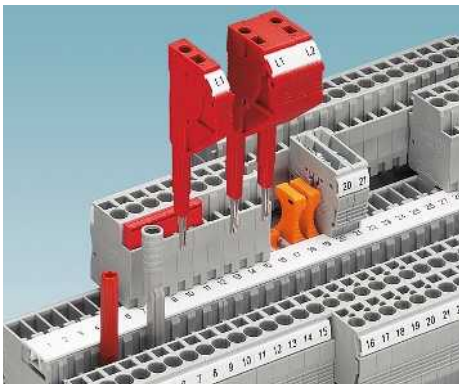


Touch-proof

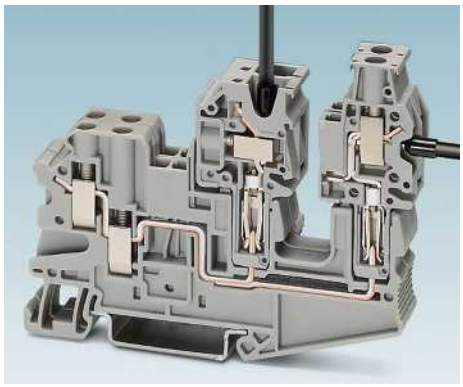
The COMBI system offers the highest levels of protection for users, as both the basic terminal blocks and the connectors are touch-proof. Alongside the safety aspect, this offers great flexibility for configuration work. The supply can be routed through the terminal blocks or connectors.



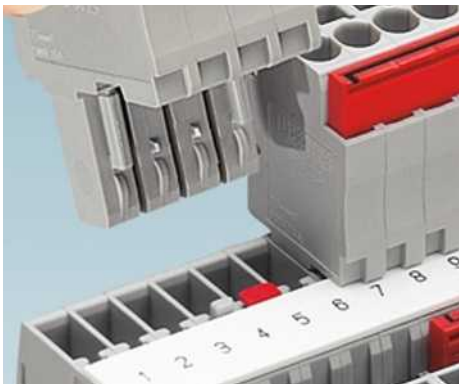
The standardized bridge system enables up to 50 terminal blocks to be connected with one bridge in an efficient manner suited to the application. Non-adjacent terminal blocks can be bridged by removing individual forks.



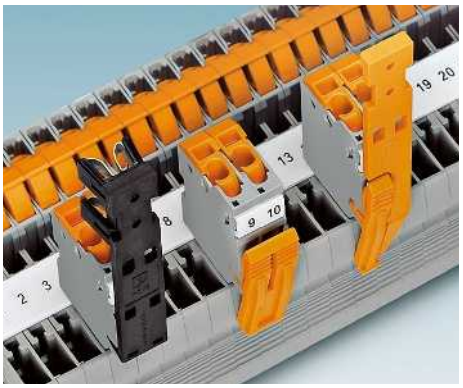
For measuring lines, a test plug with a 2.3 mm diameter is available. All measurement and testing can be carried out quickly using test adapters for 4 mm diameter test plugs and the alignable test plugs.



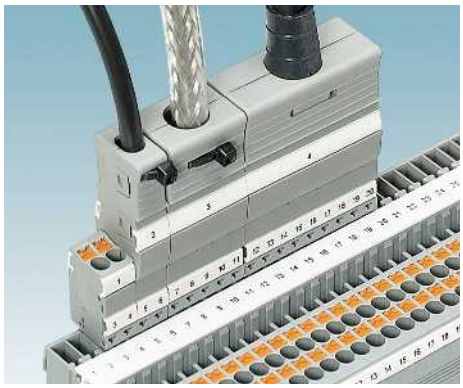
Connectors with different conductor output directions (to the side or upwards) allow for practical, efficient wiring. This results in great flexibility as required in various areas of application.



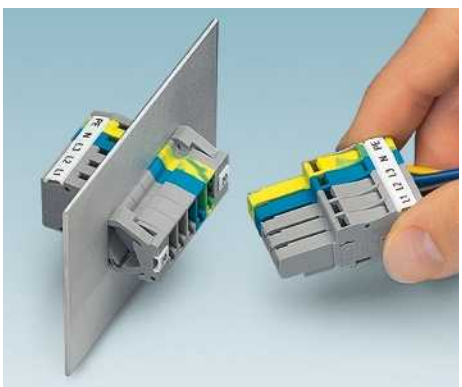
The simple and individual coding option increases wiring reliability and also protects against mismatching. To do this, the pin must be released from the connector, turned, and inserted in the basic terminal block.



Snap-on strain relief is available to relieve the strain on cables at the connectors. Latching is also available and can be used to permanently fix connectors to basic terminal blocks.



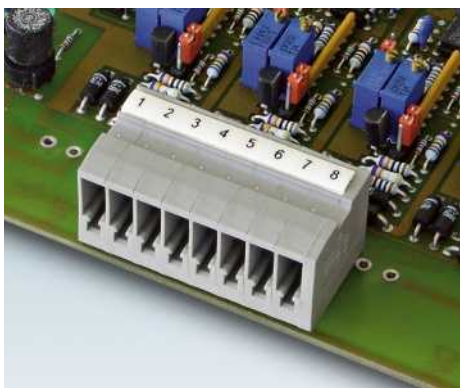
The cable housing provides robust strain relief. These housings are split in two, making them easy to fit and safe to latch onto the COMBI connectors provided. Anti-kink devices and overall shielding braids are available as accessories.



Panel feed-throughs can be produced efficiently by simply snapping the SSL panel feed-through onto the standard receptacle. The panel feed-through is slid into the cut-out and automatically latches into place.



A receptacle version which can be fitted on rails offers a solution for applications with a low build height. The integrated duo foot allows for mounting on both NS 15 and NS 35 DIN rails.



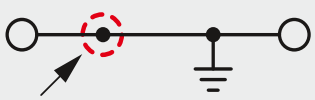
The COMBI header is an alignable PCB connection. Universal plug-in solutions from the DIN rail through to the device can therefore be implemented with the same connector.

General technical data for 1.5 mm² COMBI PT Push-in connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	1.5			
Cross section range	AWG	26 - 14			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	0.14 - 1
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plugged in	[mm²]	0.25 - 1.5	-	0.34 - 1.5	0.34 - 1
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



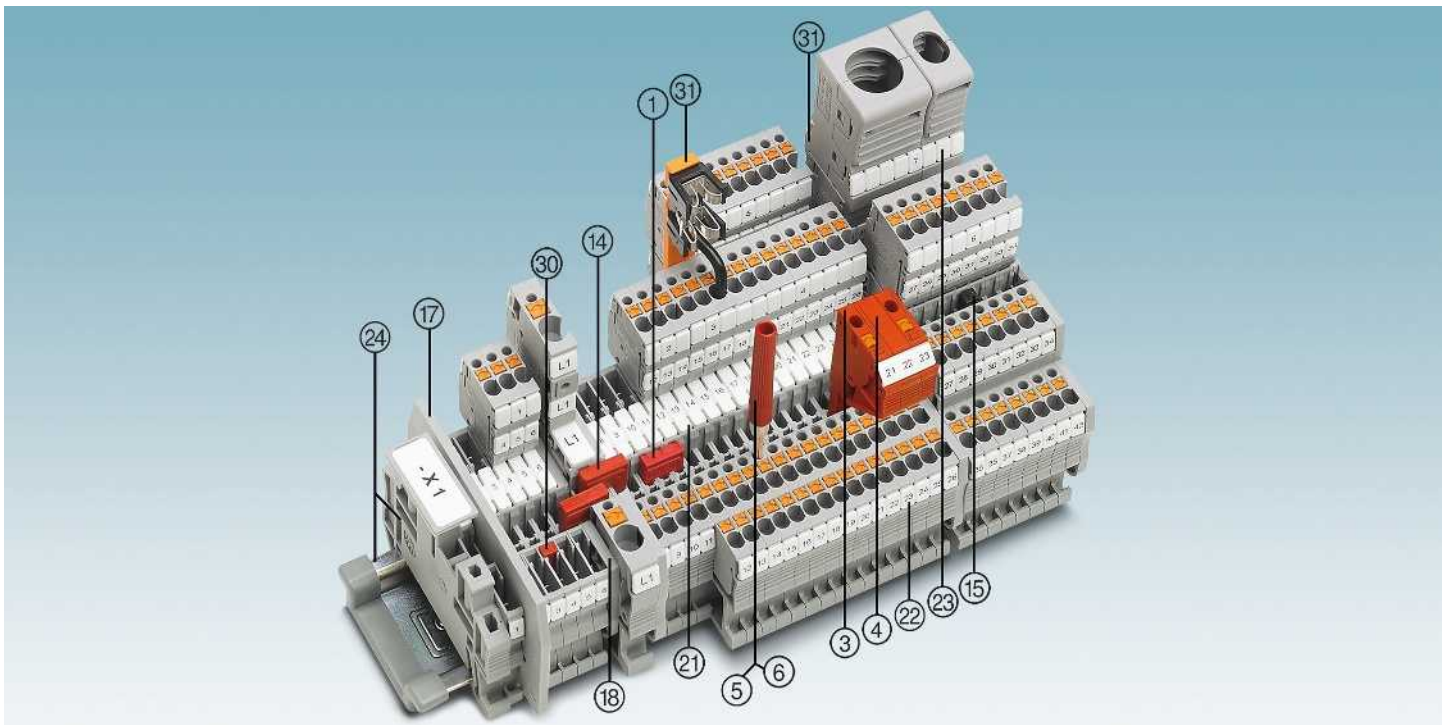
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 1.5 mm² COMBI PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-3,5**	3213014	50			
	3	red	**FBS 3-3,5**	3213027	50			
	4	red	**FBS 4-3,5**	3213030	50			
	5	red	**FBS 5-3,5**	3213043	50			
	10	red	**FBS 10-3,5**	3213056	50			
	20	red	**FBS 20-3,5**	3213069	50			
③ **Modular test plug**		red	**PS-3,5**	3031010	10			
④ **Spacer plate**		red	**DP PS-3,5**	3031011	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SZF 0-0,4X2,5**	1204504	10			

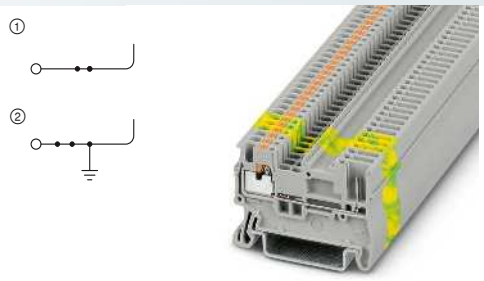
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS 1,5/S-PV ..., see page 398.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UCT-TM 3,5 or ZB 3,5. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UCT-TMF 3,5 or ZBF 3,5. See also Catalog 3, selection tables from page 68.**
㉓ **Lateral groove marking**	**UCT-TMF 3,5 or ZBF 3,5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

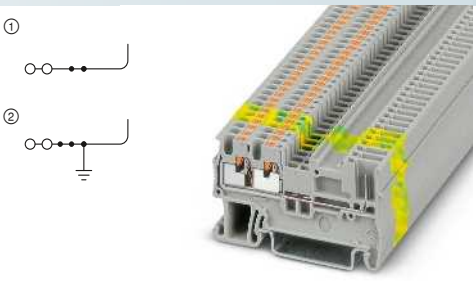
Notes:

[1]) For additional accessories and technical data, see page 278.

[2]) For derating curve, visit phoenixcontact.net/products



17.5 A, feed-through terminal block



17.5 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**3.5**	**46**	**32 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5[2])	**500**	**0.14 - 1.5**	**26-14**
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 1,5/S/1P**	①	3208582	50
	blue	**PT 1,5/S/1P BU**	①	3208595	50
Ground terminal	green-yellow	**PT 1,5/S/1P-PE**	②	3212332	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 1,5/S**	3208142	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**3.5**	**55**	**32 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5[2])	**500**	**0.14 - 1.5**	**26-14**
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PT 1,5/S-TWIN/1P	①	3212358	50
PT 1,5/S-TWIN/1P BU	①	3212361	50
PT 1,5/S-TWIN/1P-PE	②	3212374	50

Accessories[1])

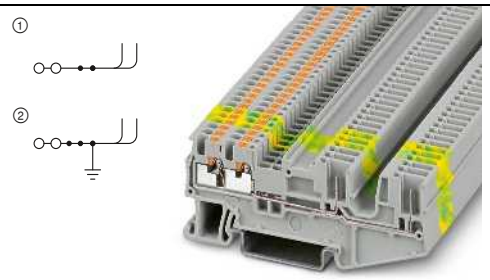
D-PT 1,5/S-TWIN	3208184	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

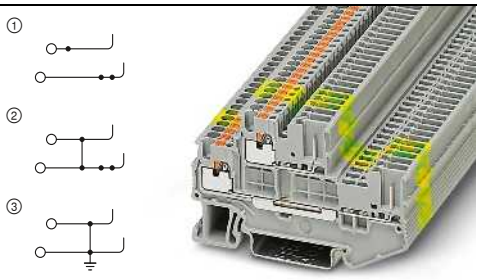
Notes:

[1]) For additional accessories and technical data, see page 278.

[2]) For derating curve, visit phoenixcontact.net/products



17.5 A, feed-through terminal block, 4 connections



16 A, double-level terminal block

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**3.5**	**78.5**	**32 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5[2])	**500**	**0.14 - 1.5**	**26-14**
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 1,5/S-QUATTRO/2P**	①	3212390	50
	blue	**PT 1,5/S-QUATTRO/2P BU**	①	3212400	50
With potential distribution	gray				
Ground terminal	green-yellow	**PT 1,5/S-QUATTRO/2P-PE**	②	3212413	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 1,5/S-QUATTRO/2P**	3212426	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**3.5**	**69.3**	**42.6 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16[2])	**500**	**0.14 - 1.5**	**26-14**
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	16[2]) / 1.5	15 / -	15 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PTTB 1,5/S/2P	①	3212439	50
PTTB 1,5/S/2P BU	①	3212442	50
PTTB 1,5/S/2P-PV	②	3212468	50
PTTB 1,5/S/2P-PE	③	3212455	50

Accessories[1])

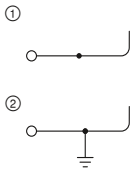
D-PTTB 1,5/S/2P	3212471	50

Mini feed-through terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 278.

[2]) For derating curve, visit phoenixcontact.net/products





17.5 A, mini feed-through terminal block

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**3.5**	**33.55**	**28.1 (NS 15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5[2])	**500**	**0.14 - 1.5**	**26-14**
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**MPT 1,5/S/1P**	①	3248115	50
	blue	**MPT 1,5/S/1P BU**	①	3248116	50
Ground terminal	green-yellow	**MPT 1,5/S/1P-PE**	②	3248117	50

Accessories[1])

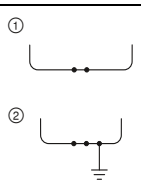
Cover, width: 2.2 mm	gray	**D-MPT 1,5/S**	3248120	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

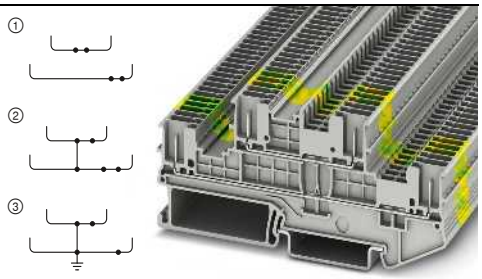
[1]) For additional accessories and technical data, see page 278.

[2]) For derating curve, visit phoenixcontact.net/products





17.5 A, feed-through terminal block



16 A, double-level terminal block

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**3.5**	**45.8**	**32 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5[2])	**500**	**0.14 - 1.5**	**-**
Maximum bridge current	[A]	17.5			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	-	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 1,5/S/2P**	①	3213784	50
	blue	**PT 1,5/S/2P BU**	①	3213797	50
With potential distribution	gray				
Ground terminal	green-yellow	**PT 1,5/S/2P-PE**	②	3213810	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 1,5/S**	3208142	50

Technical data[1])

Width	Length	Height	
3.5	**93.9**	**42.6 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16[2])	**500**	**0.14 - 1.5**	**-**
17.5			
IEC	UL / CUL	CSA	Ex
500	600	-	-
16[2]) / 1.5	15 / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PTTB 1,5/S/4P	①	3213865	50
PTTB 1,5/S/4P BU	①	3213878	50
PTTB 1,5/S/4P-PV	②	3213852	50
PTTB 1,5/S/4P-PE	③	3213881	50

Accessories[1])

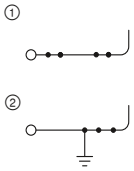
D-PTTB 1,5/S/4P	3213894	50	

Desk-design terminal blocks

Notes:

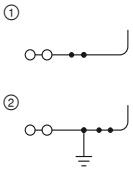
[1]) For additional accessories and technical data, see page 278.

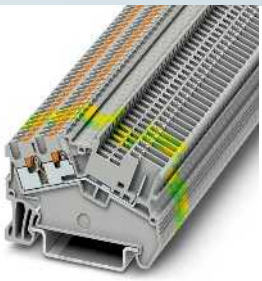
[2]) For derating curve, visit phoenixcontact.net/products





17.5 A, feed-through terminal block





17.5 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		3.5	50.7	38.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5[2])	500	0.14 - 1.5 / 26-14
Maximum bridge current	[A]	17.5		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / - / - / -

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		3.5	50.7	38.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5[2])	500	0.14 - 1.5 / 26-14
Maximum bridge current	[A]	17.5		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTS 1,5/S/1P**	①	3214453	50
	blue	**PTS 1,5/S/1P BU**	①	3214466	50
Ground terminal	green-yellow	**PTS 1,5/S/1P-PE**	②	3214479	50

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTS 1,5/S-TWIN/1P**	①	3214709	50
	blue	**PTS 1,5/S-TWIN/1P BU**	①	3214712	50
Ground terminal	green-yellow	**PTS 1,5/S-TWIN/1P-PE**	②	3214725	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTS 1,5/S**	3214576	50

Accessories[1])

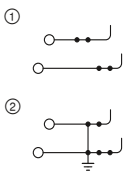
Cover, width: 2.2 mm	gray	**D-PTS 1,5/S**	3214576	50

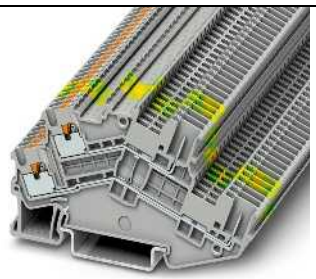
Desk-design terminal blocks

Notes:

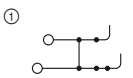
[1]) For additional accessories and technical data, see page 278.

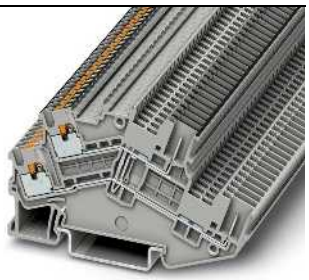
[2]) For derating curve, visit phoenixcontact.net/products





16 A, double-level terminal block





16 A, double-level terminal block with equipotential bonding

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		3.5	78	55 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		16[2])	500	0.14 - 1.5 / 26-14
Maximum bridge current	[A]	17.5		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	16[2]) / 1.5	15 / -	15 / - / - / -

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		3.5	78	55 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		16[2])	500	0.14 - 1.5 / 26-14
Maximum bridge current	[A]	17.5		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	16[2]) / 1.5	15 / -	15 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTBS 1,5/S/2P**	①	3214495	50
	blue	**PTTBS 1,5/S/2P BU**	①	3214505	50
	gray				
Ground terminal	green-yellow	**PTTBS 1,5/S/2P-PE**	②	3214518	50

Ordering data

Type		Order No.	Pcs./Pkt.
PTTBS 1,5/S/2P-PV	①	3214521	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PTTBS 1,5/S/2P**	3214534	50

Accessories[1])

D-PTTBS 1,5/S/2P		3214534	50

1.5 mm² COMBI PT plug-in connection solutions

Couplings

Notes:
1) For additional accessories and technical data, see page 278.
2) For derating curve, visit phoenixcontact.net/products



17.5 A, coupling



17.5 A, coupling, for self-assembly

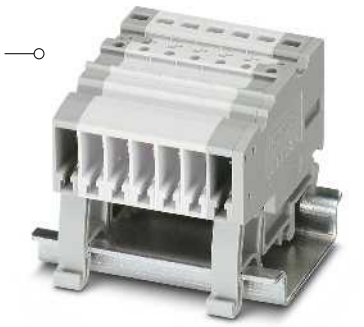
Technical data1)					Technical data1)			
Dimensions								
	[mm]	Width	Length	Height	Width	Length	Height	
		3.5 x Number of positions	**27**	**17.8**	**3.5 x Number of positions**	**27**	**17.8**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5²)	**500**	**0.14 - 1.5**	**26-14**	**17.5²)**	**500**	**0.14 - 1.5**	**26-14**
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5²) / 1.5	15 / -	15 / -	- / -	17.5²) / 1.5	15 / -	15 / -	- / -

Description	No. of pos.	Width	Color	Ordering data Type		Order No.	Pcs./Pkt.	Ordering data Type		Order No.	Pcs./Pkt.
COMBI coupling	2	7 mm	gray	**PPC 1,5/S/ 2**	①	3213386	50				
	3	10.5 mm	gray	**PPC 1,5/S/ 3**	①	3213399	50				
	4	14 mm	gray	**PPC 1,5/S/ 4**	①	3213409	50				
	5	17.5 mm	gray	**PPC 1,5/S/ 5**	①	3213412	50				
	6	21 mm	gray	**PPC 1,5/S/ 6**	①	3213425	25				
	7	24.5 mm	gray	**PPC 1,5/S/ 7**	①	3213438	25				
	8	28 mm	gray	**PPC 1,5/S/ 8**	①	3213441	25				
	9	31.5 mm	gray	**PPC 1,5/S/ 9**	①	3213454	25				
	10	35 mm	gray	**PPC 1,5/S/10**	①	3213467	25				
	11	38.5 mm	gray	**PPC 1,5/S/11**	①	3213470	10				
	12	42 mm	gray	**PPC 1,5/S/12**	①	3213483	10				
	13	45.5 mm	gray	**PPC 1,5/S/13**	①	3213496	10				
	14	49 mm	gray	**PPC 1,5/S/14**	①	3213506	10				
	15	52.5 mm	gray	**PPC 1,5/S/15**	①	3213519	10				
COMBI coupling, for self-assembly	1	3.5 mm	gray					**PPC 1,5/S/1-L**	①	3213357	50
	1	3.5 mm	blue					**PPC 1,5/S/1-L BU**	①	3213360	50
	1	3.5 mm	green-yellow					**PPC 1,5/S/1-L GNYE**	①	3213373	50

Accessories1)				Accessories1)			
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10	**MPS-IH RD**	0201676	10
Cover, width 3 mm	gray	**D-PPC 1,5/S**	3213690	50	**D-PPC 1,5/S**	3213690	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50	**PC**	3040588	50
Strain relief, for connector and coupling, 2-pos.	black	**PZ 1,5/S/2**	3212918	50	**PZ 1,5/S/2**	3212918	50
Cable housing, for PP–H 1,5... and PPC 1,5... 3-pos.	gray	**PH 1,5/S/3**	3212756	50	**PH 1,5/S/3**	3212756	50
4-pos.	gray	**PH 1,5/S/4**	3212769	50	**PH 1,5/S/4**	3212769	50
5-pos.	gray	**PH 1,5/S/5**	3212772	50	**PH 1,5/S/5**	3212772	50
6-pos.	gray	**PH 1,5/S/6**	3212785	25	**PH 1,5/S/6**	3212785	25
7-pos.	gray	**PH 1,5/S/7**	3212798	25	**PH 1,5/S/7**	3212798	25
8-pos.	gray	**PH 1,5/S/8**	3212808	25	**PH 1,5/S/8**	3212808	25
9-pos.	gray	**PH 1,5/S/9**	3212811	25	**PH 1,5/S/9**	3212811	25
10-pos.	gray	**PH 1,5/S/10**	3212824	25	**PH 1,5/S/10**	3212824	25
11-pos.	gray	**PH 1,5/S/11**	3212837	10	**PH 1,5/S/11**	3212837	10
12-pos.	gray	**PH 1,5/S/12**	3212840	10	**PH 1,5/S/12**	3212840	10
13-pos.	gray	**PH 1,5/S/13**	3212853	10	**PH 1,5/S/13**	3212853	10
14 pos.	gray	**PH 1,5/S/14**	3212866	10	**PH 1,5/S/14**	3212866	10
15-pos.	gray	**PH 1,5/S/15**	3212879	10	**PH 1,5/S/15**	3212879	10

Couplings

Notes:
1) For additional accessories and technical data, see page 278.
2) For derating curve, visit phoenixcontact.net/products



17.5 A, coupling for DIN rail mounting

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**3.5**	**43**	**28.3 (NS 35/7,5) / 28.3 (NS 15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5[2])	**500**	**0.14 - 1.5**	**26-14**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / -	- / -

Ordering data

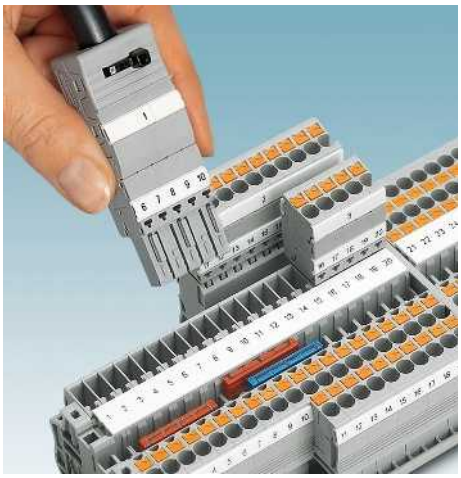
Description	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling	gray	**PPC 1,5/S-NS/1-L**	①	3213700	50

Accessories[1])

Cover, width 3 mm	gray	**D-PPC 1,5/S**		3213690	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**		3040588	50
Strain relief, for connector and coupling, 2-pos.	black	**PZ 1,5/S/2**		3212918	50

1.5 mm² COMBI PT plug-in connection solutions

COMBI connectors

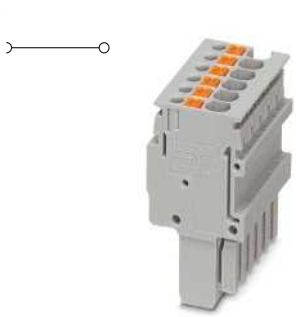


- Comprehensive, optional snap-on accessories available
- Practical coding facility
- Large marking option
- Robust cable housings are available for strain relief on connecting cables

Notes:

[1]) For additional accessories and technical data, see page 278.

[2]) For derating curve, visit phoenixcontact.net/products



17.5 A, connector, connection in plug-in direction

Technical data[1])

Dimensions			
Width	Length	Height	Height ins.
3.5 x Number of positions	**16.5**	**31.3**	**19.5**
[mm]			

Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5[2])	**500**	**0.14 - 1.5**	**26-14**

Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / -	- / -

Ordering data

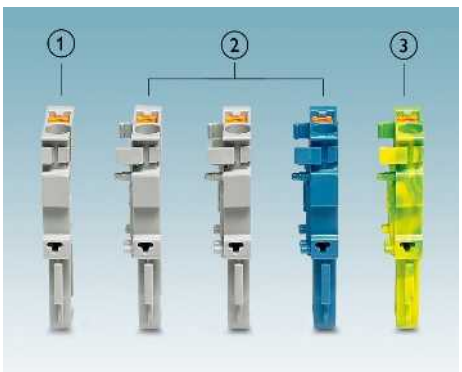
Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	3.5 mm	gray	**PP-H 1,5/S/1**	①	3212484	50
	2	7 mm	gray	**PP-H 1,5/S/2**	①	3212510	50
	3	10.5 mm	gray	**PP-H 1,5/S/3**	①	3212523	50
	4	14 mm	gray	**PP-H 1,5/S/4**	①	3212536	50
	5	17.5 mm	gray	**PP-H 1,5/S/5**	①	3212549	50
	6	21 mm	gray	**PP-H 1,5/S/6**	①	3212552	25
	7	24.5 mm	gray	**PP-H 1,5/S/7**	①	3212565	25
	8	28 mm	gray	**PP-H 1,5/S/8**	①	3212578	25
	9	31.5 mm	gray	**PP-H 1,5/S/9**	①	3212581	25
	10	35 mm	gray	**PP-H 1,5/S/10**	①	3212594	25
	11	38.5 mm	gray	**PP-H 1,5/S/11**	①	3212604	10
	12	42 mm	gray	**PP-H 1,5/S/12**	①	3212617	10
	13	45.5 mm	gray	**PP-H 1,5/S/13**	①	3212620	10
	14	49 mm	gray	**PP-H 1,5/S/14**	①	3212633	10
	15	52.5 mm	gray	**PP-H 1,5/S/15**	①	3212646	10
	1	3.5 mm	blue	**PP-H 1,5/S/1 BU**	①	3212497	50
	1	3.5 mm	green-yellow	**PP-H 1,5/S/1 GNYE**	①	3212507	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ 1,5/S**	3212905	50
Latching, for connectors, 1-pos.	orange	**PR 1,5/S**	3212882	50
2-pos.	orange	**PR 1,5/S/2**	3212895	50
Strain relief, for connector and coupling, 2-pos.	black	**PZ 1,5/S/2**	3212918	50
Cable housing, for PP–H 1,5... and PPC 1,5... 3-pos.	gray	**PH 1,5/S/3**	3212756	50
4-pos.	gray	**PH 1,5/S/4**	3212769	50
5-pos.	gray	**PH 1,5/S/5**	3212772	50
6-pos.	gray	**PH 1,5/S/6**	3212785	25
7-pos.	gray	**PH 1,5/S/7**	3212798	25
8-pos.	gray	**PH 1,5/S/8**	3212808	25
9-pos.	gray	**PH 1,5/S/9**	3212811	25
10-pos.	gray	**PH 1,5/S/10**	3212824	25
11-pos.	gray	**PH 1,5/S/11**	3212837	10
12-pos.	gray	**PH 1,5/S/12**	3212840	10
13-pos.	gray	**PH 1,5/S/13**	3212853	10
14 pos.	gray	**PH 1,5/S/14**	3212866	10
15-pos.	gray	**PH 1,5/S/15**	3212879	10

COMBI connectors for self-assembly

- The Push-in COMBI connectors for self-assembly provide solutions that users can implement themselves
- Robust cable housings are available for strain relief on connecting cables
- The connector is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together
  ① PP–H 1,5/S/1-L
  ② PP–H 1,5/S/1-M and PP–H 1,5/S/1-M BU
  ③ PP–H 1,5/S/1-R GNYE



Notes:

[1]) For additional accessories and technical data, see page 278.

[2]) For derating curve, visit phoenixcontact.net/products

For more cable housings, see page 367.



17.5 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height	Height ins.
		3.5 x Number of positions	**16.5**	**31.3**	**19.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5[2])	**500**	**0.14 - 1.5**	**26-14**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	15 / -	15 / -	- / -

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
COMBI connector, left element	1	gray	**PP-H 1,5/S/1-L**	①	3212659	50
	1	blue	**PP-H 1,5/S/1-L BU**	①	3212662	50
	1	green-yellow	**PP-H 1,5/S/1-L GNYE**	①	3212675	50
COMBI connector, center element	1	gray	**PP-H 1,5/S/1-M**	①	3212688	50
	1	blue	**PP-H 1,5/S/1-M BU**	①	3212691	50
	1	green-yellow	**PP-H 1,5/S/1-M GNYE**	①	3212701	50
COMBI connector, right element	1	gray	**PP-H 1,5/S/1-R**	①	3212714	50
	1	blue	**PP-H 1,5/S/1-R BU**	①	3212727	50
	1	green-yellow	**PP-H 1,5/S/1-R GNYE**	①	3212730	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ 1,5/S**	3212905	50
Latching, for connectors, 1-pos.	orange	**PR 1,5/S**	3212882	50
2-pos.	orange	**PR 1,5/S/2**	3212895	50
Strain relief, for connector and coupling, 2-pos.	black	**PZ 1,5/S/2**	3212918	50
Cable housing, for PP–H 1,5... and PPC 1,5... 3-pos.	gray	**PH 1,5/S/3**	3212756	50
4-pos.	gray	**PH 1,5/S/4**	3212769	50
5-pos.	gray	**PH 1,5/S/5**	3212772	50
6-pos.	gray	**PH 1,5/S/6**	3212785	25
7-pos.	gray	**PH 1,5/S/7**	3212798	25
8-pos.	gray	**PH 1,5/S/8**	3212808	25
9-pos.	gray	**PH 1,5/S/9**	3212811	25
10-pos.	gray	**PH 1,5/S/10**	3212824	25
11-pos.	gray	**PH 1,5/S/11**	3212837	10
12-pos.	gray	**PH 1,5/S/12**	3212840	10
13-pos.	gray	**PH 1,5/S/13**	3212853	10
14 pos.	gray	**PH 1,5/S/14**	3212866	10
15-pos.	gray	**PH 1,5/S/15**	3212879	10

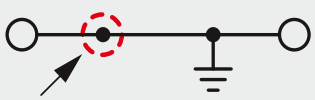
2.5 mm² COMBI PT plug-in connection solutions

General technical data for 2.5 mm² COMBI PT Push-in connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 2.5	0.14 - 2.5	0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5
Connection cross sections directly plugged in	[mm²]	0.34 - 4	-	0.34 - 2.5	0.34 - 2.5
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



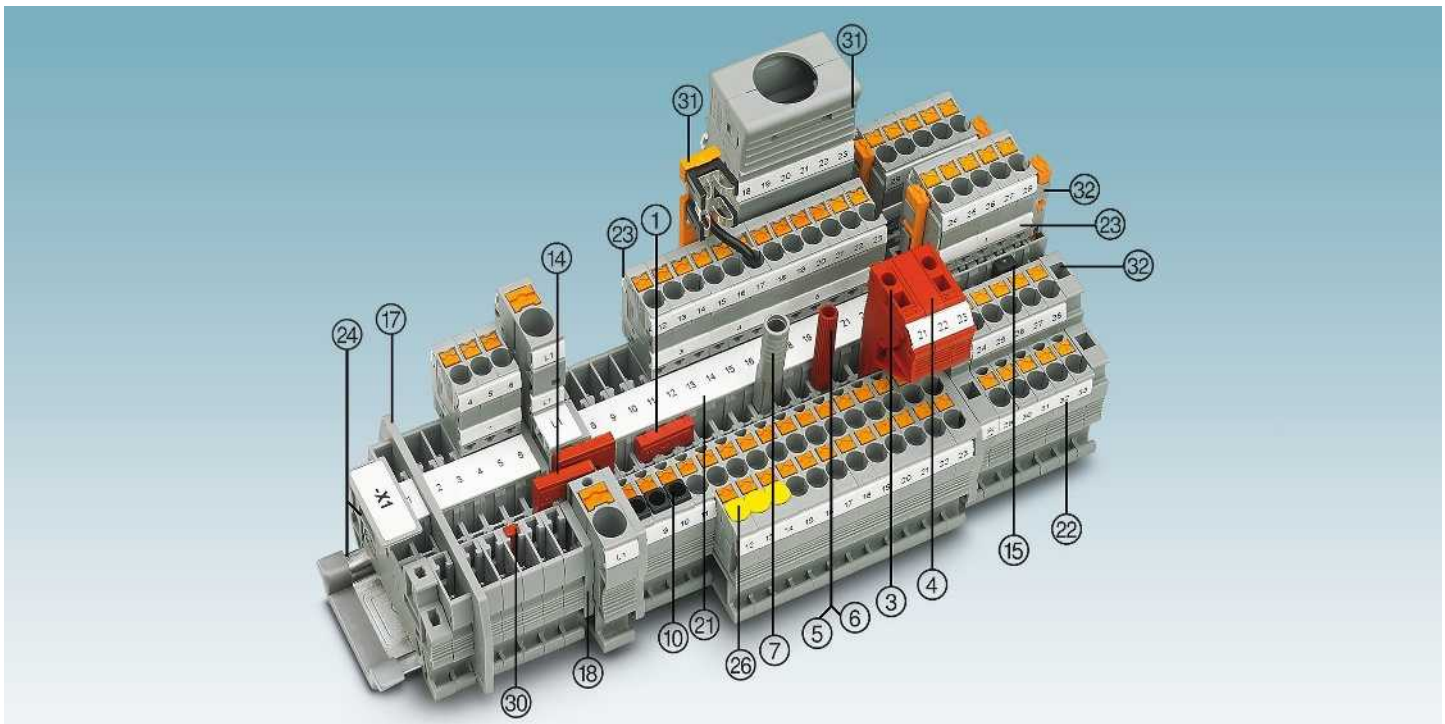
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² COMBI PT Push-in connection terminal blocks

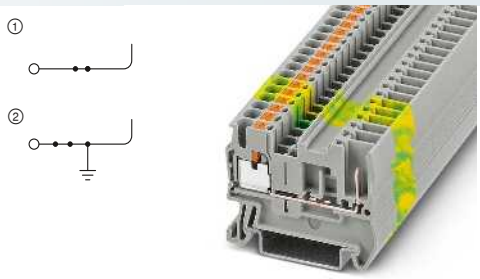


Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50	**FBSR 2-5**	3033702	50
	3	red	**FBS 3-5**	3030174	50	**FBSR 3-5**	3001591	50
	4	red	**FBS 4-5**	3030187	50	**FBSR 4-5**	3001592	50
	5	red	**FBS 5-5**	3030190	50	**FBSR 5-5**	3001593	50
	10	red	**FBS 10-5**	3030213	10	**FBSR 10-5**	3033710	10
	20	red	**FBS 20-5**	3030226	10			
③ **Modular test plug**		red	**PS-5**	3030983	10			
④ **Spacer plate**		red	**DP PS-5**	3036725	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve**		white	**ISH 2,5/0,2**	3002843	50			
0.25 - 0.5 mm²		gray	**ISH 2,5/0,5**	3002856	50			
0.75 - 1 mm²		black	**ISH 2,5/1,0**	3002869	50			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

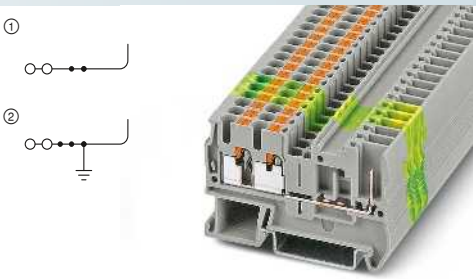
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS-PV ..., see page 398.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉓ **Lateral groove marking**	**UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉖ **Cover for conductor shaft**	**For CEC ..., see page 407.**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
㉜ **Screw flanges, screw flange cover**	**See from page 370.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
1) For additional accessories and technical data, see page 286.
2) For derating curve, visit phoenixcontact.net/products
For screw flange, see page 370.
For self-locking flange, see page 369.



24 A, feed-through terminal block



24 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**48.5**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 2,5/1P**	①	3210033	50
	blue	**PT 2,5/1P BU**	①	3210046	50
Ground terminal	green-yellow	**PT 2,5/1P-PE**	②	3210059	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**60.5**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

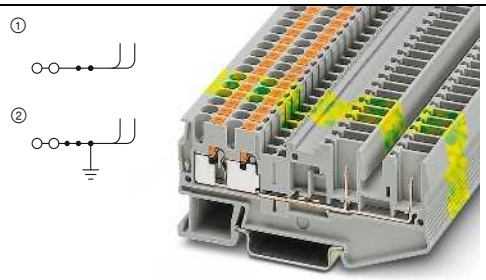
Type		Order No.	Pcs./Pkt.
PT 2,5-TWIN/1P	①	3209633	50
PT 2,5-TWIN/1P BU	①	3209646	50
PT 2,5-TWIN/1P-PE	②	3209659	50

Accessories[1])

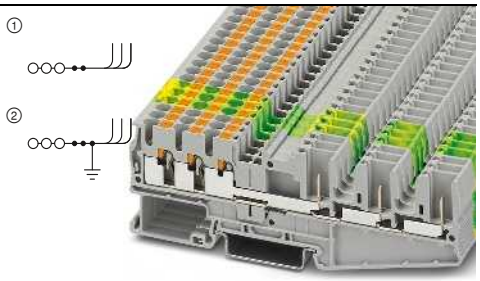
D-ST 2,5-TWIN	3030488	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
1) For additional accessories and technical data, see page 286.
2) For derating curve, visit phoenixcontact.net/products
For screw flange, see page 370.
For self-locking flange, see page 369.



24 A, feed-through terminal block, 4 connections



24 A, feed-through terminal block, 6 connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**81**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 2,5-QUATTRO/2P**	①	3209662	50
	blue	**PT 2,5-QUATTRO/2P BU**	①	3209675	50
Ground terminal	green-yellow	**PT 2,5-QUATTRO/2P-PE**	②	3209688	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO/ 2P**	3040083	50
Spacer plate, width: 5.2 mm	orange			

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**5.2**	**111.2**	**36.8 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	-	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	- / -	- / -

Ordering data

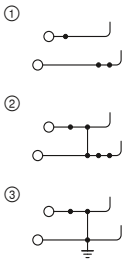
Type		Order No.	Pcs./Pkt.
PT 2,5-HEXA/3P	①	3040044	50
PT 2,5-HEXA/3P BU	①	3040048	50
PT 2,5-HEXA/3P-PE	②	3040052	50

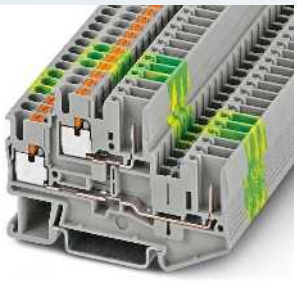
Accessories[1])

D-PT 2,5-HEXA/3P	3040058	50
DP-PT 2,5-HEXA/3P	3040060	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
1) For additional accessories and technical data, see page 286.
2) For derating curve, visit phoenixcontact.net/products
For screw flange, see page 370.
For self-locking flange, see page 369.





22 A, double-level terminal block

cULus EAC DNV GL Lloyd's Register ClassNK

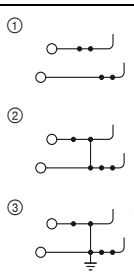
Technical data[1]			
Dimensions			
Width	Length	Height	
5.2	**71.5**	**47.5 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
22[2]	**500**	**0.14 - 4**	**24-12**
Maximum bridge current		20 (FBS) / 17.5 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	300	-
Nominal current / cross section [A] / [mm²]	22[2] / 2.5	20 / -	20 / -	- / -

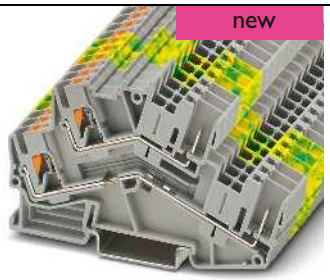
Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTB 2,5/2P**	①	3210871	50
	blue	**PTTB 2,5/2P BU**	①	3210884	50
With potential distribution	gray	**PTTB 2,5/2P-PV**	②	3210907	50
Ground terminal	green-yellow	**PTTB 2,5/2P-PE**	③	3210897	50

Accessories[1]			
Cover, width: 2.2 mm	gray	**D-STTB 2,5/ 2P**	3040096	50

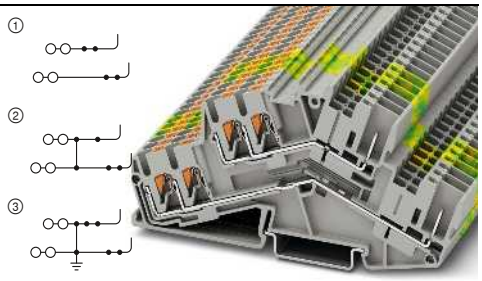
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
1) For additional accessories and technical data, see page 286.
2) For derating curve, visit phoenixcontact.net/products





22 A, double-level terminal block, desk design



18 A, double-level terminal block, desk design

cULus Lloyd's Register

cULus DNV GL Lloyd's Register

Technical data[1]			
Dimensions			
Width	Length	Height	
5.2	**92.6**	**55 (NS 35/7,5)**	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
22[2]	**800**	**0.14 - 4**	**26-12**
Maximum bridge current		20 (FBS) / 17.5 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	-	-
Nominal current / cross section [A] / [mm²]	22[2] / 2.5	20 / -	- / -	- / -

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PTTBS 2,5/2P**	①	3211260	50
	blue	**PTTBS 2,5/2P BU**	①	3211261	50
With potential distribution	gray	**PTTBS 2,5/2P-PV**	②	3211262	50
Ground terminal	green-yellow	**PTTBS 2,5/2P-PE**	③	3211263	50

Accessories[1]			
Cover, width: 2.2 mm	gray	**D-PTTBS 2,5/2P**	3211264	50

Technical data[1]			
Width	Length	Height	
5.2	**111.8**	**55 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
18[2]	**500**	**0.14 - 4**	**26-12**
20 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	600	-
18[2] / 2.5	20 / -	20 / -	- / -

Type		Order No.	Pcs./Pkt.
PTTBS 2,5-TWIN/2P	①	3210604	50
PTTBS 2,5-TWIN/2P BU	①	3210605	50
PTTBS 2,5-TWIN/2P-PV	②	3210607	50
PTTBS 2,5-TWIN/2P-PE	③	3210606	50

Accessories[1]		
D-PTTBS 2,5-TWIN	3210608	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 286.

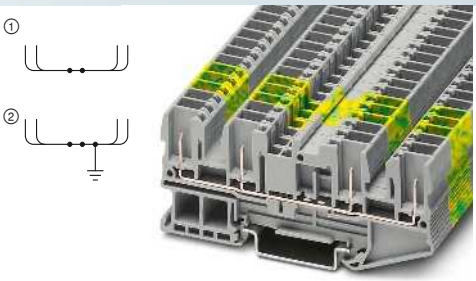
[2]) For derating curve, visit phoenixcontact.net/products

For screw flange, see page 370.

For self-locking flange, see page 369.



24 A, feed-through terminal block



24 A, feed-through terminal block, 4 connections

		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**5.2**	**49.1**	**36.5 (NS 35/7,5)**		**5.2**	**89.5**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.08 - 4**	**-**	**24[2])**	**500**	**0.08 - 4**	**-**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)				24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-	500	600	-	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -	24[2]) / 2.5	20 / -	- / -	- / -
Cross section range	AWG	28 - 12	-	-	-	28 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5

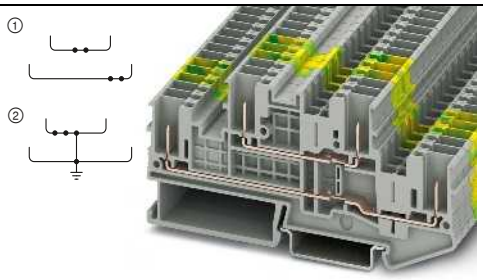
Description	Color	Ordering data Type		Order No.	Pcs./Pkt.	Ordering data Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5/2P**	①	3042133	50	**ST 2,5-QUATTRO/4P**	①	3042159	50
	blue	**ST 2,5/2P BU**	①	3042094	50	**ST 2,5-QUATTRO/4P BU**	①	3042081	50
Ground terminal	green-yellow	**ST 2,5/2P-PE**	②	3042146	50	**ST 2,5-QUATTRO/4P-PE**	②	3042162	50
		Accessories[1])				Accessories[1])			
Cover, width: 2.2 mm	gray	**D-ST 2,5**		3030417	50	**D-ST 2,5-QUATTRO/4P**		3042175	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

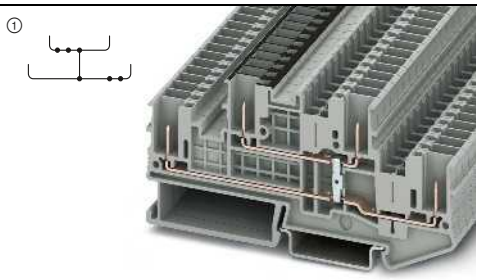
Notes:

[1]) For additional accessories and technical data, see page 286.

[2]) For derating curve, visit phoenixcontact.net/products



22 A, double-level terminal block



22 A, double-level terminal block with equipotential bonding

		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**5.2**	**98.8**	**47.5 (NS 35/7,5)**		**5.2**	**98.8**	**47.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		22[2])	**500**	**0.08 - 4**	**-**	**22[2])**	**500**	**0.08 - 4**	**-**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)				24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-	500	600	600	-
Nominal current / cross section	[A] / [mm²]	22[2]) / 2.5	20 / -	20 / -	- / -	22[2]) / 2.5	20 / -	20 / -	- / -
Cross section range	AWG	28 - 12	-	-	-	28 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.	Ordering data Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STTB 2,5/4P**	①	3061486	50				
	blue	**STTB 2,5/4P BU**	①	3061512	50				
	gray					**STTB 2,5/4P-PV**	①	3061509	50
Ground terminal	green-yellow	**STTB 2,5/4P-PE**	②	3061499	50				
		Accessories[1])				Accessories[1])			
Cover, width: 2.2 mm	gray	**D-STTB 2,5/4P**		3061538	50	**D-STTB 2,5/4P**		3061538	50

2.5 mm² COMBI PT plug-in connection solutions

Four-level terminal blocks

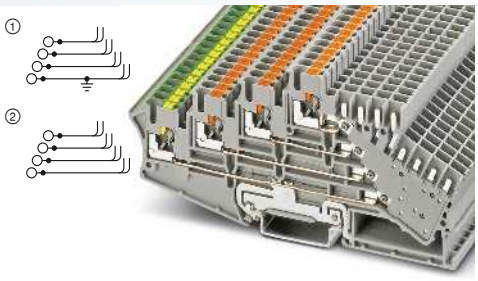
Notes:

[1]) For additional accessories and technical data, see page 286.

[2]) For derating curve, visit phoenixcontact.net/products



10 A, four-level terminal block



10 A, four-level terminal block with PE foot

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
5.2	**105.6**	**59 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10[2])	**250**	**0.14 - 4**	**-**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
250	-	-	-
10[2]) / 1.5	- / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 2,5-4L/1P**	①	3012300	50
Terminal block, with PE foot	gray				
Terminal block, with two plug-in connections	gray				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-PT 2,5-4L/1P**	3012301	10
Self-locking flange, can be labeled with UC-TM	gray	**PT 2,5-4L/1P-FS**	3012302	10
Screw flange, can be marked with UC-TM	gray	**PT 2,5-4L/1P-F**	3012326	10

Technical data[1])

Width	Length	Height	
5.2	**125**	**59 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10[2])	**250**	**0.14 - 4**	**-**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
250	-	-	-
10[2]) / 1.5	- / -	- / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PT 2,5-PE/3L/2P	①	3012316	50
PT 2,5-4L/2P	②	3012310	50

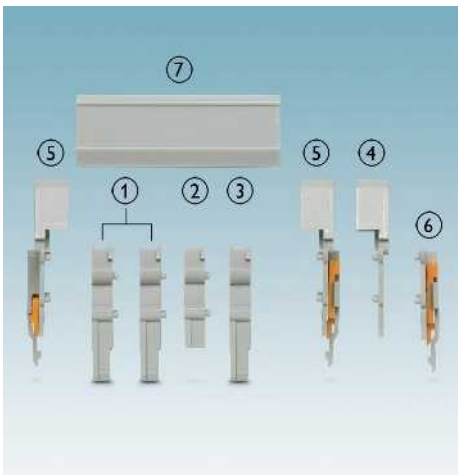
Accessories[1])

D-PT 2,5-4L/2P	3012311	10
PT 2,5-4L/2P-FS	3012312	10

Connector housing for four-level terminal blocks

Notes:

In order to crimp STG-MTN... modular socket contacts, the CRIMPFOX MT 2,5 (Order No. 1204038) must be used.



① 4-pos. connector with CP−H 2,5-4L-Z engagement pin
② DP-CP-H 2,5-4L spacer plate
③ CP-H 2,5-4L 4-pos. connector
④ D-CP-H 2,5-4L cover profile carrier
⑤ DFS-CP-H 2,5-4L cover profile carrier with self-locking flange cover
⑥ DFS-CP 2,5-4L self-locking flange cover
⑦ AP-CP-H cover profile



Connector housing, for accommodating four socket contacts

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Connector housing, for accommodating 4 socket contacts	gray	**CP-H 2,5-4L**	3012313	50
	gray	**CP-H 2,5-4L-PE**	3012323	50
Connector housing with engagement pin	gray	**CP-H 2,5-4L-Z**	3012314	50
	gray	**CP-H 2,5-4L-Z-PE**	3012324	50

Accessories

Self-locking flange, can be marked with UC-TM	gray	**PT 2,5-4L/1P-FS**	3012302	10
	gray	**PT 2,5-4L/2P-FS**	3012312	10
Spacer plate	gray	**DP-CP-H 2,5-4L**	3012319	50
Cover profile, 1 m, can be marked with UC-TM ...	gray	**AP-CP-H METER**	3012315	10
Cover profile carrier	gray	**D-CP-H 2,5-4L**	3012320	50
Cover profile carrier, with self-locking flange cover	gray	**DFS-CP-H 2,5-4L**	3012317	50
Self-locking flange cover	gray	**DFS-CP 2,5-4L**	3012321	50
Screw flange cover	gray	**DF-CP 2,5-4L**	3012327	10
Module socket contact, 0.5 - 1 mm²	silver	**STG-MTN 0,5-1,0**	3190438	100
for conductors from 1.5 ... 2.5 mm²	silver	**STG-MTN 1,5-2,5**	3190506	100

Couplings

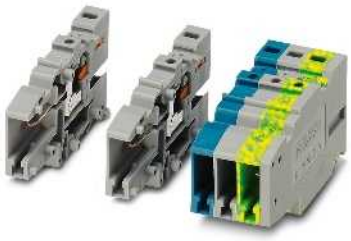
Notes:
1) For additional accessories and technical data, see page 286.
2) For derating curve, visit phoenixcontact.net/products

new



24 A, coupling

new



24 A, coupling, for self-assembly

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2 x Number of positions	**20.5**	**41**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.14 - 4**	**26-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 2.5	-	0.14 - 2.5
Connection cross sections directly plugged in	[mm²]	0.34 - 4	-	0.34 - 2.5	0.5 - 2.5

Technical data[1])

Width	Length	Height	
5.2 x Number of positions	**20.5**	**41**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	**500**	**0.14 - 4**	**26-12**
IEC	UL / CUL	CSA	Ex
500	300	300	-
24[2]) / 2.5	20 / -	20 / -	- / -
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 4	0.14 - 2.5	-	0.14 - 2.5
0.34 - 4	-	0.34 - 2.5	0.5 - 2.5

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling	2	10.4 mm	gray	**PPC 2,5/2**	①	3000656	50
	3	15.4 mm	gray	**PPC 2,5/3**	①	3000657	50
	4	20.6 mm	gray	**PPC 2,5/4**	①	3000658	50
	5	25.7 mm	gray	**PPC 2,5/5**	①	3000659	50
	6	30.9 mm	gray	**PPC 2,5/6**	①	3000660	25
	7	36 mm	gray	**PPC 2,5/7**	①	3000661	25
	8	41.2 mm	gray	**PPC 2,5/8**	①	3000662	25
	9	46.3 mm	gray	**PPC 2,5/9**	①	3000663	25
	10	51.5 mm	gray	**PPC 2,5/10**	①	3000664	25
	11	56.6 mm	gray	**PPC 2,5/11**	①	3000665	10
	12	61.8 mm	gray	**PPC 2,5/12**	①	3000666	10
	13	66.9 mm	gray	**PPC 2,5/13**	①	3000667	10
	14	72.1 mm	gray	**PPC 2,5/14**	①	3000668	10
	15	77.2 mm	gray	**PPC 2,5/15**	①	3000669	10
COMBI coupling, for self-assembly	1	5.2 mm	gray	**PPC 2,5/1-L**	①	3000653	50
	1	5.2 mm	blue	**PPC 2,5/1-L BU**	①	3000654	50
	1	5.2 mm	green-yellow	**PPC 2,5/1-L GNYE**	①	3000655	50

Ordering data

Type	Order No.	Pcs./Pkt.

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Cover, width: 2.2 mm	gray	**D-PPC 2,5**	3000671	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50

Accessories[1])

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-PPC 2,5	3000671	50
PC	3040588	50

2.5 mm² COMBI PT plug-in connection solutions

Couplings

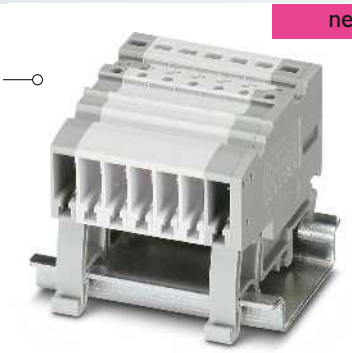
Notes:

[1]) For additional accessories and technical data, see page 286.

[2]) For derating curve, visit phoenixcontact.net/products

new

①



24 A, coupling for DIN rail mounting



Panel feed-through

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**5.2**	**41**	**35.2 (NS 35/7,5) / 34.7 (NS 15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.14 - 4**	**26-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 2.5	-	0.14 - 2.5
Connection cross sections directly plugged in	[mm²]	0.34 - 4	-	0.34 - 2.5	0.5 - 2.5

		Ordering data		
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
COMBI coupling	gray	**PPC 2,5-NS/1-L** ①	3000652	50
Panel feed-through, for snapping on to couplings, 1 SSL 2,5 consists of a left-hand and a right-hand element, for metal thicknesses of 0.8 - 3 mm	gray			

		Accessories[1])		
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Cover, width: 2.2 mm	gray	**D-PPC 2,5**	3000671	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50

		Technical data[1])			
		Width	Length	Height	
		5.2	**-**		
				max. Ø [mm²]	AWG (UL)
				-	**-**
		IEC	UL / CUL	CSA	Ex
		-	-	-	-
		-	- / -	- / -	- / -
		solid	stranded	Ferrule without/with plastic sleeve	
		-	-	-	-
		-	-	-	-

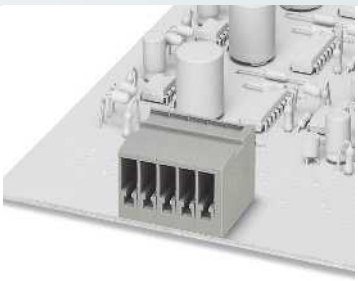
		Ordering data		
		Type	**Order No.**	Pcs./Pkt.
		SSL 2,5	3043815	50

		Accessories[1])		
		MPS-MT	0201744	10
		MPS-IH RD	0201676	10
		PC	3040588	50

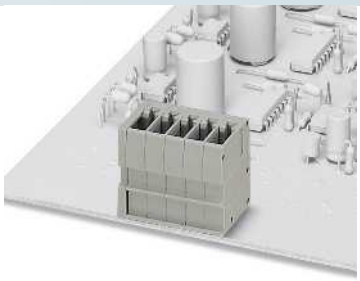
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



24 A, header, horizontal plug-in direction



24 A, header, vertical plug-in direction

Technical data

Dimensions					
	[mm]	Width	Length	Height	
		10.4	**21.7**	**18.1**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500**	**-**	**-**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	- / -	- / -
Rated cross section	[mm²]	2.5			
General data					
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	10.4 mm	gray	**ST 2,5-PCB/ 2-G-5,2**	1980378	50
	3	15.6 mm	gray	**ST 2,5-PCB/ 3-G-5,2**	1980381	50
	4	20.8 mm	gray	**ST 2,5-PCB/ 4-G-5,2**	1980394	50
	5	26 mm	gray	**ST 2,5-PCB/ 5-G-5,2**	1980404	50
	6	31.2 mm	gray	**ST 2,5-PCB/ 6-G-5,2**	1980417	50
	7	36.4 mm	gray	**ST 2,5-PCB/ 7-G-5,2**	1980420	50
	8	41.6 mm	gray	**ST 2,5-PCB/ 8-G-5,2**	1980433	50
	9	46.8 mm	gray	**ST 2,5-PCB/ 9-G-5,2**	1980446	50
	10	52 mm	gray	**ST 2,5-PCB/10-G-5,2**	1980459	50
	11	57.2 mm	gray	**ST 2,5-PCB/11-G-5,2**	1980462	50
	12	62.4 mm	gray	**ST 2,5-PCB/12-G-5,2**	1980475	50

Technical data

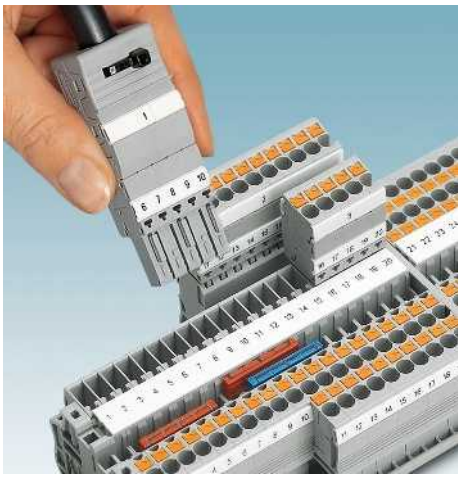
Width	Length	Height	
10.4	**18.1**	**21.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**-**	**-**
IEC	UL / CUL	CSA	Ex
500	300	-	-
24 / 2.5	15 / -	- / -	- / -
2.5			
PA			
V0			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	10.4 mm	gray	**ST 2,5-PCBV/ 2-G-5,2**	1980488	50
	3	15.6 mm	gray	**ST 2,5-PCBV/ 3-G-5,2**	1980491	50
	4	20.8 mm	gray	**ST 2,5-PCBV/ 4-G-5,2**	1980501	50
	5	26 mm	gray	**ST 2,5-PCBV/ 5-G-5,2**	1980514	50
	6	31.2 mm	gray	**ST 2,5-PCBV/ 6-G-5,2**	1980527	50
	7	36.4 mm	gray	**ST 2,5-PCBV/ 7-G-5,2**	1980530	50
	8	41.6 mm	gray	**ST 2,5-PCBV/ 8-G-5,2**	1980543	50
	9	46.8 mm	gray	**ST 2,5-PCBV/ 9-G-5,2**	1980556	50
	10	52 mm	gray	**ST 2,5-PCBV/10-G-5,2**	1980569	50
	11	57.2 mm	gray	**ST 2,5-PCBV/11-G-5,2**	1980572	50
	12	62.4 mm	gray	**ST 2,5-PCBV/12-G-5,2**	1980585	50

2.5 mm² COMBI PT plug-in connection solutions

COMBI connectors



- Comprehensive, optional snap-on accessories available
- Practical coding facility
- Large marking option
- Robust cable housings are available for strain relief on connecting cables

Notes:

[1]) For additional accessories and technical data, see page 286.

[2]) For derating curve, visit phoenixcontact.net/products

① ——○



24 A, connector, connection in plug-in direction

cULus EAC DNV GL Lloyd's Register ClassNK

Technical data[1])

Dimensions			
	Width	Length	Height	Height ins.
[mm]	**5.2 x Number of positions**	**15.8**	**40.2**	**24**
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24[2])	**500**	**0.14 - 4**	**26-12**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	300	-
Nominal current / cross section [A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

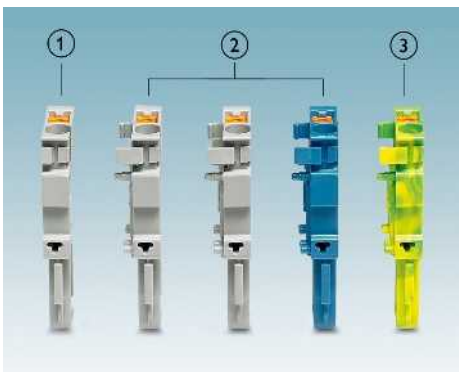
Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	**PP-H 2,5/ 1**	①	3209866	50
	2	10.4 mm	gray	**PP-H 2,5/ 2**	①	3209879	50
	3	15.6 mm	gray	**PP-H 2,5/ 3**	①	3209882	50
	4	20.8 mm	gray	**PP-H 2,5/ 4**	①	3209895	50
	5	26 mm	gray	**PP-H 2,5/ 5**	①	3209905	50
	6	31.2 mm	gray	**PP-H 2,5/ 6**	①	3209918	25
	7	36.4 mm	gray	**PP-H 2,5/ 7**	①	3209921	25
	8	41.6 mm	gray	**PP-H 2,5/ 8**	①	3209934	25
	9	46.8 mm	gray	**PP-H 2,5/ 9**	①	3209947	25
	10	52 mm	gray	**PP-H 2,5/10**	①	3209950	25
	11	57.2 mm	gray	**PP-H 2,5/11**	①	3209963	10
	12	62.4 mm	gray	**PP-H 2,5/12**	①	3209976	10
	13	67.6 mm	gray	**PP-H 2,5/13**	①	3209989	10
	14	72.8 mm	gray	**PP-H 2,5/14**	①	3209992	10
	15	78 mm	gray	**PP-H 2,5/15**	①	3210004	10
	1	5.2 mm	blue	**PP-H 2,5/ 1 BU**	①	3210017	50
	1	5.2 mm	green-yellow	**PP-H 2,5/ 1 GNYE**	①	3210020	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray	**DF-SP-H 2,5**	3209824	50
Cable housing, for SP-H ... and PP-H ... COMBI connectors, 2-pos.	gray	**PH 2,5/ 2**	3209691	50
3-pos.	gray	**PH 2,5/ 3**	3209701	50
4-pos.	gray	**PH 2,5/ 4**	3209714	50
5-pos.	gray	**PH 2,5/ 5**	3209727	50
6-pos.	gray	**PH 2,5/ 6**	3209730	25
7-pos.	gray	**PH 2,5/ 7**	3209743	25
8-pos.	gray	**PH 2,5/ 8**	3209756	25
9-pos.	gray	**PH 2,5/ 9**	3209507	25
10-pos.	gray	**PH 2,5/10**	3209769	25
11-pos.	gray	**PH 2,5/11**	3209772	10
12-pos.	gray	**PH 2,5/12**	3209785	10
13-pos.	gray	**PH 2,5/13**	3209798	10
14 pos.	gray	**PH 2,5/14**	3209808	10
15-pos.	gray	**PH 2,5/15**	3209811	10

COMBI connectors for self-assembly

– The Push-in COMBI connectors for self-assembly provide solutions that users can implement themselves
– Robust cable housings are available for strain relief on connecting cables
– The connector is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together
① PP–H 2,5/S/1-L
② PP–H 2,5/S/1-M and PP–H 2,5/S/1-M BU
③ PP–H 2,5/S/1-R GNYE



Notes:

[1]) For additional accessories and technical data, see page 286.

[2]) For derating curve, visit phoenixcontact.net/products



24 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height	Height ins.
		5.2 x Number of positions	**15.8**	**40.2**	**24**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.14 - 4**	**26-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
COMBI connector, left element	1	gray	**PP-H 2,5/1-L**	①	3210062	50
	1	blue	**PP-H 2,5/1-L BU**	①	3210075	50
	1	green-yellow	**PP-H 2,5/1-L GNYE**	①	3210088	50
COMBI connector, center element	1	gray	**PP-H 2,5/1-M**	①	3210091	50
	1	blue	**PP-H 2,5/1-M BU**	①	3210101	50
	1	green-yellow	**PP-H 2,5/1-M GNYE**	①	3210114	50
COMBI connector, right element	1	gray	**PP-H 2,5/1-R**	①	3210127	50
	1	blue	**PP-H 2,5/1-R BU**	①	3210130	50
	1	green-yellow	**PP-H 2,5/1-R GNYE**	①	3210143	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray	**DF-SP-H 2,5**	3209824	50
Cable housing, for SP-H ... and PP-H ... COMBI connectors, 2-pos.	gray	**PH 2,5/ 2**	3209691	50
3-pos.	gray	**PH 2,5/ 3**	3209701	50
4-pos.	gray	**PH 2,5/ 4**	3209714	50
5-pos.	gray	**PH 2,5/ 5**	3209727	50
6-pos.	gray	**PH 2,5/ 6**	3209730	25
7-pos.	gray	**PH 2,5/ 7**	3209743	25
8-pos.	gray	**PH 2,5/ 8**	3209756	25
9-pos.	gray	**PH 2,5/ 9**	3209507	25
10-pos.	gray	**PH 2,5/10**	3209769	25
11-pos.	gray	**PH 2,5/11**	3209772	10
12-pos.	gray	**PH 2,5/12**	3209785	10
13-pos.	gray	**PH 2,5/13**	3209798	10
14 pos.	gray	**PH 2,5/14**	3209808	10
15-pos.	gray	**PH 2,5/15**	3209811	10

2.5 mm² COMBI PT plug-in connection solutions

COMBI connector for 800 V according to IEC or 600 V according to UL

– For high standards according to UL 508A
– 600 V for applications according to UL 1059, use group C

Notes:

[1]) For additional accessories and technical data, see page 286.

[2]) For derating curve, visit phoenixcontact.net/products

new





24 A, connector, connection in plug-in direction

Technical data[1])

Dimensions			
Width	Length	Height	Height ins.
5.2 x Number of positions	**16**	**41.2**	**25.6**
[mm]			

Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	**800**	**0.14 - 4**	**26-12**

Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	-	-
Nominal current / cross section [A] / [mm²]	24[2]) / 2.5	20 / -	- / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	**PP 2,5/ 1**	①	3211280	50
	2	10.4 mm	gray	**PP 2,5/ 2**	①	3211281	50
	3	15.6 mm	gray	**PP 2,5/ 3**	①	3211282	50
	4	20.8 mm	gray	**PP 2,5/ 4**	①	3211283	50
	5	26 mm	gray	**PP 2,5/ 5**	①	3211284	50
	6	31.2 mm	gray	**PP 2,5/ 6**	①	3211285	25
	7	36.4 mm	gray	**PP 2,5/ 7**	①	3211286	25
	8	41.6 mm	gray	**PP 2,5/ 8**	①	3211287	25
	9	46.8 mm	gray	**PP 2,5/ 9**	①	3211288	25
	10	52 mm	gray	**PP 2,5/10**	①	3211289	25
	11	57.2 mm	gray	**PP 2,5/11**	①	3211290	10
	12	62.4 mm	gray	**PP 2,5/12**	①	3211291	10
	13	67.6 mm	gray	**PP 2,5/13**	①	3211292	10
	14	72.8 mm	gray	**PP 2,5/14**	①	3211293	10
	15	78 mm	gray	**PP 2,5/15**	①	3211294	10

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray	**DF-SP-H 2,5**	3209824	50

COMBI connectors for self-assembly

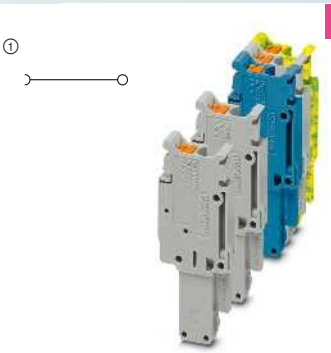
- The Push-in COMBI connectors for self-assembly provide solutions that users can implement themselves
- Robust cable housings are available for strain relief on connecting cables
- The connector is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together
  ① PP 2,5/1-L
  ② PP 2,5/1-M and PP 2,5/1-M BU
  ③ PP 2,5/1-R GNYE

Notes:

[1]) For additional accessories and technical data, see page 286.

[2]) For derating curve, visit phoenixcontact.net/products

new



24 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])

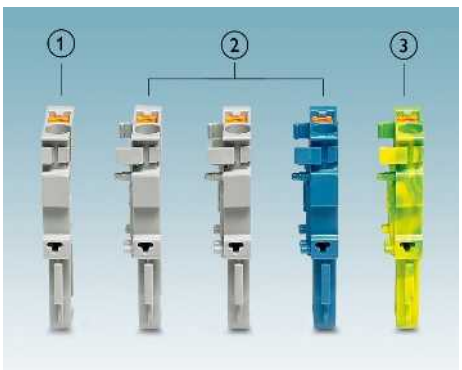
Dimensions				
	[mm]	Width	Length	Height	Height ins.
		5.2 x Number of positions	**16**	**41.2**	**25.6**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**800**	**0.14 - 4**	**26-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	- / -	- / -

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
COMBI connector, left element	1	gray	**PP 2,5/ 1-L**	①	3211271	50
	1	blue	**PP 2,5/ 1-L BU**	①	3211272	50
	1	green-yellow	**PP 2,5/ 1-L GNYE**	①	3211273	50
COMBI connector, center element	1	gray	**PP 2,5/ 1-M**	①	3211274	50
	1	blue	**PP 2,5/ 1-M BU**	①	3211275	50
	1	green-yellow	**PP 2,5/ 1-M GNYE**	①	3211276	50
COMBI connector, right element	1	gray	**PP 2,5/ 1-R**	①	3211277	50
	1	blue	**PP 2,5/ 1-R BU**	①	3211278	50
	1	green-yellow	**PP 2,5/ 1-R GNYE**	①	3211279	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray	**DF-SP-H 2,5**	3209824	50



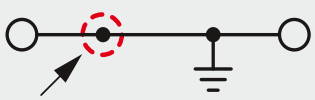
4 mm² COMBI PT plug-in connection solutions

General technical data for 4 mm² COMBI PT Push-in connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	4			
Cross section range	AWG	24 - 10			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
Connection cross sections directly plugged in	[mm²]	0.5 - 6	-	0.5 - 4	0.5 - 4
General data					
Stripping length	[mm]	10 - 12			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



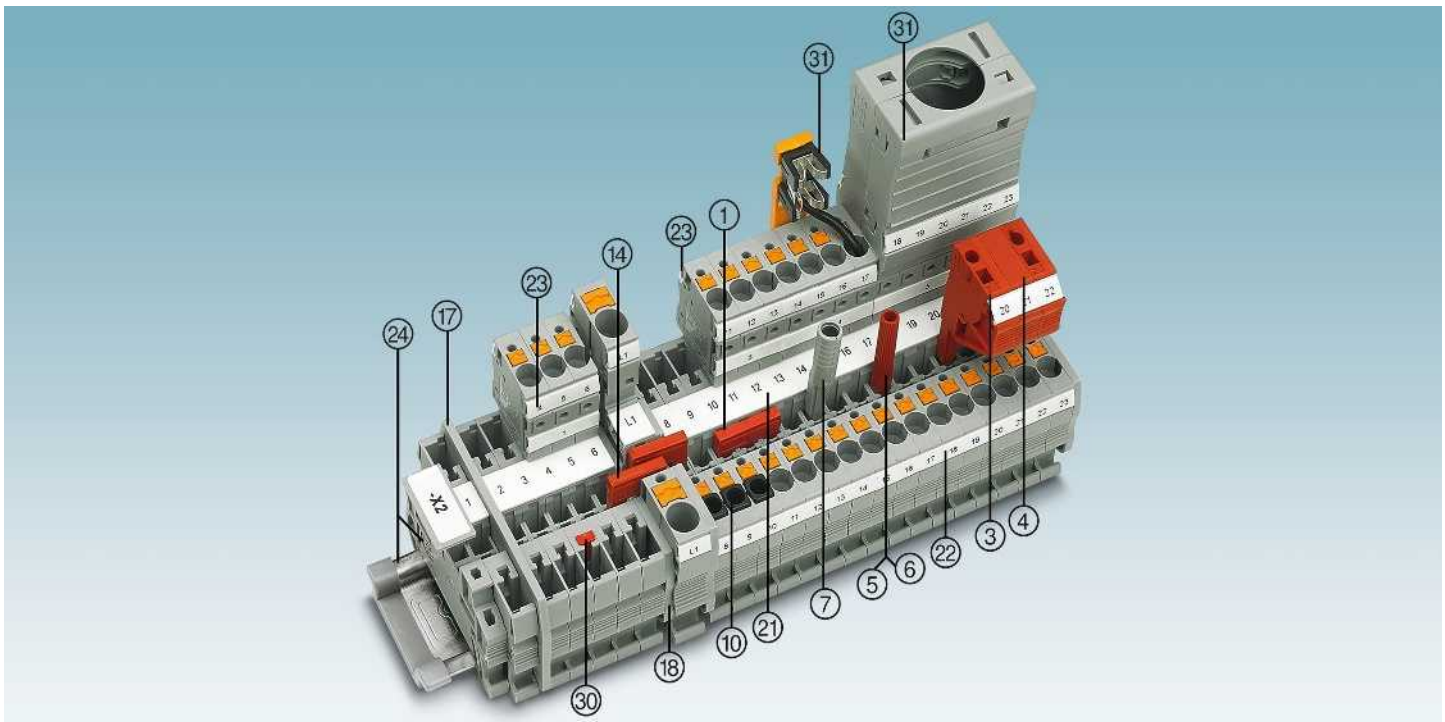
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 4 mm² COMBI PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-6**	3030336	50	**FBSR 2-6**	3033715	50
	3	red	**FBS 3-6**	3030242	50	**FBSR 3-6**	3001594	50
	4	red	**FBS 4-6**	3030255	50	**FBSR 4-6**	3001595	50
	5	red	**FBS 5-6**	3030349	50	**FBSR 5-6**	3001596	50
	10	red	**FBS 10-6**	3030271	10	**FBSR 10-6**	3033716	10
	20	red	**FBS 20-6**	3030365	10			
③ **Modular test plug**		red	**PS-6**	3030996	10			
④ **Spacer plate**		red	**DP PS-6**	3036738	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve**		gray	**ISH 4/0,5**	3002885	50			
0.75 - 1 mm²		black	**ISH 4/1,0**	3002898	50			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10			

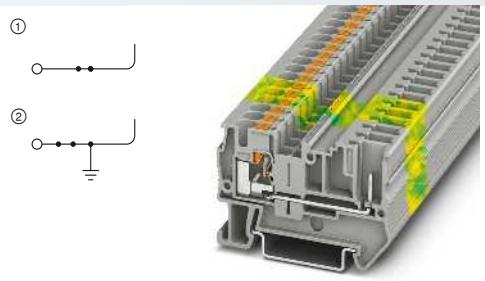
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables from page 68.**
㉓ **Lateral groove marking**	**UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks

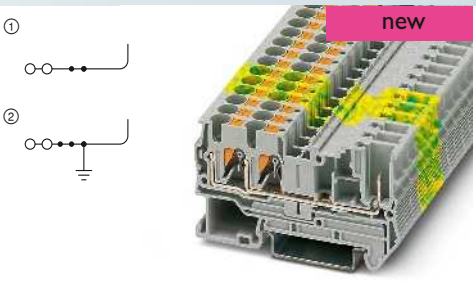
Notes:

1) For additional accessories and technical data, see page 298.

2) For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block



32 A, feed-through terminal block, 3 connections

new

		Technical data1)			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**56**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32²)	**800**	**0.2 - 6**	**24-10**
Maximum bridge current	[A]	32 (FBS) / 22 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	32²) / 4	28 / -	- / -	- / -

		Technical data1)			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**66.4**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32²)	**800**	**0.2 - 6**	**24-10**
Maximum bridge current	[A]	32 (FBS) / 22 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32 / 4	28 / -	28 / -	- / -

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 4/1P**	①	3211937	50
	blue	**PT 4/1P BU**	①	3212007	50
Ground terminal	green-yellow	**PT 4/1P-PE**	②	3211942	50

Accessories1)			
Cover, width: 2.2 mm	gray	**D-ST 4**	3030420	50

Ordering data Type		Order No.	Pcs./Pkt.
PT 4-TWIN/1P	①	3212200	50
PT 4-TWIN/1P BU	①	3212201	50
PT 4-TWIN/1P-PE	②	3212202	50

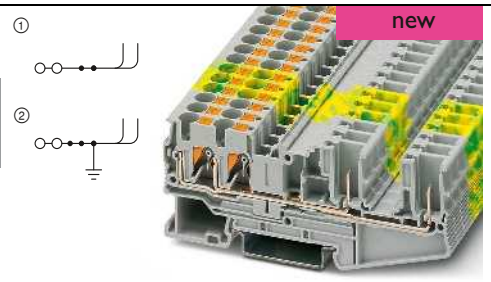
Accessories1)		
D-PT 4-TWIN/1P	3212203	50

Feed-through and multi-conductor terminal blocks

Notes:

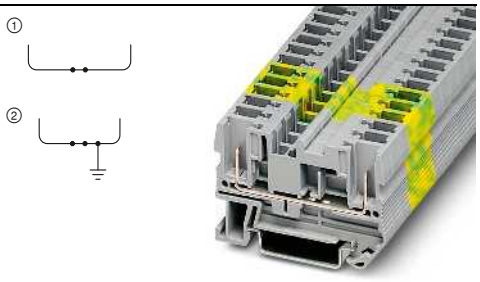
1) For additional accessories and technical data, see page 298.

2) For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block, 4 connections

new



32 A, feed-through terminal block

		Technical data1)			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**92.1**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32²)	**800**	**0.2 - 6**	**24-10**
Maximum bridge current	[A]	32 (FBS) / 22 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32²) / 4	28 / -	28 / -	- / -
Cross section range	AWG	24 - 10	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4

		Technical data1)			
Dimensions		Width	Length	Height	
	[mm]	**6.2**	**55.9**	**36.5 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32²)	**800**	**0.08 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	-	-	-
Nominal current / cross section	[A] / [mm²]	32²) / 4	- / -	- / -	- / -
Cross section range	AWG	28 - 10	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 4-QUATTRO/2P**	①	3211991	50
	blue	**PT 4-QUATTRO/2P BU**	①	3212000	50
Ground terminal	green-yellow	**PT 4-QUATTRO/2P-PE**	②	3211999	50

Accessories1)			
Cover, width: 2.2 mm	gray	**D-PT 4-QUATTRO/2P**	3209277	50

Ordering data Type		Order No.	Pcs./Pkt.
ST 4/ 2P	①	3042735	50
ST 4/ 2P BU	①	3043789	50
ST 4/ 2P-PE	②	3042748	50

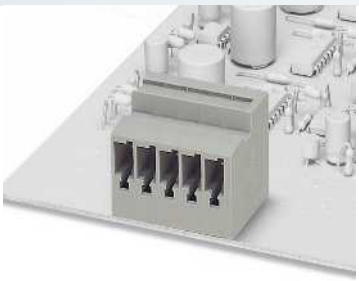
Accessories1)		
D-ST 4	3030420	50

4 mm² COMBI PT plug-in connection solutions

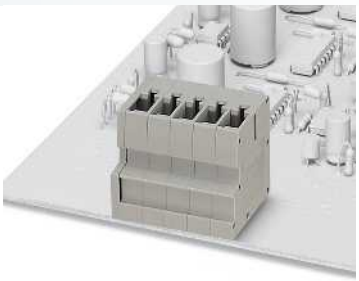
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



32 A, header, horizontal plug-in direction



32 A, header, vertical plug-in direction

Technical data

Dimensions				
	Width	Length	Height	
[mm]	**12.4**	**25.1**	**26**	
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32	**800**	**-**	**-**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	-	-
Nominal current / cross section [A] / [mm²]	32 / 4	20 / -	- / -	- / -
Rated cross section [mm²]	4			
General data				
Insulating material	PA			
Flammability rating according to UL 94	V0			

Technical data

Width	Length	Height	
12.4	**26**	**25.1**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**800**	**-**	**-**
IEC	UL / CUL	CSA	Ex
800	600	-	-
32 / 4	20 / -	- / -	- / -
4			
PA			
V0			

Ordering data

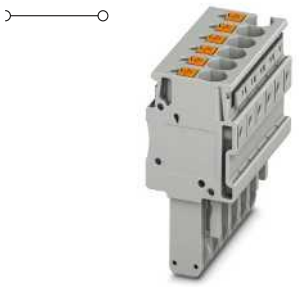
Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	12.4 mm	gray	**ST 4-PCB/ 2-G-6,2**	1980598	50
	3	18.9 mm	gray	**ST 4-PCB/ 3-G-6,2**	1980608	50
	4	24.8 mm	gray	**ST 4-PCB/ 4-G-6,2**	1980611	50
	5	31 mm	gray	**ST 4-PCB/ 5-G-6,2**	1980624	50
	6	37.2 mm	gray	**ST 4-PCB/ 6-G-6,2**	1980637	50
	7	43.4 mm	gray	**ST 4-PCB/ 7-G-6,2**	1980640	50
	8	49.6 mm	gray	**ST 4-PCB/ 8-G-6,2**	1980653	50
	9	55.8 mm	gray	**ST 4-PCB/ 9-G-6,2**	1980666	50
	10	62 mm	gray	**ST 4-PCB/10-G-6,2**	1980679	50
	11	68.2 mm	gray	**ST 4-PCB/11-G-6,2**	1980682	50
	12	74.4 mm	gray	**ST 4-PCB/12-G-6,2**	1980695	50
COMBI header	2	12.4 mm	gray	**ST 4-PCBV/ 2-G-6,2**	1980705	50
	3	18.6 mm	gray	**ST 4-PCBV/ 3-G-6,2**	1980718	50
	4	24.8 mm	gray	**ST 4-PCBV/ 4-G-6,2**	1980721	50
	5	31 mm	gray	**ST 4-PCBV/ 5-G-6,2**	1980734	50
	6	37.2 mm	gray	**ST 4-PCBV/ 6-G-6,2**	1980747	50
	7	43.4 mm	gray	**ST 4-PCBV/ 7-G-6,2**	1980750	50
	8	49.6 mm	gray	**ST 4-PCBV/ 8-G-6,2**	1980763	50
	9	55.8 mm	gray	**ST 4-PCBV/ 9-G-6,2**	1980776	50
	10	62 mm	gray	**ST 4-PCBV/10-G-6,2**	1980789	50
	11	68.2 mm	gray	**ST 4-PCBV/11-G-6,2**	1980792	50
	12	74.4 mm	gray	**ST 4-PCBV/12-G-6,2**	1980802	50

COMBI connectors

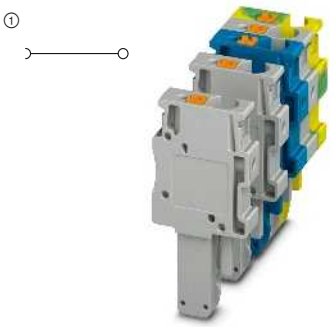
Notes:

[1]) For additional accessories and technical data, see page 298.

[2]) For derating curve, visit phoenixcontact.net/products

① 

32 A, connector, connection in plug-in direction

① 

32 A, connector, connection in plug-in direction, for self-assembly

cULus EAC DNV GL Lloyd's Register

cULus EAC DNV GL Lloyd's Register

Technical data[1])

Dimensions				
	Width	Length	Height	Height ins.
[mm]	**6.2 x Number of positions**	**21**	**42.3**	**24**
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32[2])	**800**	**0.2 - 6**	**24-10**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	-	-
Nominal current / cross section [A] / [mm²]	32[2]) / 4	28 / -	- / -	- / -

Technical data[1])

	Width	Length	Height	Height ins.
	6.2 x Number of positions	**21**	**42.3**	**24**
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32[2])	**800**	**0.2 - 6**	**24-10**
	IEC	UL / CUL	CSA	Ex
	800	600	-	-
	32[2]) / 4	28 / -	- / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	6.2 mm	gray	**PP-H 4/ 1**	①	3212010	50
	2	12.4 mm	gray	**PP-H 4/ 2**	①	3212016	50
	3	18.6 mm	gray	**PP-H 4/ 3**	①	3212022	50
	4	24.8 mm	gray	**PP-H 4/ 4**	①	3212029	50
	5	31 mm	gray	**PP-H 4/ 5**	①	3212035	50
	6	37.2 mm	gray	**PP-H 4/ 6**	①	3212041	25
	7	43.4 mm	gray	**PP-H 4/ 7**	①	3212048	25
	8	49.6 mm	gray	**PP-H 4/ 8**	①	3212054	25
	9	55.8 mm	gray	**PP-H 4/ 9**	①	3212061	25
	10	62 mm	gray	**PP-H 4/10**	①	3212067	25
	11	68.2 mm	gray	**PP-H 4/11**	①	3212074	10
	12	74.4 mm	gray	**PP-H 4/12**	①	3212080	10
	13	80.6 mm	gray	**PP-H 4/13**	①	3212087	10
	14	86.8 mm	gray	**PP-H 4/14**	①	3212093	10
	15	93 mm	gray	**PP-H 4/15**	①	3212100	10
	1	6.2 mm	blue	**PP-H 4/ 1 BU**	①	3212077	50
	1	6.2 mm	green-yellow	**PP-H 4/ 1 GNYE**	①	3212088	50
COMBI connector, left element	1	6.2 mm	gray	**PP-H 4/ 1-L**	①	3211948	50
	1	6.2 mm	blue	**PP-H 4/ 1-L BU**	①	3211951	50
	1	6.2 mm	green-yellow	**PP-H 4/ 1-L GNYE**	①	3211958	50
COMBI connector, center element	1	6.2 mm	gray	**PP-H 4/ 1-M**	①	3211965	50
	1	6.2 mm	blue	**PP-H 4/ 1-M BU**	①	3211964	50
	1	6.2 mm	green-yellow	**PP-H 4/ 1-M GNYE**	①	3211971	50
COMBI connector, right element	1	6.2 mm	gray	**PP-H 4/ 1-R**	①	3211977	50
	1	6.2 mm	blue	**PP-H 4/ 1-R BU**	①	3211980	50
	1	6.2 mm	green-yellow	**PP-H 4/ 1-R GNYE**	①	3211987	50

Ordering data

Type		Order No.	Pcs./Pkt.
PP-H 4/ 1-L	①	3211948	50
PP-H 4/ 1-L BU	①	3211951	50
PP-H 4/ 1-L GNYE	①	3211958	50
PP-H 4/ 1-M	①	3211965	50
PP-H 4/ 1-M BU	①	3211964	50
PP-H 4/ 1-M GNYE	①	3211971	50
PP-H 4/ 1-R	①	3211977	50
PP-H 4/ 1-R BU	①	3211980	50
PP-H 4/ 1-R GNYE	①	3211987	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Cable housing, for PP–H 4... COMBI connectors 2-pos.	gray	**PH 4/2**	3000734	50
3-pos.	gray	**PH 4/3**	3000736	50
4-pos.	gray	**PH 4/4**	3000737	50
5-pos.	gray	**PH 4/5**	3000738	50
6-pos.	gray	**PH 4/6**	3000739	25
7-pos.	gray	**PH 4/7**	3000740	25
8-pos.	gray	**PH 4/8**	3000741	25
9-pos.	gray	**PH 4/9**	3000742	25
10-pos.	gray	**PH 4/10**	3000743	25

Accessories[1])

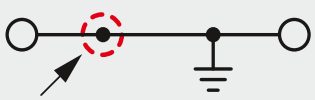
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PH 4/2	3000734	50
PH 4/3	3000736	50
PH 4/4	3000737	50
PH 4/5	3000738	50
PH 4/6	3000739	25
PH 4/7	3000740	25
PH 4/8	3000741	25
PH 4/9	3000742	25
PH 4/10	3000743	25

6 mm² COMBI PT plug-in connection solutions

General technical data for 6 mm² COMBI PT Push-in connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	6			
Cross section range	AWG	20 - 8			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Connection cross sections directly plugged in	[mm²]	1 - 10	-	1 - 6	1 - 6
General data					
Stripping length	[mm]	12			
Insulating material		PA			
Flammability rating according to UL 94		V0			
Note: Additional or deviating data is documented for the product.					

Notes:



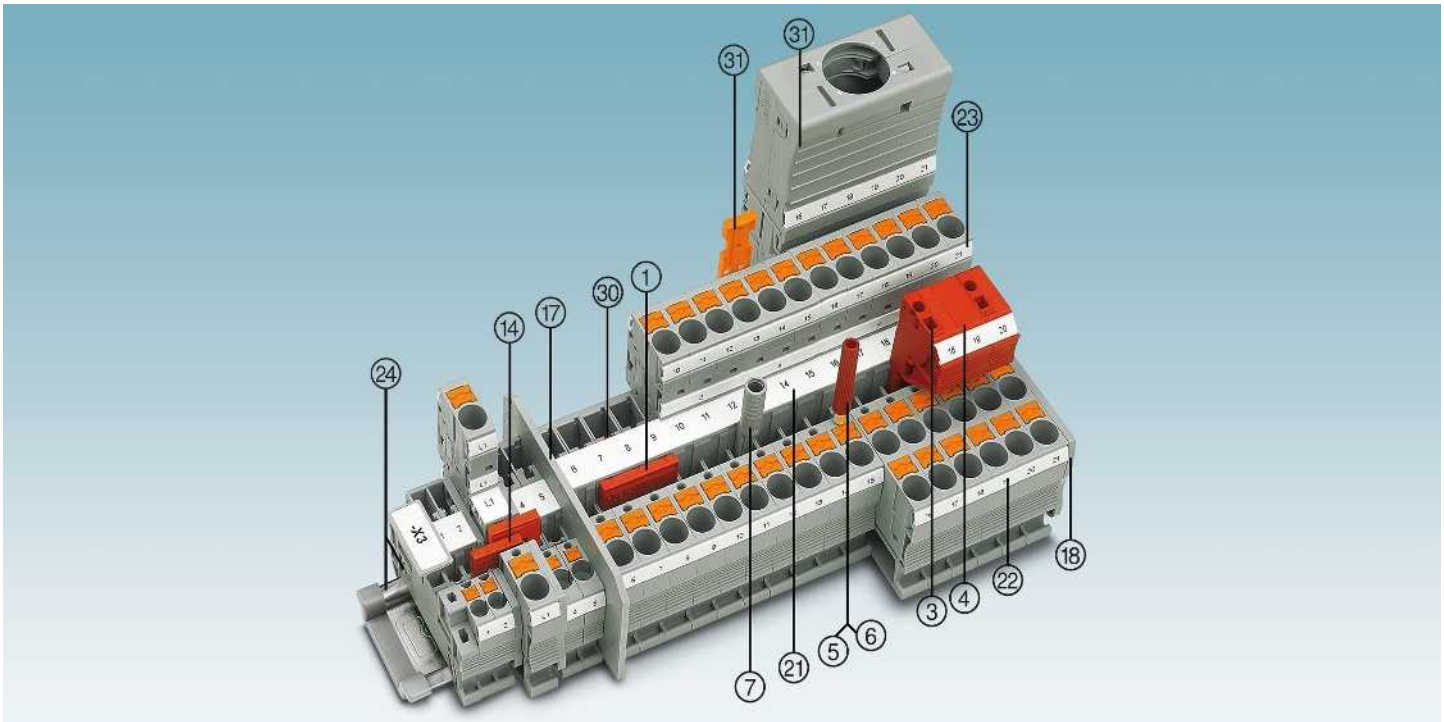
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 6 mm² COMBI PT Push-in connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-8**	3030284	10	**FBSR 2-8**	3033808	10
	3	red	**FBS 3-8**	3030297	10	**FBSR 3-8**	3001597	10
	4	red	**FBS 4-8**	3030307	10	**FBSR 4-8**	3000585	10
	5	red	**FBS 5-8**	3030310	10	**FBSR 5-8**	3033809	10
	10	red	**FBS 10-8**	3030323	10	**FBSR 10-8**	3001599	10
	16	red				**FBSR 16-8**	3033816	10
③ **Modular test plug**		red	**PS-8**	3031005	10			
④ **Spacer plate**		red	**DP PS-8**	3036741	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SZF 2-0,8X4,0**	1204520	10			

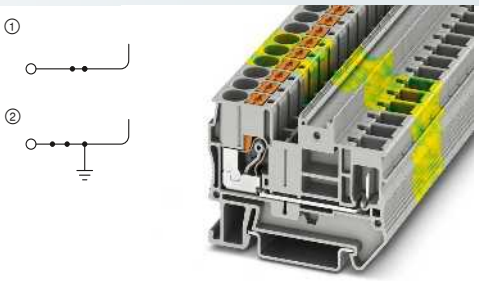
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables from page 68.**
㉓ **Lateral groove marking**	**UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉛ **Latching, strain relief, shielding**	**See page 362.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks and ground terminals

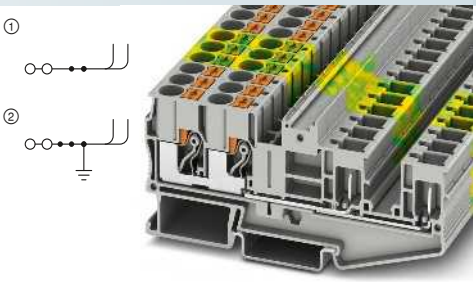
Notes:

1) For additional accessories and technical data, see page 302.

2) For derating curve, visit phoenixcontact.net/products



41 A, feed-through terminal block



41 A, feed-through terminal block, 4 connections

Technical data1)

Dimensions		Width	Length	Height	
	[mm]	8.2	57.7	43.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41²)	1000	0.5 - 10	20-8
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	41²) / 6	40 / -	40 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**PT 6/1P**	①	3061758	50
	blue	**PT 6/1P BU**	①	3061761	50
Ground terminal	green-yellow	**PT 6/1P-PE**	②	3061774	50

Accessories1)

Cover, width: 2.2 mm	gray	**D-PT 6**	3212044	50

Technical data1)

Dimensions		Width	Length	Height	
	[mm]	8.2	99.8	43.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41²)	1000	0.5 - 10	20-8
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	41²) / 6	40 / -	40 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
PT 6-QUATTRO/2P	①	3061826	50
PT 6-QUATTRO/2P BU	①	3061839	50
PT 6-QUATTRO/2P-PE	②	3061842	50

Accessories1)

D-PT 6-QUATTRO/2P	3061855	50

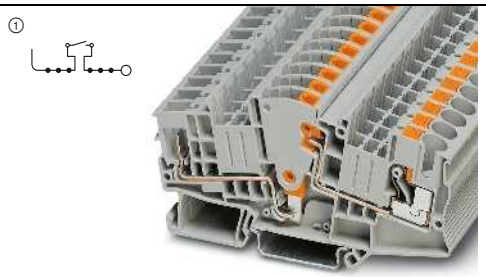
Measuring transducer disconnect terminal blocks

Notes:

1) For additional accessories and technical data, see page 302.

2) For derating curve, visit phoenixcontact.net/products

For pre-assembled bridges, see phoenixcontact.net/products



30 A, measuring transducer disconnect terminal block

Technical data1)

Dimensions		Width	Length	Height	
	[mm]	8.2	99.4	49.6 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30²)	500	0.5 - 10	20-8
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	30²) / 6	30 / -	30 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...	gray	**PTME 6/1P**	①	3212306	50

Accessories1)

Cover, width: 2.2 mm	gray	**D-PTME 6/1P**	3212307	10

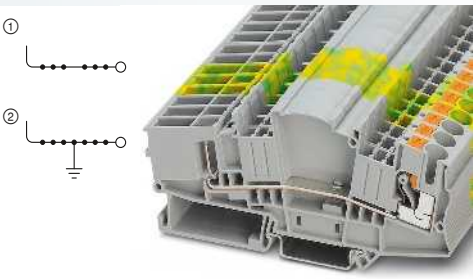
Measuring transducer disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 302.



30 A, current transformer disconnect terminal block, for short-circuit plugs



30 A, feed-through terminal block, for short-circuit plugs

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**8.2**	**114.9**	**49.6 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**500**	**0.5 - 10**	**20-8**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	30 / 6	30 / -	30 / -	- / -

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**PTME 6-CT/1P**	①	3212300	50
Feed-through terminal block	gray				
Ground terminal	green-yellow				

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-PTME 6-CT/1P**	3212303	10

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**8.2**	**114.9**	**49.6 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**500**	**0.5 - 10**	**20-8**
Maximum bridge current	[A]	41 (FBS) / 32 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	30 / 6	30 / -	30 / -	- / -

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
		PTMED 6-CT/1P	①	3212301	50
		PTMED 6-CT/1P-PE	②	3212302	50

Accessories[1])			
		D-PTME 6-CT/1P	3212303	10

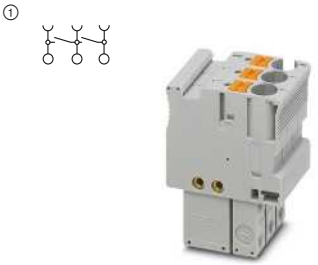
Connectors, with integrated short-circuit function

Notes:

[1]) For additional accessories and technical data, see page 302.



20 A, connector, 2-pos.



20 A, connector, 3-pos.

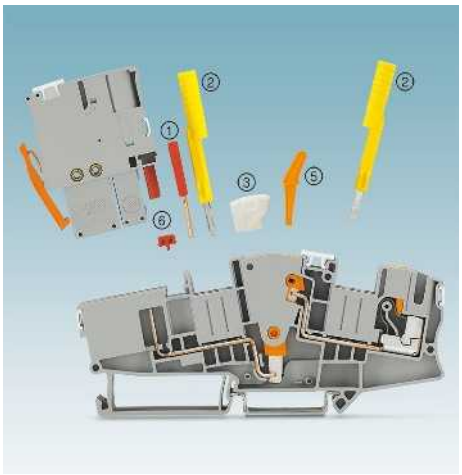
		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**16.4**	**38.5**	**48.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**320**	**0.5 - 10**	**20-8**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	320	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 6	30 / -	30 / -	- / -

Description	Color	Ordering data Type		Order No.	Pcs./Pkt.
COMBI connector, with integrated short-circuit function, 2-pos.	gray	**PPCT 6/2**	①	3212304	10
3-pos.	gray				

		Technical data[1])			
Dimensions		Width	Length	Height	
	[mm]	**24.6**	**38.5**	**48.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**320**	**0.5 - 10**	**20-8**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	320	600	600	-
Nominal current / cross section	[A] / [mm²]	20 / 6	30 / -	30 / -	- / -

Ordering data Type		Order No.	Pcs./Pkt.
PPCT 6/3	①	3212305	10

Supplementary accessories for PTME 6-CT/1P measuring transducer disconnect terminal blocks



– Current transformer measuring circuit can be created using just two PTME 6-CT/1P
– Less space required compared to creating circuits with slide-type terminal blocks

① FBS... plug-in bridge for cross connection
② 4 mm Ø PAI-4-FIX... test plug adapter
③ S-ME 6 switching lock
④ SB-ME... bridge bar
⑤ C−ME 6/2 operating lever
⑥ PC-CT 6... coding set

Notes:

[1]) The coding set can be used to code up to 30 connectors.

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test plug, snapped into bridge shaft	1	orange	**PAI-4-FIX OG**	3034455	10
	1	yellow	**PAI-4-FIX YE**	3032745	10
	1	green	**PAI-4-FIX GN**	3032758	10
	1	violet	**PAI-4-FIX VT**	3032761	10
	1	black	**PAI-4-FIX BK**	3032774	10
	1	blue	**PAI-4-FIX BU**	3032729	10
	1	red	**PAI-4-FIX RD**	3032732	10
	1	gray	**PAI-4-FIX GY**	3032790	10
	1	brown	**PAI-4-FIX BN**	3032787	10
	1	white	**PAI-4-FIX WH**	3032797	10
Switching lock, plug-in		white	**S-ME 6**	3034439	10
Bridge bar, plug-in	2	gray/orange	**SB-ME 2-8**	3034468	10
	3	gray/orange	**SB-ME 3-8**	3032800	10
	4	gray/orange	**SB-ME 4-8**	3034484	10
Operating lever, for actuating meas. trans. disc. terminal blocks	1	orange	**C-ME 6/1**	3034441	10
	2	orange	**C-ME 6/2**	3034442	10
	3	orange	**C-ME 6/3**	3034390	50
Coding set, for 2-pos. connectors[1])		red	**PC-CT 6/2**	3212308	1

Couplings

Notes:

[1]) For additional accessories and technical data, see page 302.

[2]) For derating curve, visit phoenixcontact.net/products

① —○



41 A, coupling

① —○



41 A, coupling, for self-assembly

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
8.2 x Number of positions	**47**	**24.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41[2])	**1000**	**0.5 - 10**	**20-8**
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41[2]) / 6	40 / -	36 / -	- / -

Technical data[1])

Width	Length	Height	
8.2 x Number of positions	**47**	**24.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41[2])	**1000**	**0.5 - 10**	**20-8**
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41[2]) / 6	40 / -	36 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling	2	16.4 mm	gray	**PPC 6/2**	①	3000693	25
	3	24.6 mm	gray	**PPC 6/3**	①	3000694	25
	4	32.8 mm	gray	**PPC 6/4**	①	3000695	25
	5	41 mm	gray	**PPC 6/5**	①	3000697	25
	6	49.2 mm	gray	**PPC 6/6**	①	3000698	25
	7	57.4 mm	gray	**PPC 6/7**	①	3000699	25
	8	65.6 mm	gray	**PPC 6/8**	①	3000700	25
	9	73.8 mm	gray	**PPC 6/9**	①	3000701	25
	10	82 mm	gray	**PPC 6/10**	①	3000702	25
COMBI coupling, for self-assembly	1	8.2 mm	gray	**PPC 6/1-L**	①	3000690	50
	1	8.2 mm	blue	**PPC 6/1-L BU**	①	3000691	50
	1	8.2 mm	green/yellow	**PPC 6/1-L GNYE**	①	3000692	50

Ordering data

Type		Order No.	Pcs./Pkt.
PPC 6/1-L	①	3000690	50
PPC 6/1-L BU	①	3000691	50
PPC 6/1-L GNYE	①	3000692	50

Accessories[1])

		Type	Order No.	Pcs./Pkt.
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Cover, width: 2.2 mm	gray	**D-PPC 6**	3000703	10
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50

Accessories[1])

Type	Order No.	Pcs./Pkt.
MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-PPC 6	3000703	10
PC	3040588	50
PZ/2	3040627	50

Couplings

Notes:
[1]) For additional accessories and technical data, see page 302.



41 A, coupling for DIN rail mounting

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**8.2**	**43**	**38 (NS 35/7,5) / 38 (NS 15)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41	**1000**	**0.5 - 10**	**20-8**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	41 / 6	40 / -	36 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling	gray	**PPC 6-NS/1-L**	①	3000689	50

Accessories[1])

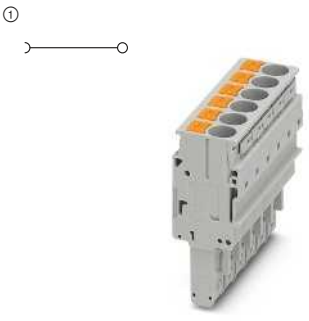
Cover, width: 2.2 mm	gray	**D-PPC 6**		3000703	10
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**		3040588	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**		3040627	50

COMBI connectors

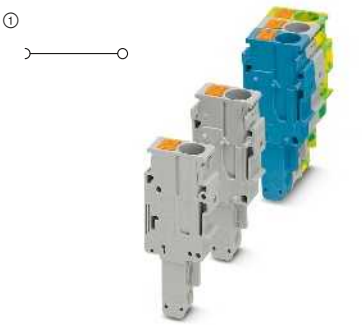
Notes:

[1]) For additional accessories and technical data, see page 302.

[2]) For derating curve, visit phoenixcontact.net/products



41 A, connector, connection in plug-in direction



41 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])

Dimensions				
	Width	Length	Height	Height ins.
[mm]	**8.2 x Number of positions**	**21**	**49.3**	**31.2**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	41[2])	**1000**	**0.5 - 10**	**20-8**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	600	600	-
Nominal current / cross section [A] / [mm²]	41[2]) / 6	40 / -	40 / -	- / -

Technical data[1])

	Width	Length	Height	Height ins.
	8.2 x Number of positions	**21**	**49.3**	**31.2**
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	41[2])	**1000**	**0.5 - 10**	**20-8**
	IEC	UL / CUL	CSA	Ex
	1000	600	600	-
	41[2]) / 6	40 / -	40 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	8.2 mm	gray	**PP-H 6/ 1**	①	3061541	50
	2	16.4 mm	gray	**PP-H 6/ 2**	①	3061570	50
	3	24.6 mm	gray	**PP-H 6/ 3**	①	3061583	50
	4	32.8 mm	gray	**PP-H 6/ 4**	①	3061596	50
	5	41 mm	gray	**PP-H 6/ 5**	①	3061606	50
	6	49.2 mm	gray	**PP-H 6/ 6**	①	3061619	25
	7	57.4 mm	gray	**PP-H 6/ 7**	①	3061622	25
	8	65.6 mm	gray	**PP-H 6/ 8**	①	3061635	25
	9	73.8 mm	gray	**PP-H 6/ 9**	①	3061648	25
	10	8.2 mm	gray	**PP-H 6/10**	①	3061651	25
	1	8.2 mm	blue	**PP-H 6/ 1 BU**	①	3061554	50
	1	8.2 mm	green-yellow	**PP-H 6/ 1 GNYE**	①	3061567	50
COMBI connector, left element	1	8.2 mm	gray	**PP-H 6/ 1-L**	①	3061664	50
	1	8.2 mm	blue	**PP-H 6/ 1-L BU**	①	3061677	50
	1	8.2 mm	gray	**PP-H 6/ 1-L GNYE**	①	3061680	50
COMBI connector, center element	1	8.2 mm	gray	**PP-H 6/ 1-M**	①	3061693	50
	1	8.2 mm	gray	**PP-H 6/ 1-M BU**	①	3061703	50
	1	8.2 mm	gray	**PP-H 6/ 1-M GNYE**	①	3061716	50
COMBI connector, right element	1	8.2 mm	gray	**PP-H 6/ 1-R**	①	3061729	50
	1	8.2 mm	blue	**PP-H 6/ 1-R BU**	①	3061732	50
	1	8.2 mm	gray	**PP-H 6/ 1-R GNYE**	①	3061745	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Cable housing, For PP-H6 ... and PPCT 6/... COMBI connectors	gray	**PH 6/2**	3000680	25
3-pos.	gray	**PH 6/3**	3000681	25
4-pos.	gray	**PH 6/4**	3000682	25
5-pos.	gray	**PH 6/5**	3000683	25
6-pos.	gray	**PH 6/6**	3000684	10
7-pos.	gray	**PH 6/7**	3000685	10

Accessories[1])

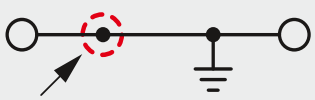
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PH 6/2	3000680	25
PH 6/3	3000681	25
PH 6/4	3000682	25
PH 6/5	3000683	25
PH 6/6	3000684	10
PH 6/7	3000685	10

2.5 mm² COMBI ST plug-in connection solutions

General technical data for 2.5 mm² COMBI ST spring-cage connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	28 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5	0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			
Note: Additional or deviating data is documented for the product.					

Notes:



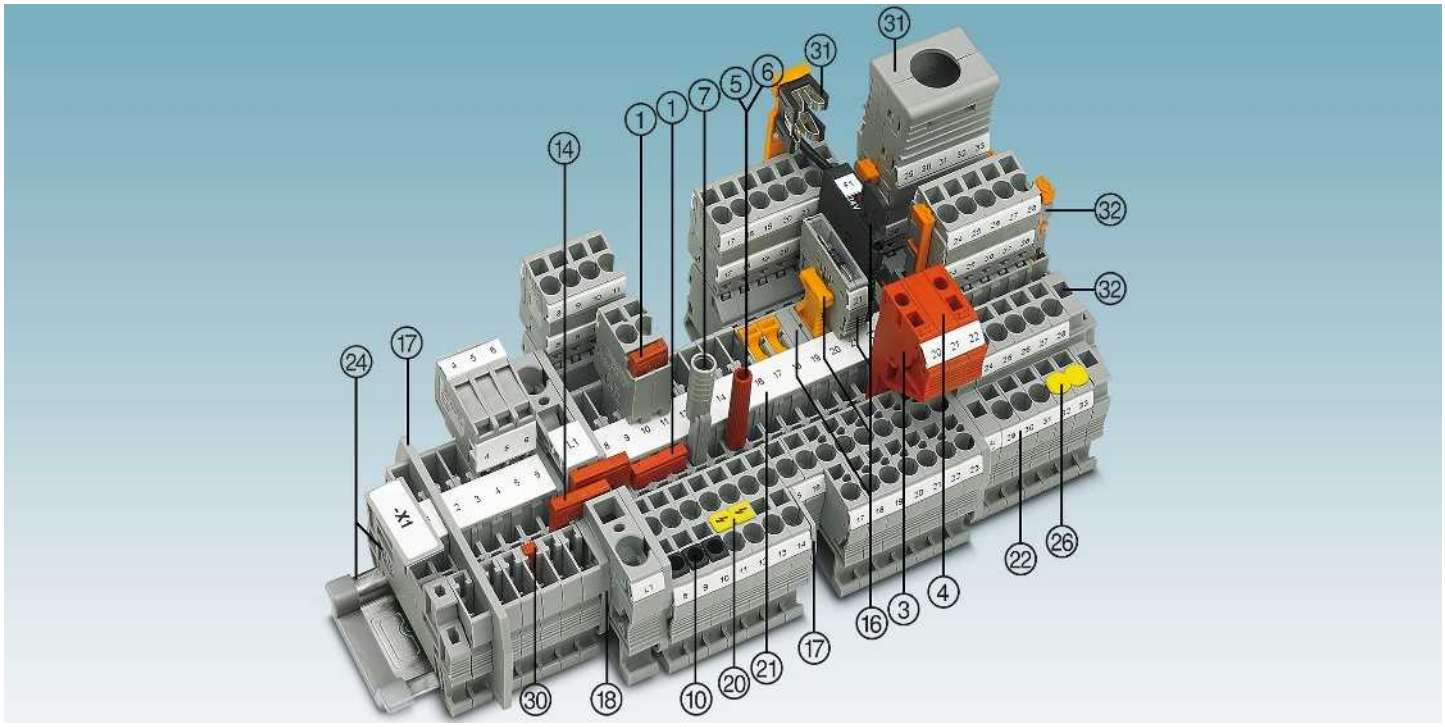
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² COMBI ST spring-cage connection terminal blocks



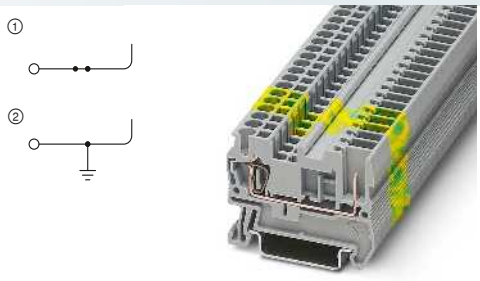
Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50	**FBSR 2-5**	3033702	50
	3	red	**FBS 3-5**	3030174	50	**FBSR 3-5**	3001591	50
	4	red	**FBS 4-5**	3030187	50	**FBSR 4-5**	3001592	50
	5	red	**FBS 5-5**	3030190	50	**FBSR 5-5**	3001593	50
	10	red	**FBS 10-5**	3030213	10	**FBSR 10-5**	3033710	10
	20	red	**FBS 20-5**	3030226	10			
③ **Modular test plug**		red	**PS-5**	3030983	10			
④ **Spacer plate**		red	**DP PS-5**	3036725	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve**		white	**ISH 2,5/0,2**	3002843	50			
0.25 - 0.5 mm²		gray	**ISH 2,5/0,5**	3002856	50			
0.75 - 1 mm²		black	**ISH 2,5/1,0**	3002869	50			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑯ **Fuse and function plugs for disconnect terminal blocks**	**For P-FU ... / P-DI / P-FIX / P-CO ..., see from page 408.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉑ **Center groove marking**	**UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉖ **Cover for conductor shaft**	**For CEC ..., see page 407.**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
㉜ **Screw flanges, screw flange cover**	**See from page 370.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

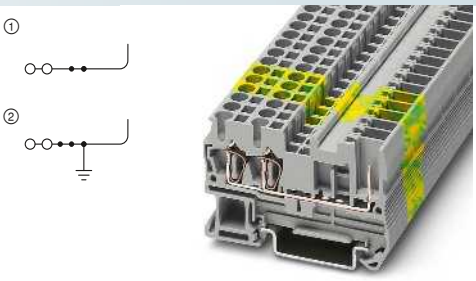
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

- [1]) For additional accessories and technical data, see page 310.
- [2]) For derating curve, visit phoenixcontact.net/products
- For screw flange, see page 370.
- For self-locking flange, see page 369.



24 A, feed-through terminal block



24 A, feed-through terminal block, 3 connections

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	48.5	36.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	500	0.08 - 4	28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300 300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 20 / -	- / -

Technical data[1])

		Width	Length	Height	
		5.2	60.5	36.5 (NS 35/7,5)	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	500	0.08 - 4	28-12
		24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
		500	600	600	-
		24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5/ 1P**	①	3040012	50
	blue	**ST 2,5/ 1P BU**	①	3040656	50
Ground terminal	green-yellow	**ST 2,5/ 1P-PE**	②	3040025	50

Ordering data

Type		Order No.	Pcs./Pkt.
ST 2,5-TWIN/ 1P	①	3042117	50
ST 2,5-TWIN/ 1P BU	①	3042104	50
ST 2,5-TWIN/ 1P-PE	②	3042120	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50

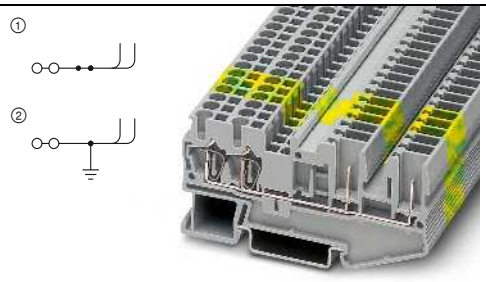
Accessories[1])

		D-ST 2,5-TWIN	3030488	50

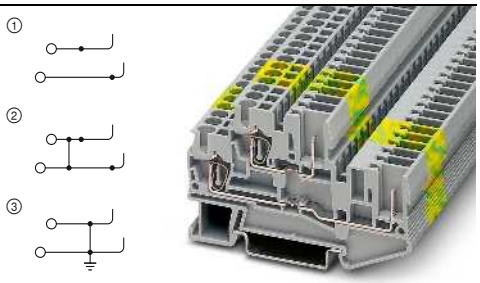
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

- [1]) For additional accessories and technical data, see page 310.
- [2]) For derating curve, visit phoenixcontact.net/products
- For screw flange, see page 370.
- For self-locking flange, see page 369.



24 A, feed-through terminal block, 4 connections



22 A, feed-through terminal block

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	5.2	81	36.5 (NS 35/7,5)	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	500	0.08 - 4	28-12
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Technical data[1])

		Width	Length	Height	
		5.2	71.5	47.5 (NS 35/7,5)	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		22[2])	500	0.08 - 4	28-12
		24 (FBS) / 17.5 (FBSR)			
		IEC	UL / CUL	CSA	Ex
		500	600	600	-
		22[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5-QUATTRO/2P**	①	3040038	50
	blue	**ST 2,5-QUATTRO/2P BU**	①	3040669	50
With potential distribution	gray				
	blue				
Ground terminal	green-yellow	**ST 2,5-QUATTRO/2P-PE**	②	3040041	50

Ordering data

Type		Order No.	Pcs./Pkt.
STTB 2,5/2P	①	3040054	50
STTB 2,5/2P BU	①	3040672	50
STTB 2,5/2P-PV	②	3040070	50
STTB 2,5/2P-PV BU	②	3040685	50
STTB 2,5/2P-PE	③	3040067	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO/ 2P**	3040083	50

Accessories[1])

		D-STTB 2,5/ 2P	3040096	50

2.5 mm² COMBI ST plug-in connection solutions

Multi-level terminal blocks

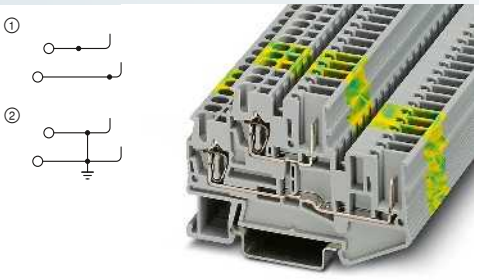
Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products

For screw flange, see page 370.

For self-locking flange, see page 369.



22 A, feed-through terminal block



22 A, feed-through terminal block, with equipotential bonding

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**71.5**	**47.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		22[2])	**500**	**0.08 - 4 / 28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	-
Nominal current / cross section	[A] / [mm²]	22[2]) / 2.5	20 / -	20 / - / - / -

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**71.5**	**47.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		22[2])	**500**	**0.08 - 4 / 28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	-
Nominal current / cross section	[A] / [mm²]	22[2]) / 2.5	20 / -	20 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, with marking groove on the plug-in side	gray	**STTB 2,5/2P SO**	①	3040892	50
	blue	**STTB 2,5/2P BU SO**	①	3040902	50
	gray				
Ground terminal, with marking groove on the plug-in side	green/yellow	**STTB 2,5/2P-PE SO**	②	3040915	50

Ordering data

Type		Order No.	Pcs./Pkt.
STTB 2,5/2P-PV SO	①	3040928	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-STTB 2,5/ 2P**	3040096	50

Accessories[1])

D-STTB 2,5/ 2P	3040096	50

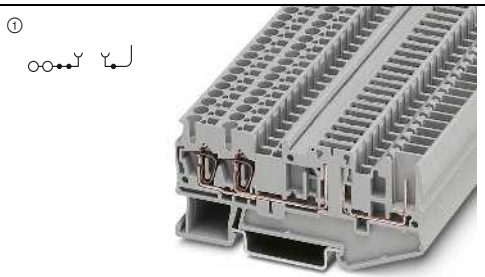
Disconnect and knife disconnect terminal blocks

Notes:

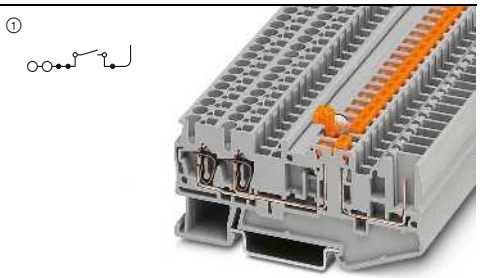
[1]) For additional accessories and technical data, see page 310.

[2]) Current and voltage are determined by the connector used.

[3]) For derating curve, visit phoenixcontact.net/products



20 A, disconnect terminal block, 3 connections



20 A, knife disconnect terminal block, 3 connections

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**81**	**36.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		20[3])	**400[2])**	**0.08 - 4 / 28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400[2])	600	300 -
Nominal current / cross section	[A] / [mm²]	20[3]) / 2.5	20 / -	20 / - / - / -

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**81**	**36.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		20[3])	**400**	**0.08 - 4 / 28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	400	600	300 -
Nominal current / cross section	[A] / [mm²]	20[3]) / 2.5	20 / -	20 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Disconnect terminal block	gray	**ST 2,5-TWIN-TG/1P**	①	3040847	50
Knife disconnect terminal block	gray				

Ordering data

Type		Order No.	Pcs./Pkt.
ST 2,5-TWIN-MT/1P	①	3040766	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 2,5-QUATTRO/ 2P**	3040083	50

Accessories[1])

D-ST 2,5-QUATTRO/ 2P	3040083	50

Four-level terminal blocks

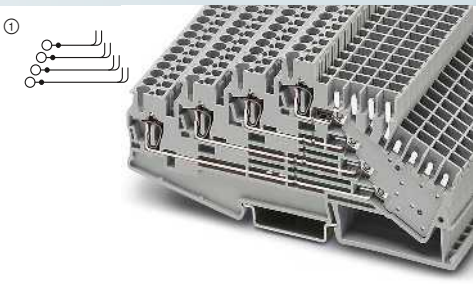
Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products



10 A, four-level terminal block



10 A, four-level terminal block, two slots

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
5.2	**101**	**59 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10[2])	**250**	**0.08 - 4**	**28-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
250	300	300	-
10[2]) / 1.5	10 / -	10 / -	- / -

Technical data[1])

Width	Length	Height	
5.2	**120.5**	**59 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10[2])	**250**	**0.08 - 4**	**28-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
250	300	300	-
10[2]) / 1.5	10 / -	10 / -	- / -

Description	Color
Terminal block	gray
	gray
with securing pin	gray
Cover, width: 2.2 mm	gray

Ordering data

Type		Order No.	Pcs./Pkt.
ST 2,5-4L/1P	①	3041985	50
ST 2,5-PE/3L/1P	②	3041969	50

Accessories[1])

D-ST 2,5-4L/1P	3041930	50

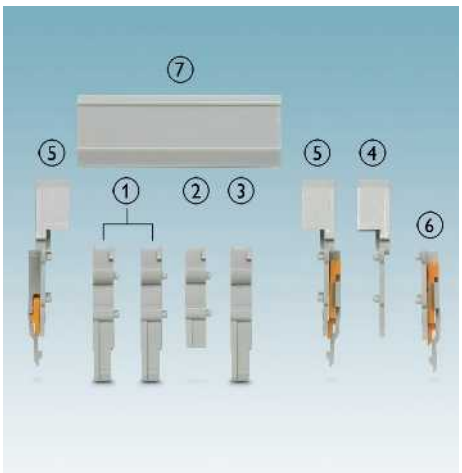
Ordering data

Type		Order No.	Pcs./Pkt.
ST 2,5-4L/2P	①	3042007	50
ST 2,5-4L/2P-Z	①	3041998	50

Accessories[1])

D-ST 2,5-4L/2P	3041927	50

Connector housing for four-level terminal blocks



① 4-pos. connector with CP−H 2,5-4L-Z engagement pin
② DP-CP-H 2,5-4L spacer plate
③ CP-H 2,5-4L 4-pos. connector
④ D-CP-H 2,5-4L cover profile carrier
⑤ DFS-CP-H 2,5-4L cover profile carrier with self-locking flange cover
⑥ DFS-CP 2,5-4L self-locking flange cover
⑦ AP-CP-H cover profile

Notes:

In order to crimp STG-MTN... modular socket contacts, the CRIMPFOX MT 2,5 (Order No. 1204038) must be used.



Connector housing, for accommodating four socket contacts

Description	Color
Connector housing, for accommodating 4 socket contacts	gray
	gray
Connector housing with engagement pin	gray
	gray
Self-locking flange, can be marked with UC-TM	gray
Spacer plate	gray
Cover profile, 1 m, can be marked with UC-TM ...	
	gray
Cover profile carrier	gray
Cover profile carrier, with self-locking flange cover	gray
Self-locking flange cover	gray
Module socket contact, 0.5 - 1 mm²	silver
for conductors from 1.5 ... 2.5 mm²	silver

Ordering data

Type	Order No.	Pcs./Pkt.
CP-H 2,5-4L	3012313	50
CP-H 2,5-4L-PE	3012323	50
CP-H 2,5-4L-Z	3012314	50
CP-H 2,5-4L-Z-PE	3012324	50

Accessories

PT 2,5-4L/1P-FS	3012302	10
DP-CP-H 2,5-4L	3012319	50
AP-CP-H METER	3012315	10
D-CP-H 2,5-4L	3012320	50
DFS-CP-H 2,5-4L	3012317	50
DFS-CP 2,5-4L	3012321	50
STG-MTN 0,5-1,0	3190438	100
STG-MTN 1,5-2,5	3190506	100

2.5 mm² COMBI ST plug-in connection solutions

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

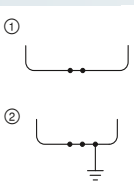
Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products

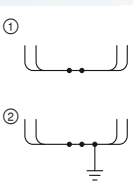
For screw flange, see page 370.

For self-locking flange, see page 369.





24 A, feed-through terminal block





24 A, feed-through terminal block, 4 connections

Technical data[1])			
Dimensions			
Width	Length	Height	
5.2	49.1	36.5 (NS 35/7,5)	
[mm]			
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	500	0.08 - 4	-
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)		
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	300	-
Nominal current / cross section [A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Technical data[1])			
Dimensions			
Width	Length	Height	
5.2	89.5	36.5 (NS 35/7,5)	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	500	0.08 - 4	-
Maximum bridge current	24 (FBS) / 17.5 (FBSR)		
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	-	-
Nominal current / cross section	24[2]) / 2.5	20 / -	- / -	- / -

Description	Color	Ordering data			
		Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 2,5/2P**	①	3042133	50
	blue	**ST 2,5/2P BU**	①	3042094	50
Ground terminal	green-yellow	**ST 2,5/2P-PE**	②	3042146	50

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50

Ordering data			
Type		Order No.	Pcs./Pkt.
ST 2,5-QUATTRO/4P	①	3042159	50
ST 2,5-QUATTRO/4P BU	①	3042081	50
ST 2,5-QUATTRO/4P-PE	②	3042162	50

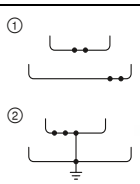
Accessories[1])		
D-ST 2,5-QUATTRO/4P	3042175	50

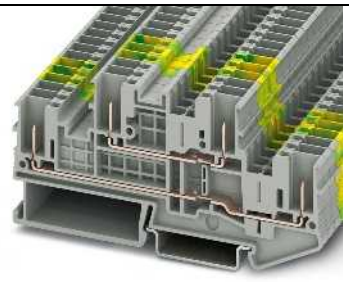
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

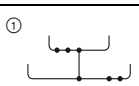
[1]) For additional accessories and technical data, see page 310.

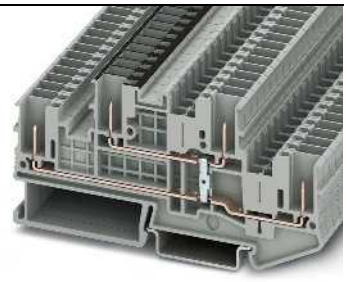
[2]) For derating curve, visit phoenixcontact.net/products





22 A, double-level terminal block





22 A, double-level terminal block with equipotential bonding

Technical data[1])			
Dimensions			
Width	Length	Height	
5.2	98.8	47.5 (NS 35/7,5)	
[mm]			
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
22[2])	500	0.08 - 4	-
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)		
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	22[2]) / 2.5	20 / -	20 / -	- / -

Technical data[1])			
Dimensions			
Width	Length	Height	
5.2	98.8	47.5 (NS 35/7,5)	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
22[2])	500	0.08 - 4	-
Maximum bridge current	24 (FBS) / 17.5 (FBSR)		
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage	500	600	600	-
Nominal current / cross section	22[2]) / 2.5	20 / -	20 / -	- / -

Description	Color	Ordering data			
		Type		Order No.	Pcs./Pkt.
Terminal block	gray	**STTB 2,5/4P**	①	3061486	50
	blue	**STTB 2,5/4P BU**	①	3061512	50
	gray				
Ground terminal	green-yellow	**STTB 2,5/4P-PE**	②	3061499	50

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-STTB 2,5/4P**	3061538	50

Ordering data			
Type		Order No.	Pcs./Pkt.
STTB 2,5/4P-PV	①	3061509	50

Accessories[1])		
D-STTB 2,5/4P	3061538	50

Couplings

– For secure and space-saving accommodation of plug-in contacts in cable ducts and distributor shafts
– Test hole in every receptacle disc, to accommodate a test plug with a 2.3 mm diameter

Notes:

[1]) For additional accessories and technical data, see page 310.

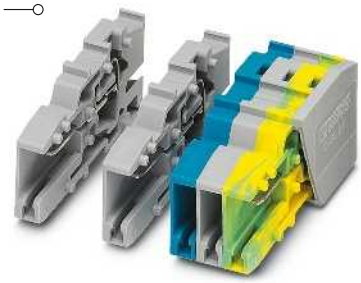
[2]) For derating curve, visit phoenixcontact.net/products

① —○



24 A, coupling

① —○



24 A, coupling, for self-assembly

cULus EAC DNV GL Lloyd's Register

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2 x Number of positions	**37.2**	**18.8**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.08 - 4**	**26-12**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	-	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	- / -	- / -

Technical data[1])

		Width	Length	Height
		5.2 x Number of positions	**37.2**	**21.8**
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.08 - 4**	**26-12**
		IEC	UL / CUL	CSA	Ex
		500	300	-	-
		24[2]) / 2.5	20 / -	- / -	- / -

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling	2	gray	**SC 2,5/ 2**	①	3041312	50
	3	gray	**SC 2,5/ 3**	①	3042269	50
	4	gray	**SC 2,5/ 4**	①	3042272	50
	5	gray	**SC 2,5/ 5**	①	3042285	50
	6	gray	**SC 2,5/ 6**	①	3042298	25
	7	gray	**SC 2,5/ 7**	①	3041367	25
	8	gray	**SC 2,5/ 8**	①	3042308	25
	9	gray	**SC 2,5/ 9**	①	3041383	25
	10	gray	**SC 2,5/10**	①	3042311	25
	11	gray	**SC 2,5/11**	①	3041406	10
	12	gray	**SC 2,5/12**	①	3042324	10
	13	gray	**SC 2,5/13**	①	3041422	10
	14	gray	**SC 2,5/14**	①	3041435	10
	15	gray	**SC 2,5/15**	①	3041448	10
COMBI coupling, for self-assembly	1	gray				
	1	blue				
	1	green-yellow				

Ordering data

Type		Order No.	Pcs./Pkt.
SC 2,5/ 1-L	①	3042188	50
SC 2,5/ 1-L BU	①	3042191	50
SC 2,5/ 1-L GNYE	①	3042201	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Cover, width: 2.2 mm	gray			
Strain relief,for SPDB... connector and SC 2,5... coupling, 2-pos.	black	**PDZ/2**	3040562	50
4-pos.	black	**PDZ/4**	3040575	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50

Accessories[1])

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-SC 2,5	3042243	50
PDZ/2	3040562	50
PDZ/4	3040575	50
PC	3040588	50

2.5 mm² COMBI ST plug-in connection solutions

Couplings

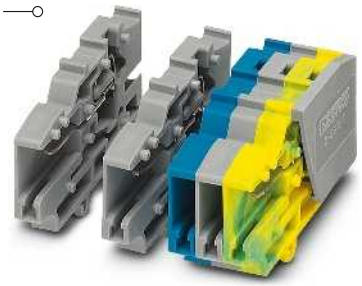
Notes:
[1]) For additional accessories and technical data, see page 310.
[2]) For derating curve, visit phoenixcontact.net/products

①



24 A, coupling with securing pin

①



24 A, coupling with securing pin, for self-assembly

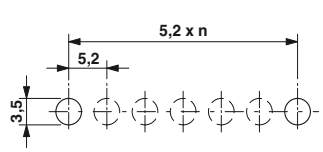
DNV GL

DNV GL

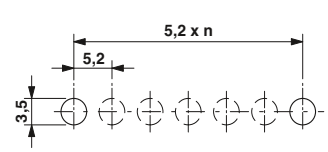
		Technical data[1])				Technical data[1])			
Dimensions		Width	Length	Height		Width	Length	Height	
	[mm]	**5.2 x Number of positions**	**37.2**	**21.8**		**5.2 x Number of positions**	**37.2**	**21.8**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.08 - 4**	**26-12**	**24[2])**	**500**	**0.08 - 4**	**26-12**
Rated data		IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	-	-	500	300	-	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	- / -	- / -	24[2]) / 2.5	20 / -	- / -	- / -

Description	No. of pos.	Color	Ordering data: Type		Order No.	Pcs./Pkt.	Ordering data: Type		Order No.	Pcs./Pkt.
COMBI coupling, with securing pin	2	gray	**SC 2,5-RZ/ 2**	①	3041516	50				
	3	gray	**SC 2,5-RZ/ 3**	①	3041529	50				
	4	gray	**SC 2,5-RZ/ 4**	①	3041532	50				
	5	gray	**SC 2,5-RZ/ 5**	①	3041545	50				
	6	gray	**SC 2,5-RZ/ 6**	①	3041558	25				
	7	gray	**SC 2,5-RZ/ 7**	①	3041561	25				
	8	gray	**SC 2,5-RZ/ 8**	①	3041574	25				
	9	gray	**SC 2,5-RZ/ 9**	①	3041590	25				
	10	gray	**SC 2,5-RZ/10**	①	3041587	25				
	11	gray	**SC 2,5-RZ/11**	①	3041600	10				
	12	gray	**SC 2,5-RZ/12**	①	3041613	10				
	13	gray	**SC 2,5-RZ/13**	①	3041626	10				
	14	gray	**SC 2,5-RZ/14**	①	3041639	10				
	15	gray	**SC 2,5-RZ/15**	①	3041642	10				
COMBI coupling, with securing pin, for self-assembly	1	gray					**SC 2,5-RZ/ 1-L**	①	3042214	50
	1	blue					**SC 2,5-RZ/ 1-L BU**	①	3042227	50
	1	green-yellow					**SC 2,5-RZ/ 1-L GNYE**	①	3042230	50

		Accessories[1])			Accessories[1])		
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10	**MPS-IH RD**	0201676	10
Cover, width: 2.2 mm	gray				**D-SC 2,5**	3042243	50
Strain relief,for SPDB... connector and SC 2,5... coupling, 2-pos.	black	**PDZ/2**	3040562	50	**PDZ/2**	3040562	50
4-pos.	black	**PDZ/4**	3040575	50	**PDZ/4**	3040575	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50	**PC**	3040588	50

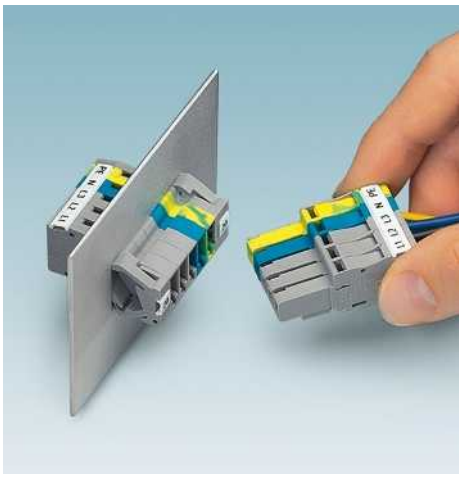


Drilling plan example: 1 x SC 2,5-RZ/ 6



Drilling plan example: 6 x SC 2,5-RZ/ 1-L

Panel feed-through for COMBI couplings





Snap coupling onto panel feed-through SSL 2,5



Panel feed-through

- The panel feed-through can be used to securely fasten free-hanging couplings SC 2,5 and SC 4 in panel cutouts
- The panel feed-through elements are snapped onto the free-hanging couplings, and pushed into the panel cutout where they snap in automatically
- The coupling is finally fixed in placed by pressing shut the panel feed-through's actuation lever
- Can be used for plate thicknesses of 0.8 mm to 3 mm

Making the panel cutout

- The panel cutout is easy to produce. The height of the rectangular cutout is always the same, and the length depends on the number of positions of the coupling There is no longer any need for additional bore holes for fixing screws as in previously common solutions.

Technical data

General data		
Plate thickness	[mm]	0.8 - 3
Section height	[mm]	16.6
Section width	[mm]	5.15 x number of positions + 13 (SC 2,5) 6.15 x number of positions + 14 (SC 4)
Insulating material		PA
Flammability rating according to UL 94		V0

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Panel feed-through, for snapping on to couplings, 1 SSL 2,5 consists of a left-hand and a right-hand element, for metal thicknesses of 0.8 - 3 mm	gray	**SSL 2,5**	3043815	50

Accessories

Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50
Screwdriver		**SZF 1-0,6X3,5**	1204517	10
Lateral groove marking		**UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)**		



Fit the coupling and SSL 2,5 in panel cutout



Fixing the coupling

Couplings

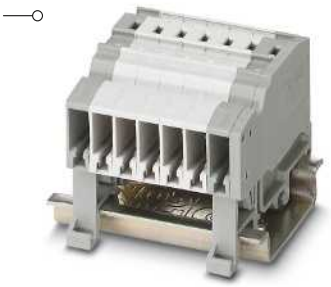
– The terminal blocks are snapped onto the SC... free-hanging couplings as modules and can be used on the NS 15 as well as on the NS 35 DIN rail

Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products

①



24 A, coupling for DIN rail mounting

cULus EAC DNV GL

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**43.5**	**34 (NS 35/7,5) / 34 (NS 15)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24[2])	**500**	**0.08 - 4 / 26-12**
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	300	- / -
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling	gray	**SC 2,5-NS/ 1-L**	①	3042340	50

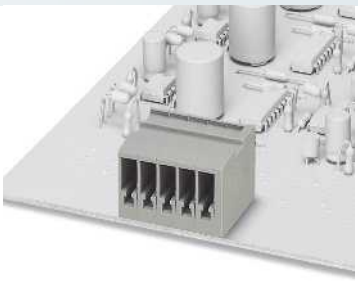
Accessories[1])

Cover, width: 2.2 mm	gray	**D-SC 2,5**		3042243	50
Strain relief, for SPDB... connector and SC 2,5... coupling, 2-pos.	black	**PDZ/2**		3040562	50
4-pos.	black	**PDZ/4**		3040575	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**		3040588	50

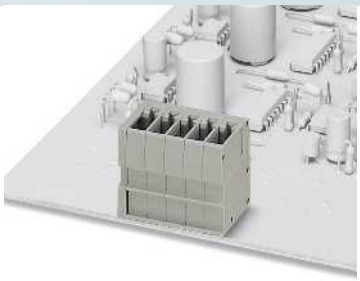
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



24 A, header, horizontal plug-in direction



24 A, header, vertical plug-in direction

Technical data

Dimensions					
	[mm]	Width	Length	Height	
		10.4	**21.7**	**18.1**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500**	**-**	**-**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	- / -	- / -
Rated cross section	[mm²]	2.5			
General data					
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	10.4 mm	gray	**ST 2,5-PCB/ 2-G-5,2**	1980378	50
	3	15.6 mm	gray	**ST 2,5-PCB/ 3-G-5,2**	1980381	50
	4	20.8 mm	gray	**ST 2,5-PCB/ 4-G-5,2**	1980394	50
	5	26 mm	gray	**ST 2,5-PCB/ 5-G-5,2**	1980404	50
	6	31.2 mm	gray	**ST 2,5-PCB/ 6-G-5,2**	1980417	50
	7	36.4 mm	gray	**ST 2,5-PCB/ 7-G-5,2**	1980420	50
	8	41.6 mm	gray	**ST 2,5-PCB/ 8-G-5,2**	1980433	50
	9	46.8 mm	gray	**ST 2,5-PCB/ 9-G-5,2**	1980446	50
	10	52 mm	gray	**ST 2,5-PCB/10-G-5,2**	1980459	50
	11	57.2 mm	gray	**ST 2,5-PCB/11-G-5,2**	1980462	50
	12	62.4 mm	gray	**ST 2,5-PCB/12-G-5,2**	1980475	50
COMBI header	2	10.4 mm	gray			
	3	15.6 mm	gray			
	5	26 mm	gray			
	6	31.2 mm	gray			
	7	36.4 mm	gray			
	8	41.6 mm	gray			
	9	46.8 mm	gray			
	10	52 mm	gray			
	11	57.2 mm	gray			
	12	62.4 mm	gray			

Technical data

Width	Length	Height	
10.4	**18.1**	**21.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**-**	**-**
IEC	UL / CUL	CSA	Ex
500	300	-	-
24 / 2.5	15 / -	- / -	- / -
2.5			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5-PCBV/ 2-G-5,2	1980488	50
ST 2,5-PCBV/ 3-G-5,2	1980491	50
ST 2,5-PCBV/ 5-G-5,2	1980514	50
ST 2,5-PCBV/ 6-G-5,2	1980527	50
ST 2,5-PCBV/ 7-G-5,2	1980530	50
ST 2,5-PCBV/ 8-G-5,2	1980543	50
ST 2,5-PCBV/ 9-G-5,2	1980556	50
ST 2,5-PCBV/10-G-5,2	1980569	50
ST 2,5-PCBV/11-G-5,2	1980572	50
ST 2,5-PCBV/12-G-5,2	1980585	50

COMBI connectors

Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products

① ——○



24 A, connector, connection in plug-in direction

① ——○



24 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])							
Dimensions		Width	Length	Height	Height ins.		
	[mm]	**5.2 x Number of positions**	**15.8**	**39**	**24**		
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		24[2])	**500**	**0.08 - 4**	**28-12**		
Rated data		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	500	600	300	-		
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -		

Ordering data							
Description	No. of pos.	Width	Color	**Type**		**Order No.**	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	**SP 2,5/ 1**	①	3040258	50
	2	10.4 mm	gray	**SP 2,5/ 2**	①	3040261	50
	3	15.6 mm	gray	**SP 2,5/ 3**	①	3040274	50
	4	20.8 mm	gray	**SP 2,5/ 4**	①	3040287	50
	5	26 mm	gray	**SP 2,5/ 5**	①	3040290	50
	6	31.2 mm	gray	**SP 2,5/ 6**	①	3040300	25
	7	36.4 mm	gray	**SP 2,5/ 7**	①	3040313	25
	8	41.6 mm	gray	**SP 2,5/ 8**	①	3040326	25
	9	46.8 mm	gray	**SP 2,5/ 9**	①	3040339	25
	10	52 mm	gray	**SP 2,5/10**	①	3040342	25
	11	57.2 mm	gray	**SP 2,5/11**	①	3040355	10
	12	62.4 mm	gray	**SP 2,5/12**	①	3040368	10
	13	67.6 mm	gray	**SP 2,5/13**	①	3040371	10
	14	72.8 mm	gray	**SP 2,5/14**	①	3040384	10
	15	78 mm	gray	**SP 2,5/15**	①	3040397	10
	1	5.2 mm	blue	**SP 2,5/ 1 BU**	①	3040698	50
	1	5.2 mm	green-yellow	**SP 2,5/ 1 GNYE**	①	3040708	50
COMBI connector, left element	1	5.2 mm	gray	**SP 2,5/ 1-L**	①	3043019	50
	1	5.2 mm	blue	**SP 2,5/ 1-L BU**	①	3043022	50
	1	5.2 mm	green-yellow	**SP 2,5/ 1-L GNYE**	①	3043035	50
COMBI connector, center element	1	5.2 mm	gray	**SP 2,5/ 1-M**	①	3043043	50
	1	5.2 mm	blue	**SP 2,5/ 1-M BU**	①	3043051	50
	1	5.2 mm	green-yellow	**SP 2,5/ 1-M GNYE**	①	3043064	50
COMBI connector, right element	1	5.2 mm	gray	**SP 2,5/ 1-R**	①	3043077	50
	1	5.2 mm	blue	**SP 2,5/ 1-R BU**	①	3043080	50
	1	5.2 mm	green-yellow	**SP 2,5/ 1-R GNYE**	①	3043093	50

Accessories[1])			
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
4-pos.	black	**PZ/4**	3040643	50

COMBI connectors

Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products

① ——○



24 A, connector, connection in plug-in direction, cable housing can be snapped on

① ——○



24 A, connector, connection in plug-in direction, for self-assembly, cable housing can be snapped on

Technical data[1])

Dimensions	Width	Length	Height	Height ins.
[mm]	**5.2 x Number of positions**	**15.8**	**39**	**24**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24[2])	**500**	**0.08 - 4**	**26-12**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	300	300	-
Nominal current / cross section [A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Technical data[1])

Dimensions	Width	Length	Height	Height ins.
[mm]	**5.2 x Number of positions**	**15.8**	**39**	**24**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24[2])	**500**	**0.08 - 4**	**26-12**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	300	300	-
Nominal current / cross section [A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	**SP-H 2,5/ 1**	①	3210619	50
	2	10.4 mm	gray	**SP-H 2,5/ 2**	①	3210622	50
	3	15.6 mm	gray	**SP-H 2,5/ 3**	①	3210635	50
	4	20.8 mm	gray	**SP-H 2,5/ 4**	①	3210648	50
	5	26 mm	gray	**SP-H 2,5/ 5**	①	3210651	50
	6	31.2 mm	gray	**SP-H 2,5/ 6**	①	3210664	25
	7	36.4 mm	gray	**SP-H 2,5/ 7**	①	3210677	25
	8	41.6 mm	gray	**SP-H 2,5/ 8**	①	3210680	25
	9	46.8 mm	gray	**SP-H 2,5/ 9**	①	3210693	25
	10	52 mm	gray	**SP-H 2,5/10**	①	3210703	25
	11	57.2 mm	gray	**SP-H 2,5/11**	①	3210716	10
	12	62.4 mm	gray	**SP-H 2,5/12**	①	3210729	10
	13	67.6 mm	gray	**SP-H 2,5/13**	①	3210732	10
	14	72.8 mm	gray	**SP-H 2,5/14**	①	3210745	10
	15	78 mm	gray	**SP-H 2,5/15**	①	3210758	10
	1	5.2 mm	blue	**SP-H 2,5/ 1 BU**	①	3210761	50
	1	5.2 mm	green-yellow	**SP-H 2,5/ 1 GNYE**	①	3210774	50
COMBI connector, left element	1	5.2 mm	gray	**SP-H 2,5/ 1-L**	①	3210787	50
	1	5.2 mm	blue	**SP-H 2,5/ 1-L BU**	①	3210790	50
	1	5.2 mm	green-yellow	**SP-H 2,5/ 1-L GNYE**	①	3210800	50
COMBI connector, center element	1	5.2 mm	gray	**SP-H 2,5/ 1-M**	①	3210813	50
	1	5.2 mm	blue	**SP-H 2,5/ 1-M BU**	①	3210826	50
	1	5.2 mm	green-yellow	**SP-H 2,5/ 1-M GNYE**	①	3210839	50
COMBI connector, right element	1	5.2 mm	gray	**SP-H 2,5/ 1-R**	①	3210842	50
	1	5.2 mm	blue	**SP-H 2,5/ 1-R BU**	①	3210855	50
	1	5.2 mm	green-yellow	**SP-H 2,5/ 1-R GNYE**	①	3210868	50

Accessories[1])

		Type	Order No.	Pcs./Pkt.
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
4-pos.	black	**PZ/4**	3040643	50
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray	**DF-SP-H 2,5**	3209824	50
Cable housing, for SP-H ... and PP-H ... COMBI connectors, 2-pos.	gray	**PH 2,5/ 2**	3209691	50
3-pos.	gray	**PH 2,5/ 3**	3209701	50
4-pos.	gray	**PH 2,5/ 4**	3209714	50
5-pos.	gray	**PH 2,5/ 5**	3209727	50
6-pos.	gray	**PH 2,5/ 6**	3209730	25
7-pos.	gray	**PH 2,5/ 7**	3209743	25
8-pos.	gray	**PH 2,5/ 8**	3209756	25
9-pos.	gray	**PH 2,5/ 9**	3209507	25

Accessories[1])

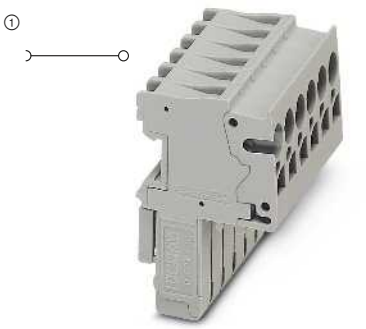
Type	Order No.	Pcs./Pkt.
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PZ/4	3040643	50
DF-SP-H 2,5	3209824	50
PH 2,5/ 2	3209691	50
PH 2,5/ 3	3209701	50
PH 2,5/ 4	3209714	50
PH 2,5/ 5	3209727	50
PH 2,5/ 6	3209730	25
PH 2,5/ 7	3209743	25
PH 2,5/ 8	3209756	25
PH 2,5/ 9	3209507	25

COMBI connectors

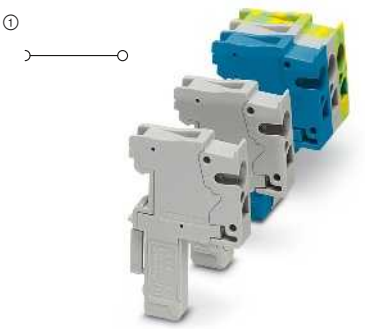
Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products



24 A, connector, connection at a right angle to the plug-in direction



24 A, connector, connection at a right angle to the plug-in direction, for self-assembly

Technical data[1])							
Dimensions							
	[mm]	Width	Length	Height	Height ins.		
		5.2 x Number of positions	**23.4**	**34**	**19**		
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
		24[2])	**500**	**0.08 - 4**	**26-12**		
Rated data		IEC	UL / CUL	CSA	Ex		
Rated voltage	[V]	500	600	-	-		
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	- / -	- / -		

Technical data[1])							
Width	Length	Height	Height ins.				
5.2 x Number of positions	**23.4**	**34**	**19**				
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)				
24[2])	**500**	**0.08 - 4**	**26-12**				
IEC	UL / CUL	CSA	Ex				
500	600	-	-				
24[2]) / 2.5	20 / -	- / -	- / -				

Description	No. of pos.	Width	Color	Ordering data Type		Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	**SPV 2,5/ 1**	①	3041710	50
	2	10.4 mm	gray	**SPV 2,5/ 2**	①	3041723	50
	3	15.6 mm	gray	**SPV 2,5/ 3**	①	3041736	50
	4	20.8 mm	gray	**SPV 2,5/ 4**	①	3041749	50
	5	26 mm	gray	**SPV 2,5/ 5**	①	3041752	50
	6	31.2 mm	gray	**SPV 2,5/ 6**	①	3041765	25
	7	36.4 mm	gray	**SPV 2,5/ 7**	①	3041778	25
	8	41.6 mm	gray	**SPV 2,5/ 8**	①	3041781	25
	9	46.8 mm	gray	**SPV 2,5/ 9**	①	3041794	25
	10	52 mm	gray	**SPV 2,5/10**	①	3041804	25
	11	57.2 mm	gray	**SPV 2,5/11**	①	3041817	10
	12	62.4 mm	gray	**SPV 2,5/12**	①	3041820	10
	13	67.6 mm	gray	**SPV 2,5/13**	①	3041833	10
	14	72.8 mm	gray	**SPV 2,5/14**	①	3041846	10
	15	78 mm	gray	**SPV 2,5/15**	①	3041859	10
	1	5.2 mm	blue	**SPV 2,5/ 1 BU**	①	3061017	50
	1	5.2 mm	green-yellow	**SPV 2,5/ 1 GNYE**	①	3061020	50
COMBI connector, left element	1	5.2 mm	gray	**SPV 2,5/ 1-L**	①	3041024	50
	1	5.2 mm	blue	**SPV 2,5/ 1-L BU**	①	3041037	50
	1	5.2 mm	green-yellow	**SPV 2,5/ 1-L GNYE**	①	3041040	50
COMBI connector, center element	1	5.2 mm	gray	**SPV 2,5/ 1-M**	①	3041053	50
	1	5.2 mm	blue	**SPV 2,5/ 1-M BU**	①	3041066	50
	1	5.2 mm	green-yellow	**SPV 2,5/ 1-M GNYE**	①	3041079	50
COMBI connector, right element	1	5.2 mm	gray	**SPV 2,5/ 1-R**	①	3041082	50
	1	5.2 mm	blue	**SPV 2,5/ 1-R BU**	①	3041095	50
	1	5.2 mm	green-yellow	**SPV 2,5/ 1-R GNYE**	①	3041105	50

Accessories[1])			
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Snap-on, for SPV connectors, 2-pos.	orange	**PRV/2**	3041862	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
4-pos.	black	**PZ/4**	3040643	50

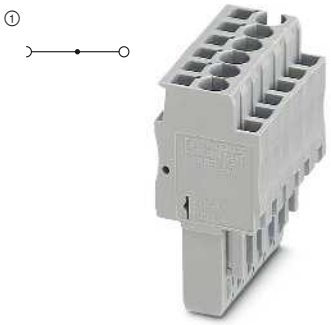
Accessories[1])			
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRV/2	3041862	50
PZ/2	3040627	50
PZ/4	3040643	50

COMBI connectors

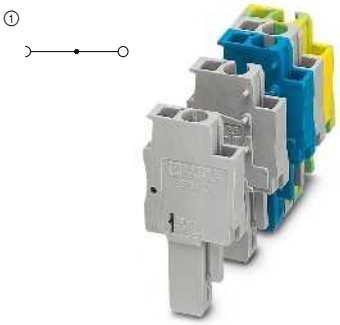
Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products



24 A, connector, connection in plug-in direction



24 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height	Height ins.
		5.2 x Number of positions	**20**	**39**	**24**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.08 - 4**	**28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height	Height ins.
		5.2 x Number of positions	**20**	**39**	**24**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.08 - 4**	**28-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	**SPB 2,5/ 1**	①	3040106	50
	2	10.4 mm	gray	**SPB 2,5/ 2**	①	3040119	50
	3	15.6 mm	gray	**SPB 2,5/ 3**	①	3040122	50
	4	20.8 mm	gray	**SPB 2,5/ 4**	①	3040135	50
	5	26 mm	gray	**SPB 2,5/ 5**	①	3040143	50
	6	31.2 mm	gray	**SPB 2,5/ 6**	①	3040151	25
	7	36.4 mm	gray	**SPB 2,5/ 7**	①	3040164	25
	8	41.6 mm	gray	**SPB 2,5/ 8**	①	3040177	25
	9	46.8 mm	gray	**SPB 2,5/ 9**	①	3040180	25
	10	52 mm	gray	**SPB 2,5/10**	①	3040193	25
	11	57.2 mm	gray	**SPB 2,5/11**	①	3040203	10
	12	62.4 mm	gray	**SPB 2,5/12**	①	3040216	10
	13	67.6 mm	gray	**SPB 2,5/13**	①	3040229	10
	14	72.8 mm	gray	**SPB 2,5/14**	①	3040232	10
	15	78 mm	gray	**SPB 2,5/15**	①	3040245	10
	1	5.2 mm	blue	**SPB 2,5/ 1 BU**	①	3040724	50
	1	5.2 mm	green-yellow	**SPB 2,5/ 1 GNYE**	①	3040711	50
COMBI connector, left element	1	5.2 mm	gray	**SPB 2,5/ 1-L**	①	3043103	50
	1	5.2 mm	blue	**SPB 2,5/ 1-L BU**	①	3043116	50
	1	5.2 mm	green-yellow	**SPB 2,5/ 1-L GNYE**	①	3043129	50
COMBI connector, center element	1	5.2 mm	gray	**SPB 2,5/ 1-M**	①	3043132	50
	1	5.2 mm	blue	**SPB 2,5/ 1-M BU**	①	3043145	50
	1	5.2 mm	green-yellow	**SPB 2,5/ 1-M GNYE**	①	3043158	50
COMBI connector, right element	1	5.2 mm	gray	**SPB 2,5/ 1-R**	①	3043161	50
	1	5.2 mm	blue	**SPB 2,5/ 1-R BU**	①	3043174	50
	1	5.2 mm	green-yellow	**SPB 2,5/ 1-R GNYE**	①	3043187	50

Accessories[1])

			Type	Order No.	Pcs./Pkt.
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange		**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange		**PR**	3040559	50
2-pos.	orange		**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black		**PZ/2**	3040627	50
4-pos.	black		**PZ/4**	3040643	50

Accessories[1])

Type	Order No.	Pcs./Pkt.
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50
PZ/4	3040643	50

2.5 mm² COMBI ST plug-in connection solutions

COMBI connectors

Notes:

[1]) For additional accessories and technical data, see page 310.

[2]) For derating curve, visit phoenixcontact.net/products

①



24 A, connector, two connections in plug-in direction

①



24 A, connector, two connections in plug-in direction, for self-assembly

Technical data[1])

Dimensions				
	Width	Length	Height	Height ins.
[mm]	**5.2 x Number of positions**	**32.7**	**39**	**24**
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24[2])	**500**	**0.08 - 4**	**28-12**
Maximum bridge current [A]	24 (FBS) / 17.5 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	300	-
Nominal current / cross section [A] / [mm²]	24[2]) / 2.5	20 / -	20 / -	- / -

Technical data[1])

	Width	Length	Height	Height ins.
	5.2 x Number of positions	**32.7**	**39**	**24**
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24[2])	**500**	**0.08 - 4**	**28-12**
	24 (FBS) / 17.5 (FBSR)			
	IEC	UL / CUL	CSA	Ex
	500	600	300	-
	24[2]) / 2.5	20 / -	20 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	**SPDB 2,5/ 1**	①	3040407	50
	2	10.4 mm	gray	**SPDB 2,5/ 2**	①	3040410	50
	3	15.6 mm	gray	**SPDB 2,5/ 3**	①	3040423	50
	4	20.8 mm	gray	**SPDB 2,5/ 4**	①	3040436	50
	5	26 mm	gray	**SPDB 2,5/ 5**	①	3040449	50
	6	31.2 mm	gray	**SPDB 2,5/ 6**	①	3040452	25
	7	36.4 mm	gray	**SPDB 2,5/ 7**	①	3040465	25
	8	41.6 mm	gray	**SPDB 2,5/ 8**	①	3040478	25
	9	46.8 mm	gray	**SPDB 2,5/ 9**	①	3040481	25
	10	52 mm	gray	**SPDB 2,5/10**	①	3040494	25
	11	57.2 mm	gray	**SPDB 2,5/11**	①	3040504	10
	12	62.4 mm	gray	**SPDB 2,5/12**	①	3040517	10
	13	67.6 mm	gray	**SPDB 2,5/13**	①	3040520	10
	14	72.8 mm	gray	**SPDB 2,5/14**	①	3040533	10
	15	78 mm	gray	**SPDB 2,5/15**	①	3040546	10
	1	5.2 mm	blue	**SPDB 2,5/ 1 BU**	①	3040737	50
	1	5.2 mm	green-yellow	**SPDB 2,5/ 1 GNYE**	①	3040740	50
COMBI connector, left element	1	5.2 mm	gray	**SPDB 2,5/ 1-L**	①	3043190	50
	1	5.2 mm	blue	**SPDB 2,5/ 1-L BU**	①	3043200	50
	1	5.2 mm	green-yellow	**SPDB 2,5/ 1-L GNYE**	①	3043213	50
COMBI connector, center element	1	5.2 mm	gray	**SPDB 2,5/ 1-M**	①	3043226	50
	1	5.2 mm	blue	**SPDB 2,5/ 1-M BU**	①	3043239	50
	1	5.2 mm	green-yellow	**SPDB 2,5/ 1-M GNYE**	①	3043242	50
COMBI connector, right element	1	5.2 mm	gray	**SPDB 2,5/ 1-R**	①	3043255	50
	1	5.2 mm	blue	**SPDB 2,5/ 1-R BU**	①	3043268	50
	1	5.2 mm	green-yellow	**SPDB 2,5/ 1-R GNYE**	①	3043271	50

Accessories[1])

Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50	
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50	
2-pos.	orange	**PR/2**	3040630	50	
Strain relief,for SPDB... connector and SC 2,5... coupling, 2-pos.	black	**PDZ/2**	3040562	50	
4-pos.	black	**PDZ/4**	3040575	50	

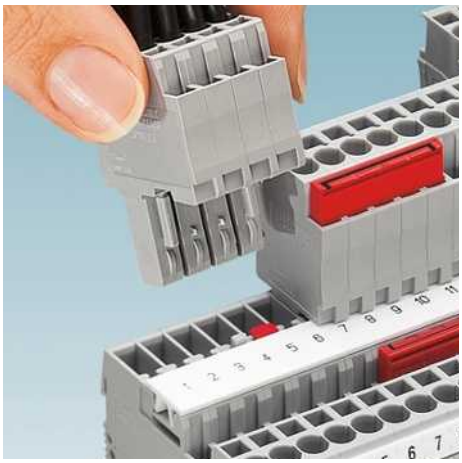
Ordering data

Type		Order No.	Pcs./Pkt.
SPDB 2,5/ 1-L	①	3043190	50
SPDB 2,5/ 1-L BU	①	3043200	50
SPDB 2,5/ 1-L GNYE	①	3043213	50
SPDB 2,5/ 1-M	①	3043226	50
SPDB 2,5/ 1-M BU	①	3043239	50
SPDB 2,5/ 1-M GNYE	①	3043242	50
SPDB 2,5/ 1-R	①	3043255	50
SPDB 2,5/ 1-R BU	①	3043268	50
SPDB 2,5/ 1-R GNYE	①	3043271	50

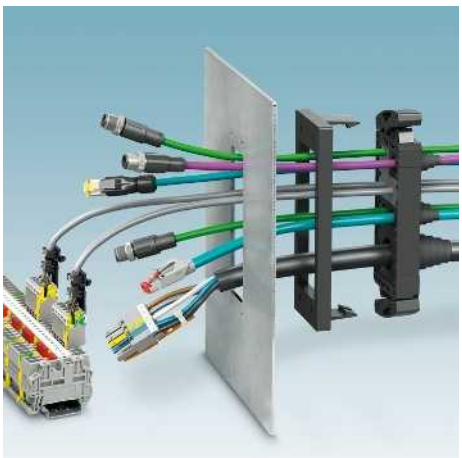
Accessories[1])

PRZ	3040614	50	
PR	3040559	50	
PR/2	3040630	50	
PDZ/2	3040562	50	
PDZ/4	3040575	50	

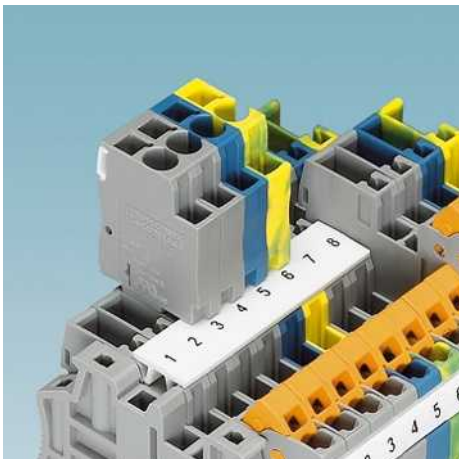
COMBI connectors with spring-cage connection



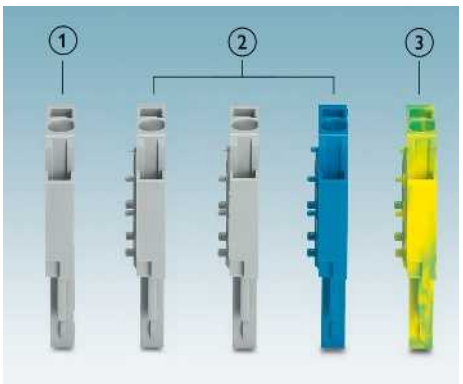
- Connector with scope for bridging, for use with basic terminal blocks
- The SPB 2,5/... connector is designed for connecting one conductor and also provides an additional bridging facility
- The SPDB 2,5/... connector is designed for connecting two conductors and also provides an additional bridging facility
- The CES cable entry system (see Catalog 2) enables the easy and space-saving installation of pre-assembled cables with IP54/IP65 protection in the control cabinet, see figure below



COMBI connectors with spring-cage connection for self-assembly



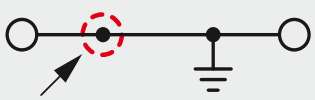
- The ST-COMBI connectors for self-assembly provide solutions that users can implement themselves
- Cable housings can be snapped onto the SP-H ... connectors
- The connector with spring-cage connection is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together
  ① SP 2,5/1-L
  ② SP 2,5/1-M and SP 2,5/1-M BU
  ③ SP 2,5/1-R GNYE



General technical data for 4 mm² COMBI ST spring-cage connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	4			
Cross section range	AWG	28 - 10			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
General data					
Stripping length	[mm]	8 - 10			
Insulating material		PA			
Flammability rating according to UL 94		V0			
Note: Additional or deviating data is documented for the product.					

Notes:



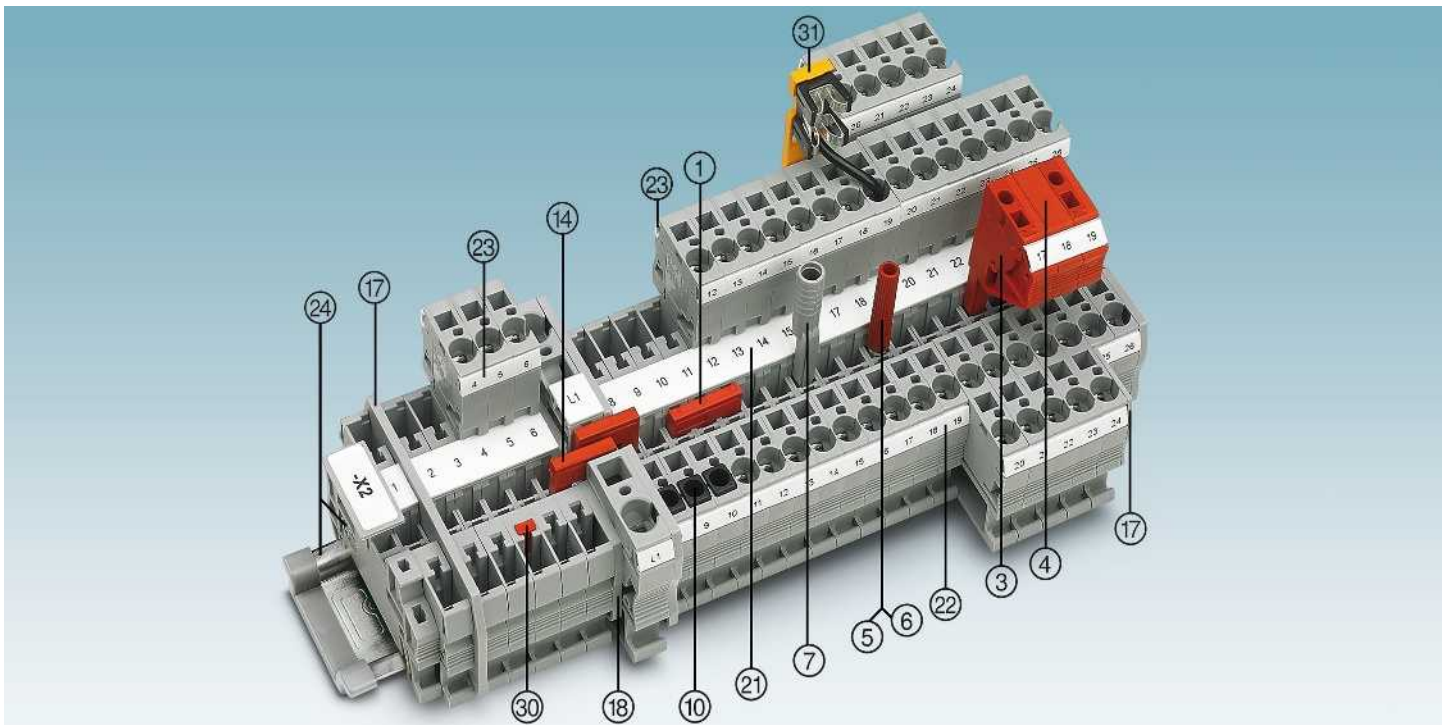
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 4 mm² COMBI ST spring-cage connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-6**	3030336	50	**FBSR 2-6**	3033715	50
	3	red	**FBS 3-6**	3030242	50	**FBSR 3-6**	3001594	50
	4	red	**FBS 4-6**	3030255	50	**FBSR 4-6**	3001595	50
	5	red	**FBS 5-6**	3030349	50	**FBSR 5-6**	3001596	50
	10	red	**FBS 10-6**	3030271	10	**FBSR 10-6**	3033716	10
	20	red	**FBS 20-6**	3030365	10			
③ **Modular test plug**		red	**PS-6**	3030996	10			
④ **Spacer plate**		red	**DP PS-6**	3036738	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑩ **Insulating sleeve,** 0.25 - 0.5 mm²		gray	**ISH 4/0,5**	3002885	50			
0.75 - 1 mm²		black	**ISH 4/1,0**	3002898	50			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

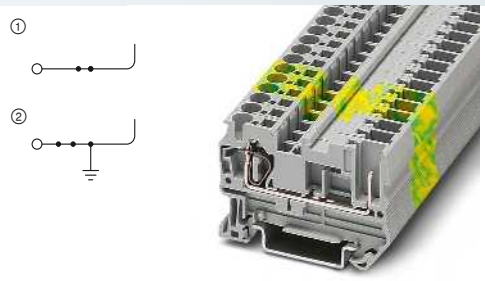
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 6, UCT-TM 6 or ZB 6. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables from page 68.**
㉓ **Lateral groove marking**	**UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

Feed-through and multi-conductor terminal blocks and ground terminals

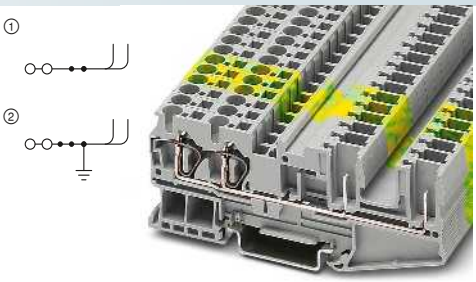
Notes:

1) For additional accessories and technical data, see page 326.

2) For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block



32 A, feed-through terminal block, 4 connections

Technical data1)

Dimensions				
	[mm]	Width	Length	Height
		6.2	55.8	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32²)	800	0.08 - 6 / 28-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	32²) / 4	30 / -	30 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 4/ 1P**	①	3042719	50
	blue	**ST 4/ 1P BU**	①	3042874	50
Ground terminal	green-yellow	**ST 4/ 1P-PE**	②	3042722	50

Accessories1)

Cover, width: 2.2 mm	gray	**D-ST 4**	3030420	50

Technical data1)

Dimensions				
	[mm]	Width	Length	Height
		6.2	97.3	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32²)	800	0.08 - 6 / 28-10
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	32²) / 4	30 / -	30 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 4-QUATTRO/2P**	①	3042845	50
	blue	**ST 4-QUATTRO/2P BU**	①	3042861	50
Ground terminal	green-yellow	**ST 4-QUATTRO/2P-PE**	②	3042858	50

Accessories1)

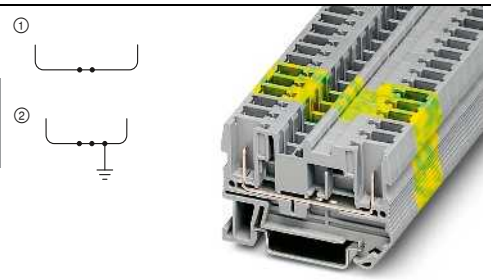
Cover, width: 2.2 mm	gray	**D-ST 4-QUATTRO/2P**	3043747	50

Feed-through and multi-conductor terminal blocks and ground terminals

Notes:

1) For additional accessories and technical data, see page 326.

2) For derating curve, visit phoenixcontact.net/products



32 A, feed-through terminal block

Technical data1)

Dimensions				
	[mm]	Width	Length	Height
		6.2	55.9	36.5 (NS 35/7,5)
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32²)	800	0.08 - 6 / -
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	800	-	- / -
Nominal current / cross section	[A] / [mm²]	32²) / 4	- / -	- / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**ST 4/ 2P**	①	3042735	50
	blue	**ST 4/ 2P BU**	①	3043789	50
Ground terminal	green-yellow	**ST 4/ 2P-PE**	②	3042748	50

Accessories1)

Cover, width: 2.2 mm	gray	**D-ST 4**	3030420	50

Feed-through and multi-conductor terminal blocks

– This plug-in basic terminal block can be fitted with 4 mm² COMBI connectors as well as crimp contacts in the CP 4/6 connector housing
– Conductors with crimped on STG-MTN ... module socket contacts can be easily snapped into the CP 4/6 connector housing

Notes:

[1]) For additional accessories and technical data, see page 326.

[2]) For derating curve, visit phoenixcontact.net/products





32 A, feed-through terminal block, 4 connections

Technical data[1])

Dimensions					
	[mm]	Width	Length	Height	
		6.2	**95.9**	**36.8 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**500**	**0.08 - 4**	**28-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	-	-
Nominal current / cross section	[A] / [mm²]	32[2]) / 4	30 / -	- / -	- / -
Cross section range	AWG	28 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.08 - 4	0.08 - 4	-	-

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block	gray	**ST 4-QUATTRO/4CP** ①	3042736	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-ST 4-QUATTRO/4CP**	3042739	10
Connector housing, for accommodating module socket contacts	gray	**CP 4/6**	3061049	10
Module socket contact, 0.5 - 1 mm²				
for conductors from 0.5 ... 1,0 mm²	silver	**STG-MTN 0,5-1,0**	3190438	100
for conductors from 1.5 ... 2.5 mm²	silver	**STG-MTN 1,5-2,5**	3190506	100

Couplings

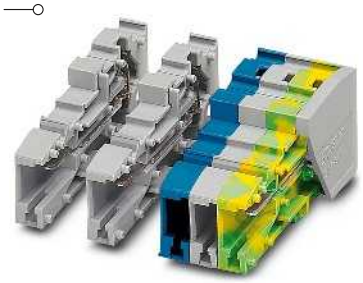
Notes:
1) For additional accessories and technical data, see page 326.
2) For derating curve, visit phoenixcontact.net/products

① —○



32 A, coupling

① —○



32 A, coupling, for self-assembly

cULus EAC

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		6.2 x Number of positions	**48.6**	**22.3**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**800**	**0.08 - 6**	**28-10**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	32[2]) / 4	30 / -	- / -	- / -

cULus EAC

Technical data[1])

		Width	Length	Height
		6.2 x Number of positions	**48.6**	**22.3**
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**800**	**0.08 - 6**	**28-10**
		IEC	UL / CUL	CSA	Ex
		800	600	-	-
		32[2]) / 4	30 / -	- / -	- / -

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling	2	gray	**SC 4/ 2**	①	3042450	50
	3	gray	**SC 4/ 3**	①	3042463	50
	4	gray	**SC 4/ 4**	①	3042476	50
	5	gray	**SC 4/ 5**	①	3042489	50
	6	gray	**SC 4/ 6**	①	3042492	25
	7	gray	**SC 4/ 7**	①	3042502	25
	8	gray	**SC 4/ 8**	①	3042515	25
	9	gray	**SC 4/ 9**	①	3042528	25
	10	gray	**SC 4/10**	①	3042531	25
	11	gray	**SC 4/11**	①	3042544	10
	12	gray	**SC 4/12**	①	3042557	10
	13	gray	**SC 4/13**	①	3042560	10
	14	gray	**SC 4/14**	①	3042573	10
	15	gray	**SC 4/15**	①	3042586	10
COMBI coupling, for self-assembly	1	gray				
	1	blue				
	1	green-yellow				

Ordering data

Type		Order No.	Pcs./Pkt.
SC 4/ 1-L	①	3042599	50
SC 4/ 1-L BU	①	3042609	50
SC 4/ 1-L GNYE	①	3042612	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Cover, 3.2 mm width	gray			
Strain relief, for SC 4... coupling, 2-pos.	black	**CZ/2**	3043831	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50

Accessories[1])

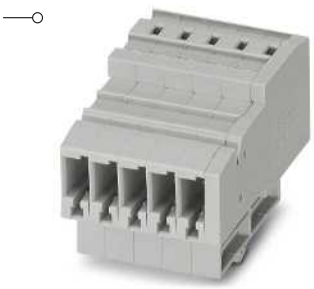
MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-SC 4	3043307	50
CZ/2	3043831	50
PC	3040588	50

Couplings

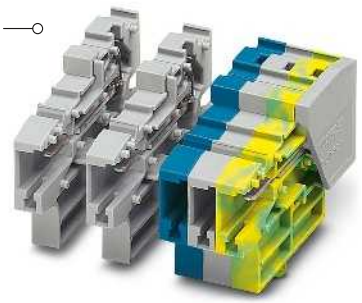
Notes:

[1]) For additional accessories and technical data, see page 326.

[2]) For derating curve, visit phoenixcontact.net/products

① 

32 A, coupling with securing pin

① 

32 A, coupling with securing pin, for self-assembly

cULus EAC

Technical data[1])

Dimensions	Width	Length	Height	
[mm]	**6.2 x Number of positions**	**48.6**	**31**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32[2])	**800**	**0.08 - 6**	**28-10**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	-	-
Nominal current / cross section [A] / [mm²]	32[2]) / 4	30 / -	- / -	- / -

Technical data[1])

Width	Length	Height	
6.2 x Number of positions	**48.6**	**31**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32[2])	**800**	**0.08 - 6**	**28-10**
IEC	UL / CUL	CSA	Ex
800	600	-	-
32[2]) / 4	30 / -	- / -	- / -

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling, with securing pin	2	gray	**SC 4-RZ/ 2**	①	3042625	50
	3	gray	**SC 4-RZ/ 3**	①	3042638	50
	4	gray	**SC 4-RZ/ 4**	①	3042641	50
	5	gray	**SC 4-RZ/ 5**	①	3042654	50
	6	gray	**SC 4-RZ/ 6**	①	3042667	25
	7	gray	**SC 4-RZ/ 7**	①	3042670	25
	8	gray	**SC 4-RZ/ 8**	①	3042683	25
	9	gray	**SC 4-RZ/ 9**	①	3042696	25
	10	gray	**SC 4-RZ/10**	①	3042706	25
	11	gray	**SC 4-RZ/11**	①	3043323	10
	12	gray	**SC 4-RZ/12**	①	3043336	10
	13	gray	**SC 4-RZ/13**	①	3043349	10
	14	gray	**SC 4-RZ/14**	①	3043352	10
	15	gray	**SC 4-RZ/15**	①	3043365	10
COMBI coupling, with securing pin, for self-assembly	1	gray				
	1	blue				
	1	green-yellow				

Ordering data

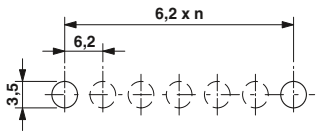
Type		Order No.	Pcs./Pkt.
SC 4-RZ/ 1-L	①	3043378	50
SC 4-RZ/ 1-L BU	①	3043381	50
SC 4-RZ/ 1-L GNYE	①	3043394	50

Accessories[1])

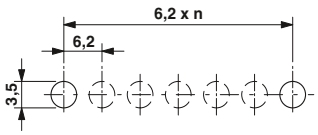
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Cover, 3.2 mm width	gray			
Strain relief, for SC 4... coupling, 2-pos.	black	**CZ/2**	3043831	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50

Accessories[1])

MPS-MT	0201744	10
MPS-IH RD	0201676	10
D-SC 4	3043307	50
CZ/2	3043831	50
PC	3040588	50



Drilling plan example: 1 x SC 4-RZ/ 6

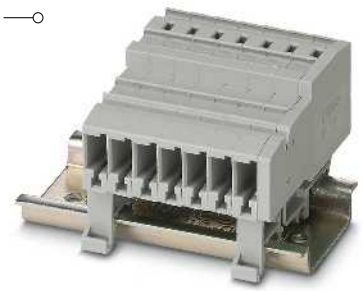


Drilling plan example: 6 x SC 4-RZ/ 1-L

Couplings

Notes:
1) For additional accessories and technical data, see page 326.
2) For derating curve, visit phoenixcontact.net/products

①



32 A, coupling for DIN rail mounting



Panel feed-through

cULus EAC

Technical data[1])

Dimensions				
Width	Length	Height		
6.2	**48.6**	**35.6 (NS 35/7,5) / 35.6 (NS 15)**		
[mm]				
Maximum electrical data				
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
32[2])	**800**	**0.08 - 6**	**28-10**	
Rated data				
IEC	UL / CUL	CSA	Ex	
Rated voltage [V]	800	600	-	-
Nominal current / cross section [A] / [mm²]	32[2]) / 4	30 / -	- / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
COMBI coupling	gray	**SC 4-NS/ 1-L**	①	3043404	50
Panel feed-through, for snapping on to couplings, 1 SSL 2,5 consists of a left-hand and a right-hand element, for metal thicknesses of 0.8 - 3 mm	gray				

Accessories[1])

Cover, 3.2 mm width	gray	**D-SC 4**	3043307	50
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red			

EAC

Technical data[1])

Width	Length	Height	
5.2	**-**		
		max. Ø [mm²]	AWG (UL)
		-	**-**
IEC	UL / CUL	CSA	Ex
-	-	-	-
-	- / -	- / -	- / -

Ordering data

Type	Order No.	Pcs./Pkt.
SSL 2,5	3043815	50

Accessories[1])

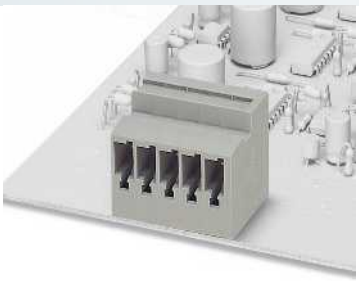
PC	3040588	50

4 mm² COMBI ST plug-in connection solutions

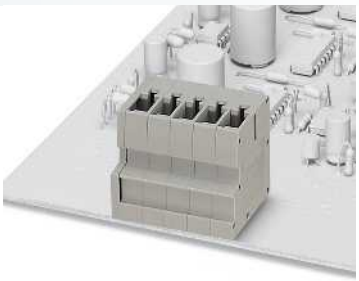
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



32 A, header, horizontal plug-in direction



32 A, header, vertical plug-in direction

Technical data

Dimensions				
	Width	Length	Height	
[mm]	**12.4**	**25.1**	**26**	
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32	**800**	**-**	**-**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	-	-
Nominal current / cross section [A] / [mm²]	32 / 4	20 / -	- / -	- / -
Rated cross section [mm²]	4			
General data				
Insulating material	PA			
Flammability rating according to UL 94	V0			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	12.4 mm	gray	**ST 4-PCB/ 2-G-6,2**	1980598	50
	3	18.9 mm	gray	**ST 4-PCB/ 3-G-6,2**	1980608	50
	4	24.8 mm	gray	**ST 4-PCB/ 4-G-6,2**	1980611	50
	5	31 mm	gray	**ST 4-PCB/ 5-G-6,2**	1980624	50
	6	37.2 mm	gray	**ST 4-PCB/ 6-G-6,2**	1980637	50
	7	43.4 mm	gray	**ST 4-PCB/ 7-G-6,2**	1980640	50
	8	49.6 mm	gray	**ST 4-PCB/ 8-G-6,2**	1980653	50
	9	55.8 mm	gray	**ST 4-PCB/ 9-G-6,2**	1980666	50
	10	62 mm	gray	**ST 4-PCB/10-G-6,2**	1980679	50
	11	68.2 mm	gray	**ST 4-PCB/11-G-6,2**	1980682	50
	12	74.4 mm	gray	**ST 4-PCB/12-G-6,2**	1980695	50

Technical data

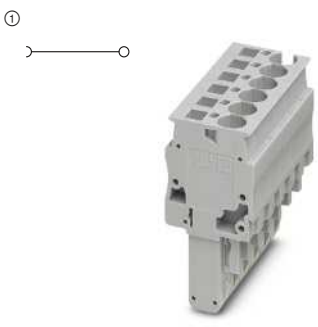
Width	Length	Height	
12.4	**26**	**25.1**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**800**	**-**	**-**
IEC	UL / CUL	CSA	Ex
800	600	-	-
32 / 4	20 / -	- / -	- / -
4			
PA			
V0			

Ordering data

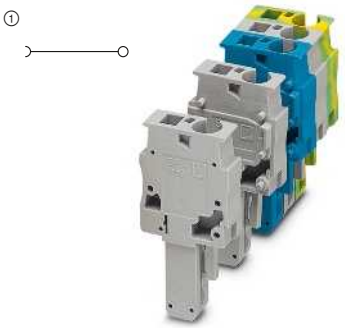
Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	12.4 mm	gray	**ST 4-PCBV/ 2-G-6,2**	1980705	50
	3	18.6 mm	gray	**ST 4-PCBV/ 3-G-6,2**	1980718	50
	4	24.8 mm	gray	**ST 4-PCBV/ 4-G-6,2**	1980721	50
	5	31 mm	gray	**ST 4-PCBV/ 5-G-6,2**	1980734	50
	6	37.2 mm	gray	**ST 4-PCBV/ 6-G-6,2**	1980747	50
	7	43.4 mm	gray	**ST 4-PCBV/ 7-G-6,2**	1980750	50
	8	49.6 mm	gray	**ST 4-PCBV/ 8-G-6,2**	1980763	50
	9	55.8 mm	gray	**ST 4-PCBV/ 9-G-6,2**	1980776	50
	10	62 mm	gray	**ST 4-PCBV/10-G-6,2**	1980789	50
	11	68.2 mm	gray	**ST 4-PCBV/11-G-6,2**	1980792	50
	12	74.4 mm	gray	**ST 4-PCBV/12-G-6,2**	1980802	50

COMBI connectors

Notes:
1) For additional accessories and technical data, see page 326.
2) For derating curve, visit phoenixcontact.net/products



32 A, connector, connection in plug-in direction



32 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])

Dimensions				
	Width	Length	Height	Height ins.
[mm]	**6.2 x Number of positions**	**21**	**41.5**	**24**
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32[2])	**800**	**0.08 - 6**	**28-10**
Rated data				
	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	-
Nominal current / cross section [A] / [mm²]	32[2]) / 4	30 / -	30 / -	- / -

Technical data[1])

	Width	Length	Height	Height ins.
	6.2 x Number of positions	**21**	**41.5**	**24**
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32[2])	**800**	**0.08 - 6**	**28-10**
	IEC	UL / CUL	CSA	Ex
	800	600	600	-
	32[2]) / 4	30 / -	30 / -	- / -

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	6.2 mm	gray	**SP 4/ 1**	①	3042887	50
	2	12.4 mm	gray	**SP 4/ 2**	①	3042890	50
	3	18.6 mm	gray	**SP 4/ 3**	①	3042900	50
	4	24.8 mm	gray	**SP 4/ 4**	①	3042926	50
	5	31 mm	gray	**SP 4/ 5**	①	3042939	50
	6	37.2 mm	gray	**SP 4/ 6**	①	3042942	25
	7	43.4 mm	gray	**SP 4/ 7**	①	3042955	25
	8	49.6 mm	gray	**SP 4/ 8**	①	3042968	25
	9	55.8 mm	gray	**SP 4/ 9**	①	3042971	25
	10	62 mm	gray	**SP 4/10**	①	3042984	25
	11	68.2 mm	gray	**SP 4/11**	①	3042997	10
	12	74.4 mm	gray	**SP 4/12**	①	3043006	10
	13	80.6 mm	gray	**SP 4/13**	①	3043718	10
	14	86.8 mm	gray	**SP 4/14**	①	3043721	10
	15	93 mm	gray	**SP 4/15**	①	3043734	10
	1	6.2 mm	blue	**SP 4/1 BU**	①	3061033	50
	1	6.2 mm	green-yellow	**SP 4/1 GNYE**	①	3061046	50
COMBI connector, left element	1	6.2 mm	gray	**SP 4/ 1-L**	①	3042751	50
	1	6.2 mm	blue	**SP 4/ 1-L BU**	①	3042764	50
	1	6.2 mm	green-yellow	**SP 4/ 1-L GNYE**	①	3042777	50
COMBI connector, center element	1	6.2 mm	gray	**SP 4/ 1-M**	①	3042780	50
	1	6.2 mm	blue	**SP 4/ 1-M BU**	①	3042793	50
	1	6.2 mm	green-yellow	**SP 4/ 1-M GNYE**	①	3042803	50
COMBI connector, right element	1	6.2 mm	gray	**SP 4/ 1-R**	①	3042816	50
	1	6.2 mm	blue	**SP 4/ 1-R BU**	①	3042829	50
	1	6.2 mm	green-yellow	**SP 4/ 1-R GNYE**	①	3042832	50

Accessories[1])

		Type	Order No.	Pcs./Pkt.
Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50

Accessories[1])

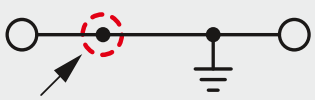
Type	Order No.	Pcs./Pkt.
MPS-MT	0201744	10
MPS-IH RD	0201676	10
PRZ	3040614	50
PR	3040559	50
PR/2	3040630	50
PZ/2	3040627	50

1.5 mm² COMBI QT plug-in connection solutions

General technical data for 1.5 mm² COMBI QT fast connection terminal blocks

Rated data		IEC 61984
Rated cross section	[mm²]	1.5
Cross section range	AWG	24 - 16
Connection cross section according to DIN VDE 0295		
H05V(Z) / H07V(Z)	[mm²]	0.5 - 1.5
Class 5 / Class 6 [litz wires Ø ≥ 0.1 mm]	[mm²]	0.25 - 0.34
[Litz wires Ø ≥ 0.19 mm]	AWG	24 - 16
Frequency of connections with the same cross section		100
General data		
Insulating material		PA
Flammability rating according to UL 94		V0
Note: Additional or deviating data is documented for the product.		

Notes:



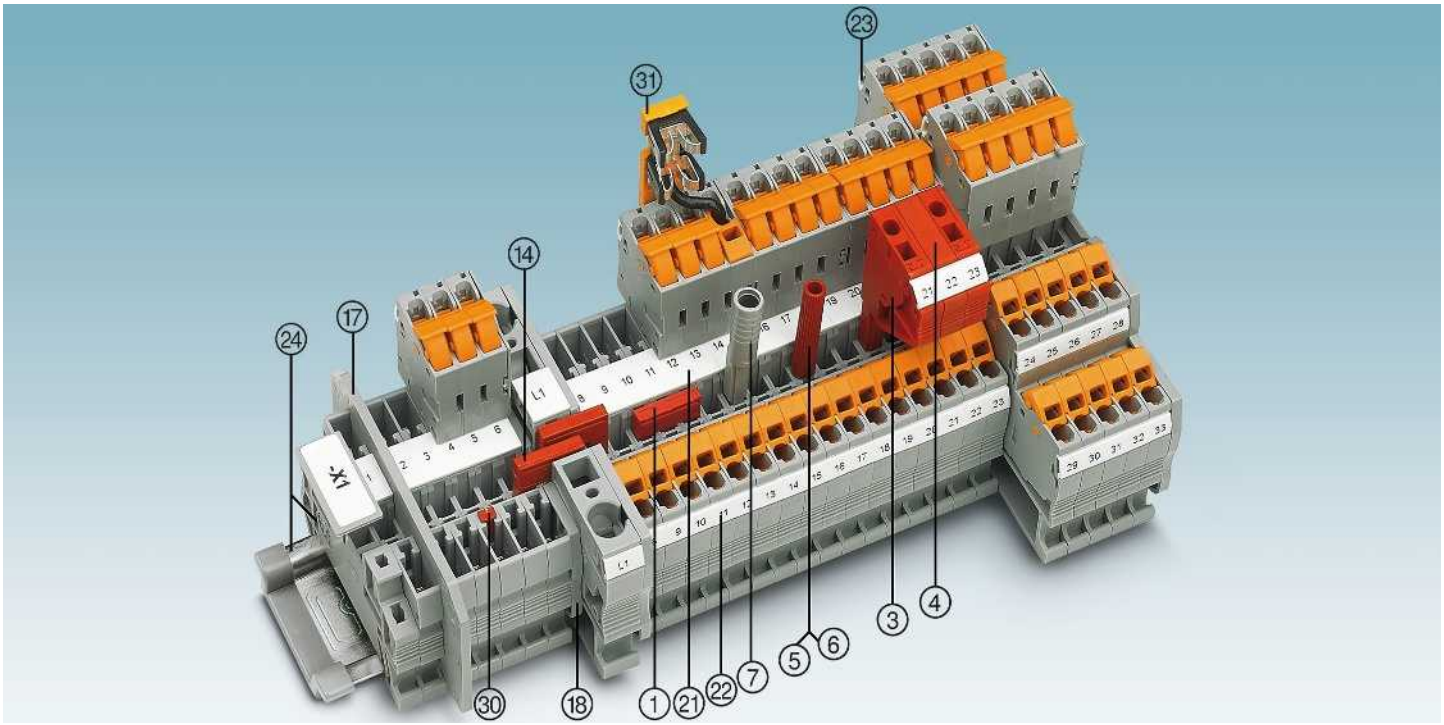
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 1.5 mm² COMBI QT fast connection terminal blocks

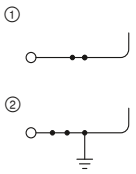


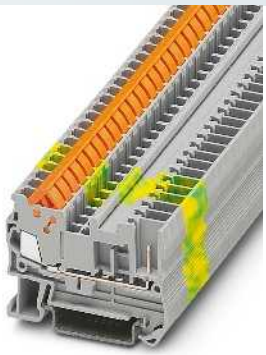
Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50	**FBSR 2-5**	3033702	50
	3	red	**FBS 3-5**	3030174	50	**FBSR 3-5**	3001591	50
	4	red	**FBS 4-5**	3030187	50	**FBSR 4-5**	3001592	50
	5	red	**FBS 5-5**	3030190	50	**FBSR 5-5**	3001593	50
	10	red	**FBS 10-5**	3030213	10	**FBSR 10-5**	3033710	10
	20	red	**FBS 20-5**	3030226	10			
③ **Modular test plug**		red	**PS-5**	3030983	10			
④ **Spacer plate**		red	**DP PS-5**	3036725	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SZF 1-0,6X3,5**	1204517	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉑ **Center groove marking**	**UC-TM 5, UCT-TM 5 or ZB 5. See also Catalog 3, selection tables from page 68.**
㉒ **Center and lateral groove marking**	**UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉓ **Lateral groove marking**	**UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

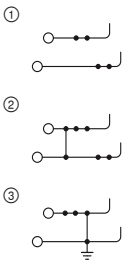
Feed-through and multi-level terminal blocks and ground terminals

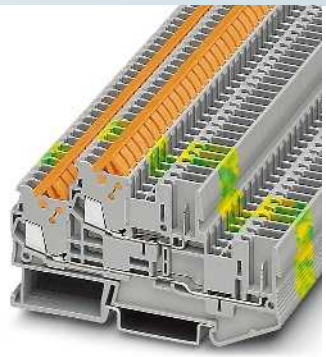
Notes:
1) For additional accessories and technical data, see page 334.
2) For derating curve, visit phoenixcontact.net/products





17.5 A, feed-through terminal block





17.5 A, double-level terminal block

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height
		5.2	**53.5**	**39.3 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5[2])	**500**	**0.25 - 1.5 / 24-16**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	10 / -	10 / - / - / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...	gray	**QTC 1,5/ 1P**	①	3050073	50
	blue	**QTC 1,5/ 1P BU**	①	3050086	50
With potential distribution	gray				
Ground terminal	green-yellow	**QTC 1,5/ 1P-PE**	②	3050099	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-QTC 1,5/1P**	3206322	50

Technical data[1])

		Width	Length	Height
		5.2	**87.8**	**49.9 (NS 35/7,5)**
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5[2])	**500**	**0.25 - 1.5 / 24-16**
		24 (FBS) / 17.5 (FBSR)		
		IEC	UL / CUL	CSA / Ex
		500	600	600 / -
		17.5[2]) / 1.5	10 / -	10 / - / - / -

Ordering data

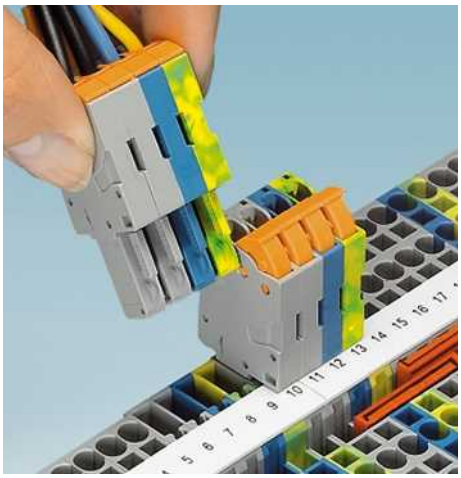
Type		Order No.	Pcs./Pkt.
QTTCB 1,5/ 2P	①	3050196	50
QTTCB 1,5/ 2P BU	①	3050206	50
QTTCB 1,5/ 2P-PV	②	3206377	50
QTTCB 1,5/ 2P-PE	③	3050219	50

Accessories[1])

D-QTTCB 1,5/2P	3206306	50

1.5 mm² COMBI QT plug-in connection solutions

COMBI connectors



- When it comes to the connectors, as is the case with the basic terminal blocks, the right connection technology is available for every application
- The QP 1,5/... fast connector is designed for connection of solid and stranded conductors
- The conductor is connected using the familiar IDC rotation connection with no stripping, thus saving time

Notes:

[1]) For additional accessories and technical data, see page 334.

[2]) For derating curve, visit phoenixcontact.net/products

For further accessories, see page 362.

① ○——



17.5 A, connector, connection in plug-in direction

Technical data[1])

Dimensions			
Width	Length	Height	Height ins.
5.2 x Number of positions	**20**	**40**	**24**
[mm]			

Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5[2])	**500**	**0.25 - 1.5**	**24-16**

Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	600	-
Nominal current / cross section [A] / [mm²]	17.5[2]) / 1.5	10 / -	10 / -	- / -

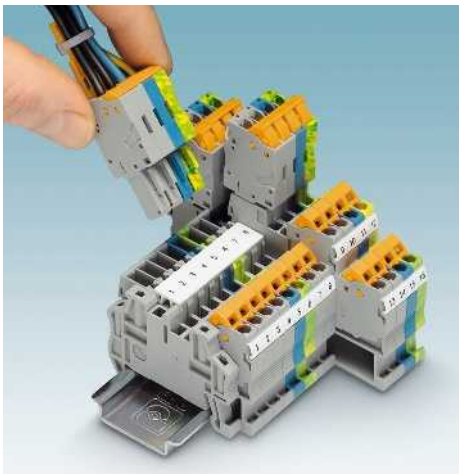
Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
COMBI connectors	1	5.2 mm	gray	**QP 1,5/ 1**	①	3051108	50
	2	10.4 mm	gray	**QP 1,5/ 2**	①	3051111	50
	3	15.6 mm	gray	**QP 1,5/ 3**	①	3051124	50
	4	20.8 mm	gray	**QP 1,5/ 4**	①	3051137	50
	5	26 mm	gray	**QP 1,5/ 5**	①	3051140	50
	6	31.2 mm	gray	**QP 1,5/ 6**	①	3051153	25
	7	36.4 mm	gray	**QP 1,5/ 7**	①	3051166	25
	8	41.6 mm	gray	**QP 1,5/ 8**	①	3051179	25
	9	46.8 mm	gray	**QP 1,5/ 9**	①	3051182	25
	10	52 mm	gray	**QP 1,5/10**	①	3051195	25
	11	57.2 mm	gray	**QP 1,5/11**	①	3051205	10
	12	62.4 mm	gray	**QP 1,5/12**	①	3051218	10
	13	67.6 mm	gray	**QP 1,5/13**	①	3051221	10
	14	72.8 mm	gray	**QP 1,5/14**	①	3051234	10
	15	78 mm	gray	**QP 1,5/15**	①	3051247	10
	1	5.2 mm	blue	**QP 1,5/ 1 BU**	①	3051250	50
	1	5.2 mm	green-yellow	**QP 1,5/ 1 GNYE**	①	3051263	50

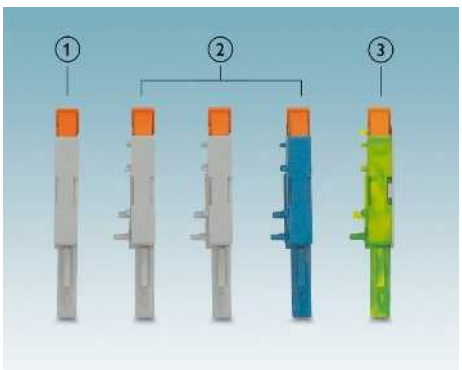
Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
4-pos.	black	**PZ/4**	3040643	50

COMBI connectors



- The QT-COMBI connectors for self-assembly provide solutions that users can implement themselves
- The QP 1,5/... fast connector is designed for connection of solid and stranded conductors
- The conductor is connected using the familiar IDC rotation connection with no stripping, thus saving time
- The connector with fast connection is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together
  ① QP 1,5/1-L
  ② QP 1,5/1-M and QP 1.5/1-M BU
  ③ QP 1,5/1-R GNYE

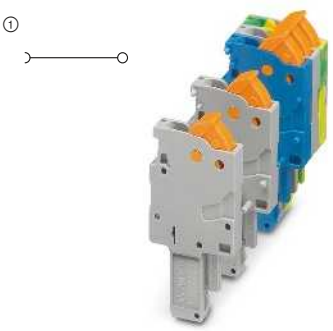


Notes:

[1]) For additional accessories and technical data, see page 334.

[2]) For derating curve, visit phoenixcontact.net/products

For further accessories, see page 362.



17.5 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])

Dimensions				
	[mm]	Width	Length	Height	Height ins.
		5.2 x Number of positions	**20**	**40**	**24**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5[2])	**500**	**0.25 - 1.5**	**24-16**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	17.5[2]) / 1.5	10 / -	10 / -	- / -

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
COMBI connector, left element	1	gray	**QP 1,5/ 1-L**	①	3051014	50
	1	blue	**QP 1,5/ 1-L BU**	①	3051027	50
	1	green-yellow	**QP 1,5/ 1-L GNYE**	①	3051030	50
COMBI connector, center element	1	gray	**QP 1,5/ 1-M**	①	3051043	50
	1	blue	**QP 1,5/ 1-M BU**	①	3051056	50
	1	green-yellow	**QP 1,5/ 1-M GNYE**	①	3051069	50
COMBI connector, right element	1	gray	**QP 1,5/ 1-R**	①	3051072	50
	1	blue	**QP 1,5/ 1-R BU**	①	3051085	50
	1	green-yellow	**QP 1,5/ 1-R GNYE**	①	3051098	50

Accessories[1])

Test plug metal part, 2.3 mm Ø	silver	**MPS-MT**	0201744	10
Insulating sleeve, for MPS metal part	red	**MPS-IH RD**	0201676	10
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
4-pos.	black	**PZ/4**	3040643	50

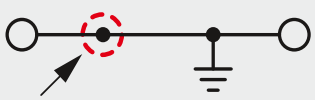
2.5 mm² COMBI UT plug-in connection solutions

General technical data for 2.5 mm² COMBI UT screw connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	2.5			
Cross section range	AWG	26 - 12			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	0.14 - 2.5	0.14 - 2.5
2 conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	9			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



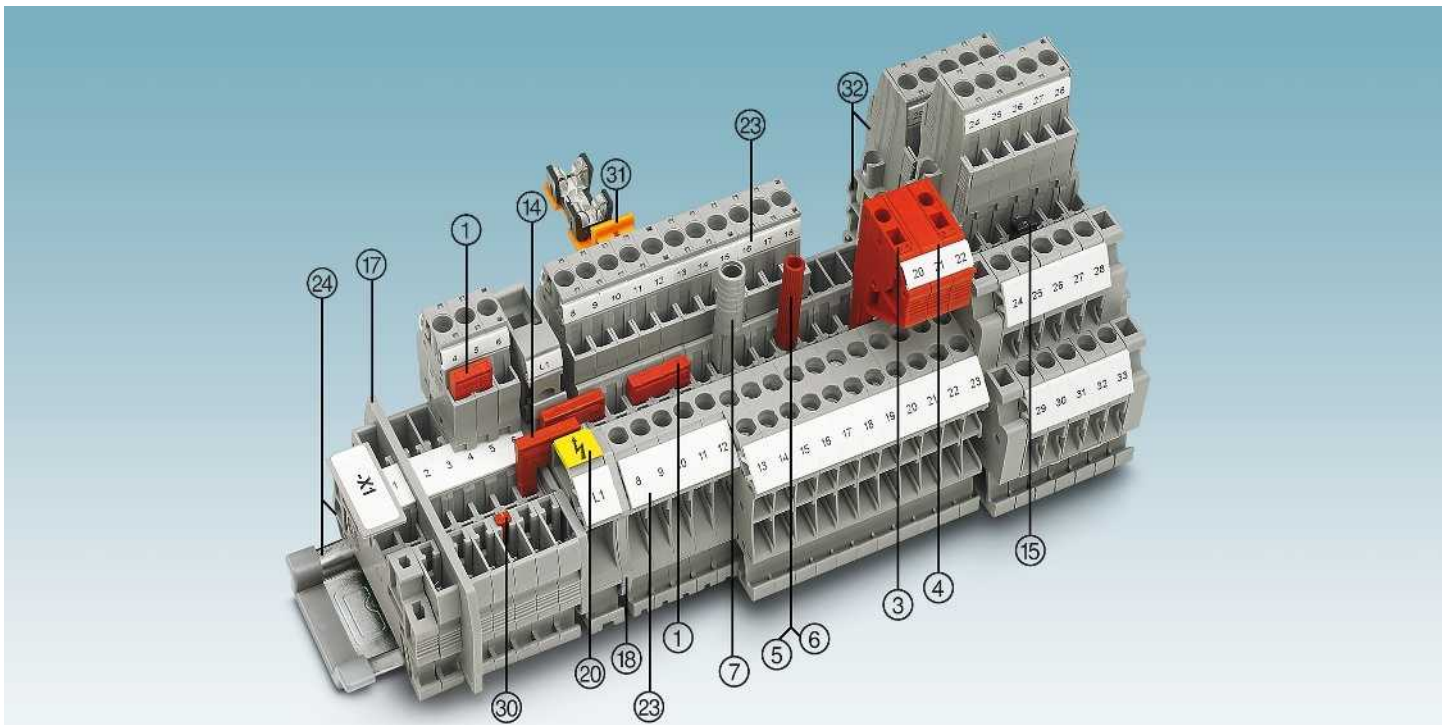
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² COMBI UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-5**	3030161	50	**FBSR 2-5**	3033702	50
	3	red	**FBS 3-5**	3030174	50	**FBSR 3-5**	3001591	50
	4	red	**FBS 4-5**	3030187	50	**FBSR 4-5**	3001592	50
	5	red	**FBS 5-5**	3030190	50	**FBSR 5-5**	3001593	50
	10	red	**FBS 10-5**	3030213	10	**FBSR 10-5**	3033710	10
	20	red	**FBS 20-5**	3030226	10			
③ **Modular test plug**		red	**PS-5**	3030983	10			
④ **Spacer plate**		red	**DP PS-5**	3036725	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑮ **Vertical potential bridge**	**For FBS-PV ..., see page 398.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**Terminal block: UC-TM 5, UCT-TM 5 or ZB 5. Connector: UC-TMF 5, UCT-TMF 5 or ZBF 5. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
㉜ **Screw flanges, screw flange cover**	**See from page 370.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

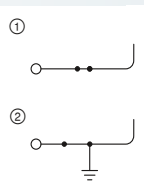
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

[1]) For additional accessories and technical data, see page 338.

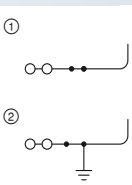
[2]) For derating curve, visit phoenixcontact.net/products

For screw flange, see page 370.





24 A, feed-through terminal block





24 A, feed-through terminal block, 3 connections

Technical data[1])			
Dimensions			
Width	Length	Height	
5.2	49.1	47.5 (NS 35/7,5)	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	500	0.14 - 4	26-12
Maximum bridge current		24 (FBS) / 17.5 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage		500	300	300	-
Nominal current / cross section		24[2]) / 2.5	20 / -	20 / -	- / -
Connection capacity					
solid	stranded	Ferrule without/with plastic sleeve	
2 conductors (of the same type)		0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 stranded conductors with a TWIN ferrule		-	-	-	0.5 - 1.5

Technical data[1])			
Dimensions			
Width	Length	Height	
5.2	55.7	47.5 (NS 35/7,5)	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	500	0.14 - 4	26-12
Maximum bridge current		24 (FBS) / 17.5 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage		500	300	-	-
Nominal current / cross section		24[2]) / 2.5	20 / -	- / -	- / -
Connection capacity					
solid	stranded	Ferrule without/with plastic sleeve	
2 conductors (of the same type)		0.14 - 1.5	0.14 - 1.5	0.14 - 1	-
2 stranded conductors with a TWIN ferrule		-	-	-	0.5 - 1

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Ordering data			
Type		Order No.	Pcs./Pkt.
UT 2,5/1P	1	3045017	50
UT 2,5/1P BU	1	3045020	50
UT 2,5/1P-PE	2	3045033	50
Accessories[1])			
D-UT 2,5/1P		3047154	50

Ordering data			
Type		Order No.	Pcs./Pkt.
UT 2,5-TWIN/1P	1	3060490	50
UT 2,5-TWIN/1P BU	1	3060500	50
UT 2,5-TWIN/1P-PE	2	3060513	50
Accessories[1])			
D-UT 4-TWIN/ 1P		3045237	50

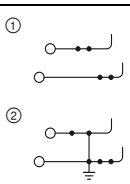
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

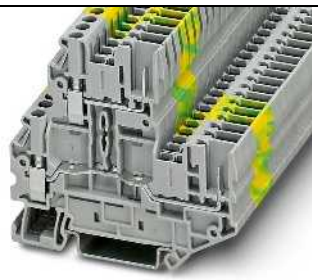
Notes:

[1]) For additional accessories and technical data, see page 338.

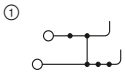
[2]) For derating curve, visit phoenixcontact.net/products

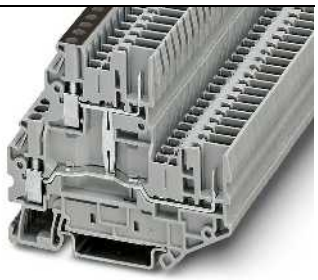
For screw flange, see page 370.





24 A, feed-through terminal block





24 A, double-level terminal block with equipotential bonder

Technical data[1])			
Dimensions			
Width	Length	Height	
5.2	74.3	65 (NS 35/7,5)	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	500	0.14 - 4	26-12
Maximum bridge current		24 (FBS) / 17.5 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage		500	600	-	-
Nominal current / cross section		24[2]) / 2.5	20 / -	- / -	- / -

Technical data[1])			
Dimensions			
Width	Length	Height	
5.2	74.3	65 (NS 35/7,5)	
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	500	0.14 - 4	26-12
Maximum bridge current		24 (FBS) / 17.5 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage		500	600	-	-
Nominal current / cross section		24[2]) / 2.5	20 / -	- / -	- / -

Description	Color
Terminal block	gray
	blue
	gray
	blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

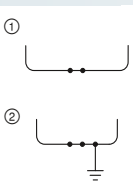
Ordering data			
Type		Order No.	Pcs./Pkt.
UTTB 2,5/2P	1	3060351	50
UTTB 2,5/2P BU	1	3060364	50
UTTB 2,5/2P-PE	2	3060380	50
Accessories[1])			
D-UTTB 2,5/4 2P		3060393	50

Ordering data			
Type		Order No.	Pcs./Pkt.
UTTB 2,5/2P-PV	1	3060377	50
UTTB 2,5/2P-PV BU	1	3060487	50
Accessories[1])			
D-UTTB 2,5/4 2P		3060393	50

2.5 mm² COMBI UT plug-in connection solutions

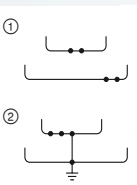
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

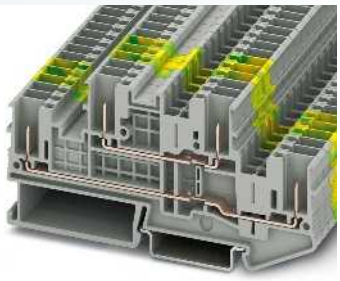
Notes:
1) For additional accessories and technical data, see page 338.
2) For derating curve, visit phoenixcontact.net/products
For screw flange, see page 370.
For self-locking flange, see page 369.





24 A, feed-through terminal block





22 A, double-level terminal block

Technical data[1]				
Dimensions				
	[mm]	Width	Length	Height
		5.2	**49.1**	**36.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24[2])	**500**	**0.08 - 4** / **-**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	300 / -
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	20 / - / - / -
Cross section range	AWG	28 - 12	-	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5 / 0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5

Ordering data				
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
Terminal block	gray	**ST 2,5/2P** ①	3042133	50
	blue	**ST 2,5/2P BU** ①	3042094	50
Ground terminal	green-yellow	**ST 2,5/2P-PE** ②	3042146	50

Accessories[1]			
Cover, width: 2.2 mm	gray	**D-ST 2,5**	3030417	50

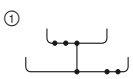
Technical data[1]				
Dimensions				
	[mm]	Width	Length	Height
		5.2	**98.8**	**47.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		22[2])	**500**	**0.08 - 4** / **-**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	22[2]) / 2.5	20 / -	20 / - / - / -
Cross section range	AWG	28 - 12	-	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5 / 0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5

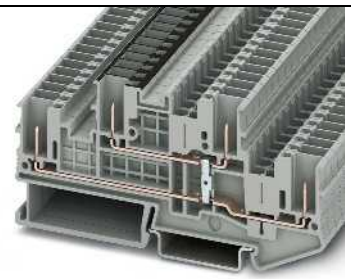
Ordering data				
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
Terminal block	gray	**STTB 2,5/4P** ①	3061486	50
		STTB 2,5/4P BU ①	3061512	50
		STTB 2,5/4P-PE ②	3061499	50

Accessories[1]			
		D-STTB 2,5/4P	3061538	50

Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:
1) For additional accessories and technical data, see page 338.
2) For derating curve, visit phoenixcontact.net/products





22 A, double-level terminal block with equipotential bonding

Technical data[1]				
Dimensions				
	[mm]	Width	Length	Height
		5.2	**98.8**	**47.5 (NS 35/7,5)**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		22[2])	**500**	**0.08 - 4** / **-**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)		
Rated data		IEC	UL / CUL	CSA / Ex
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	22[2]) / 2.5	20 / -	20 / - / - / -
Cross section range	AWG	28 - 12	-	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.08 - 4	0.08 - 2.5	0.14 - 2.5 / 0.14 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5

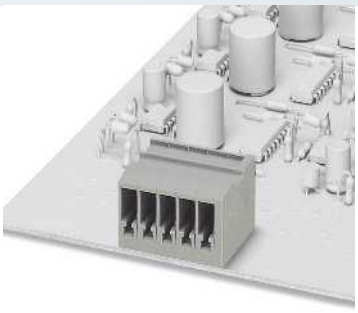
Ordering data				
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
Terminal block	gray	**STTB 2,5/4P-PV** ①	3061509	50

Accessories[1]			
Cover, width: 2.2 mm	gray	**D-STTB 2,5/4P**	3061538	50

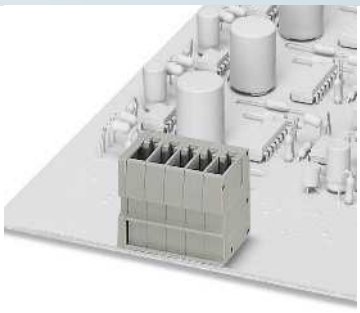
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



24 A, header, horizontal plug-in direction



24 A, header, vertical plug-in direction

Technical data

Dimensions					
	[mm]	Width	Length	Height	
		10.4	**21.7**	**18.1**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500**	**-**	**-**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	300	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	- / -	- / -
Rated cross section	[mm²]	2.5			
General data					
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	10.4 mm	gray	**ST 2,5-PCB/ 2-G-5,2**	1980378	50
	3	15.6 mm	gray	**ST 2,5-PCB/ 3-G-5,2**	1980381	50
	4	20.8 mm	gray	**ST 2,5-PCB/ 4-G-5,2**	1980394	50
	5	26 mm	gray	**ST 2,5-PCB/ 5-G-5,2**	1980404	50
	6	31.2 mm	gray	**ST 2,5-PCB/ 6-G-5,2**	1980417	50
	7	36.4 mm	gray	**ST 2,5-PCB/ 7-G-5,2**	1980420	50
	8	41.6 mm	gray	**ST 2,5-PCB/ 8-G-5,2**	1980433	50
	9	46.8 mm	gray	**ST 2,5-PCB/ 9-G-5,2**	1980446	50
	10	52 mm	gray	**ST 2,5-PCB/10-G-5,2**	1980459	50
	11	57.2 mm	gray	**ST 2,5-PCB/11-G-5,2**	1980462	50
	12	62.4 mm	gray	**ST 2,5-PCB/12-G-5,2**	1980475	50

Technical data

Width	Length	Height	
10.4	**18.1**	**21.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**500**	**-**	**-**
IEC	UL / CUL	CSA	Ex
500	300	-	-
24 / 2.5	15 / -	- / -	- / -
2.5			
PA			
V0			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	10.4 mm	gray	**ST 2,5-PCBV/ 2-G-5,2**	1980488	50
	3	15.6 mm	gray	**ST 2,5-PCBV/ 3-G-5,2**	1980491	50
	4	20.8 mm	gray	**ST 2,5-PCBV/ 4-G-5,2**	1980501	50
	5	26 mm	gray	**ST 2,5-PCBV/ 5-G-5,2**	1980514	50
	6	31.2 mm	gray	**ST 2,5-PCBV/ 6-G-5,2**	1980527	50
	7	36.4 mm	gray	**ST 2,5-PCBV/ 7-G-5,2**	1980530	50
	8	41.6 mm	gray	**ST 2,5-PCBV/ 8-G-5,2**	1980543	50
	9	46.8 mm	gray	**ST 2,5-PCBV/ 9-G-5,2**	1980556	50
	10	52 mm	gray	**ST 2,5-PCBV/10-G-5,2**	1980569	50
	11	57.2 mm	gray	**ST 2,5-PCBV/11-G-5,2**	1980572	50
	12	62.4 mm	gray	**ST 2,5-PCBV/12-G-5,2**	1980585	50

2.5 mm² COMBI UT plug-in connection solutions

COMBI connectors



- When it comes to the connectors, as is the case with the basic terminal blocks, the right connection technology is available for every application
- Comprehensive, optional snap-on accessories available
- Practical coding facility
- Large marking option
- The screw plugs can be combined with COMBI terminal blocks with all forms of connection technology and are available in two versions

UPBV ... connectors

- Bridgeable with the FBS ... standard bridges
- Side conductor connection
- Screw actuation from above
- The connected conductors can be passed directly into the cable duct to save space

Notes:

[1]) For additional accessories and technical data, see page 338.

[2]) For derating curve, visit phoenixcontact.net/products

①



24 A, connector, connection at a right angle to the plug-in direction

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Connection capacity	
2 stranded conductors with a TWIN ferrule	[mm²]

Technical data[1])

Width	Length	Height	Height ins.
5.2 x Number of positions	**20.5**	**47**	**32.2**
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[2])	**500**	**0.14 - 4**	**26-12**
24 (FBS) / 17.5 (FBSR)			
IEC	UL / CUL	CSA	Ex
500	600	-	-
24[2]) / 2.5	20 / -	- / -	- / -
solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	0.5 - 1

Description	No. of pos.	Width	Color
Connector	1	5.2 mm	gray
	2	10.4 mm	gray
	3	15.6 mm	gray
	4	20.8 mm	gray
	5	26 mm	gray
	6	31.2 mm	gray
	7	36.4 mm	gray
	8	41.6 mm	gray
	9	46.8 mm	gray
	10	52 mm	gray
	11	57.2 mm	gray
	12	62.4 mm	gray
	13	67.6 mm	gray
	14	72.8 mm	gray
	15	78 mm	gray
	1	5.2 mm	blue
	1	5.2 mm	green-yellow

Ordering data

Type		Order No.	Pcs./Pkt.
UPBV 2,5/ 1	①	3045145	50
UPBV 2,5/ 2	①	3045402	50
UPBV 2,5/ 3	①	3045415	50
UPBV 2,5/ 4	①	3045428	50
UPBV 2,5/ 5	①	3045431	50
UPBV 2,5/ 6	①	3045444	25
UPBV 2,5/ 7	①	3045457	25
UPBV 2,5/ 8	①	3045460	25
UPBV 2,5/ 9	①	3045473	25
UPBV 2,5/10	①	3045499	25
UPBV 2,5/11	①	3045509	10
UPBV 2,5/12	①	3045512	10
UPBV 2,5/13	①	3045525	10
UPBV 2,5/14	①	3045538	10
UPBV 2,5/15	①	3045541	10
UPBV 2,5/ 1 BU	①	3045240	50
UPBV 2,5/ 1 GNYE	①	3045253	50

Accessories[1])

Strain relief, for UPBV... connectors, 2-pos.	black	**UPZ/ 2**	3045554	50
Latching, for UPBV connectors, 2-pos.	orange	**UPR/ 2**	3045567	50
Latching and strain relief, for UPBV.... connectors, 2-pos.	orange	**UPRZ**	3045570	50
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI connectors	gray	**DF-UPBV 2,5/ 4**	3060432	50

COMBI connectors for self-assembly

Notes:
1) For additional accessories and technical data, see page 338.
2) For derating curve, visit phoenixcontact.net/products





24 A, connector, connection at a right angle to the plug-in direction

Technical data[1])

Dimensions		Width	Length	Height	Height ins.
	[mm]	**5.2 x Number of positions**	**20.5**	**47**	**32.2**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24[2])	**500**	**0.14 - 4**	**26-12**
Maximum bridge current	[A]	24 (FBS) / 17.5 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	-	-
Nominal current / cross section	[A] / [mm²]	24[2]) / 2.5	20 / -	- / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Connector, left element	1	gray	**UPBV 2,5/ 1-L**	1	3045318	50
	1	blue	**UPBV 2,5/ 1-L BU**	1	3045321	50
	1	green-yellow	**UPBV 2,5/ 1-L GNYE**	1	3045334	50
Connector, center element	1	gray	**UPBV 2,5/ 1-M**	1	3045347	50
	1	blue	**UPBV 2,5/ 1-M BU**	1	3045350	50
	1	green-yellow	**UPBV 2,5/ 1-M GNYE**	1	3045363	50
Connector, right element	1	gray	**UPBV 2,5/ 1-R**	1	3045376	50
	1	blue	**UPBV 2,5/ 1-R BU**	1	3045389	50
	1	green-yellow	**UPBV 2,5/ 1-R GNYE**	1	3045392	50

Accessories[1])

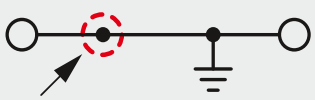
		Type	Order No.	Pcs./Pkt.
Strain relief, for UPBV... connectors, 2-pos.	black	**UPZ/ 2**	3045554	50
Latching, for UPBV connectors, 2-pos.	orange	**UPR/ 2**	3045567	50
Latching and strain relief, for UPBV.... connectors, 2-pos.	orange	**UPRZ**	3045570	50
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI connectors	gray	**DF-UPBV 2,5/ 4**	3060432	50

4 mm² COMBI UT plug-in connection solutions

General technical data for 4 mm² COMBI UT screw connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	4			
Cross section range	AWG	26 - 10			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
2 conductors (of the same type)	[mm²]	0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 2.5
General data					
Stripping length	[mm]	9			
Insulating material		PA			
Flammability rating according to UL 94		V0			
Note: Additional or deviating data is documented for the product.					

Notes:



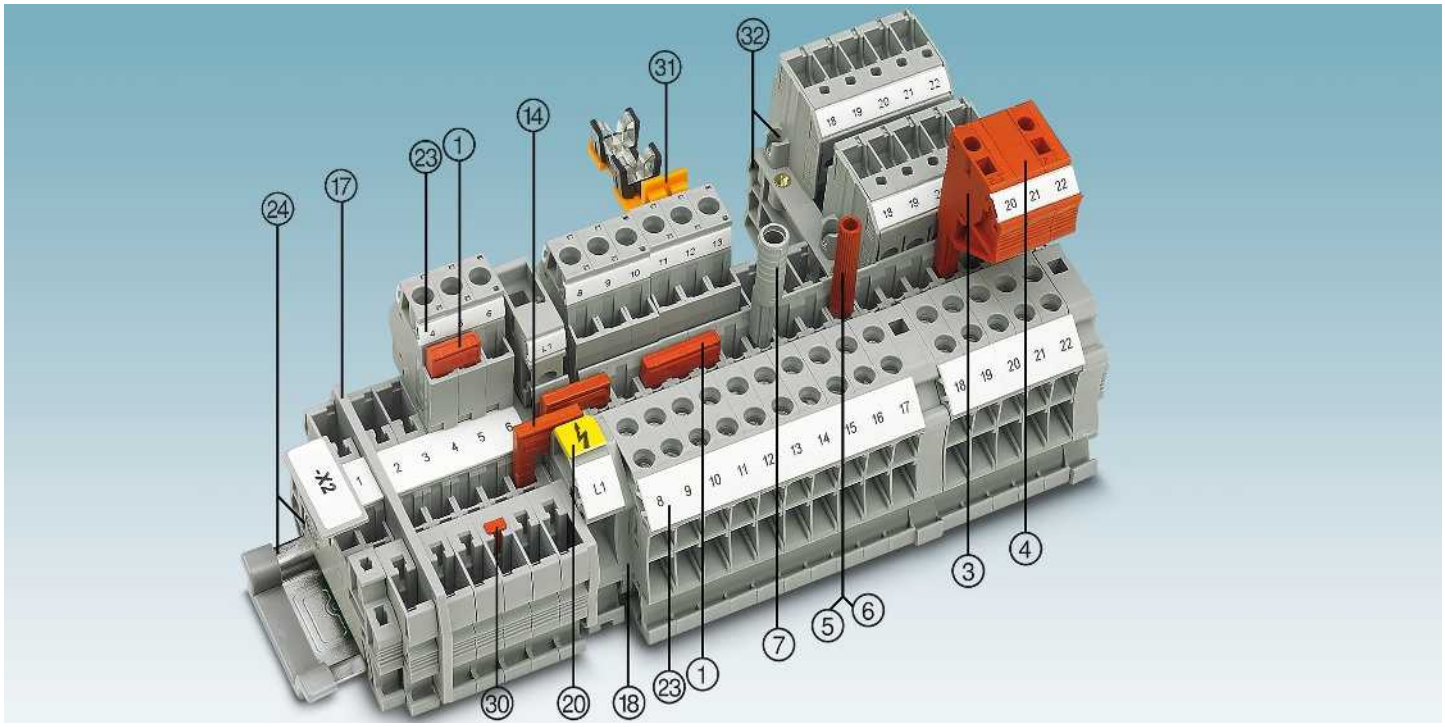
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 4 mm² COMBI UT screw connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-6**	3030336	50	**FBSR 2-6**	3033715	50
	3	red	**FBS 3-6**	3030242	50	**FBSR 3-6**	3001594	50
	4	red	**FBS 4-6**	3030255	50	**FBSR 4-6**	3001595	50
	5	red	**FBS 5-6**	3030349	50	**FBSR 5-6**	3001596	50
	10	red	**FBS 10-6**	3030271	10	**FBSR 10-6**	3033716	10
	20	red	**FBS 20-6**	3030365	10			
③ **Modular test plug**		red	**PS-6**	3030996	10			
④ **Spacer plate**		red	**DP PS-6**	3036738	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**Terminal block: UC-TM 6, UCT-TM 6 or ZB 6 Connector: UC-TMF 6, UCT-TMF 6 or ZBF 6. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
㉜ **Screw flanges, screw flange cover**	**See from page 370.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

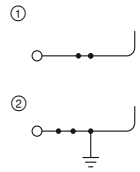
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

Notes:

1) For additional accessories and technical data, see page 344.

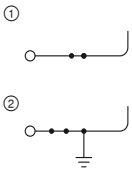
2) For derating curve, visit phoenixcontact.net/products

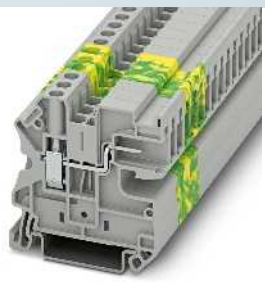
For screw flange, see page 370.





32 A, feed-through terminal block





32 A, feed-through terminal block, horizontal plug-in connection

Technical data[1]							
Dimensions	Width	Length	Height		Width	Length	Height	
[mm]	**6.2**	**47.6**	**47.5 (NS 35/7,5)**		**6.2**	**49.8**	**47.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32[2])	**800**	**0.14 - 6**	**26-10**	**32[2])**	**800**	**0.14 - 6**	**-**
Maximum bridge current [A]	32 (FBS) / 24 (FBSR)				32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	800	600	600	-	800	-	-	-
Nominal current / cross section [A] / [mm²]	32[2]) / 4	30 / -	30 / -	- / -	32[2]) / 4	- / -	- / -	- / -

Ordering data					Ordering data			
Description	Color	Type		Order No.	Pcs./Pkt.	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4/ 1P**	①	3045583	50	**UT 4/ 1P-H**	①	3001369	50
	blue	**UT 4/ 1P BU**	①	3045596	50				
Ground terminal	green-yellow	**UT 4/ 1P-PE**	②	3045606	50	**UT 4/ 1P-H-PE**	②	3001372	50

Accessories[1]				Accessories[1]			
Cover, width: 2.2 mm	gray	**D-UT 2,5/1P**	3047154	50	**D-UT 4/1P-H**	3001382	50

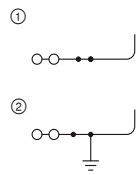
Feed-through, multi-conductor, and multi-level terminal blocks and ground terminals

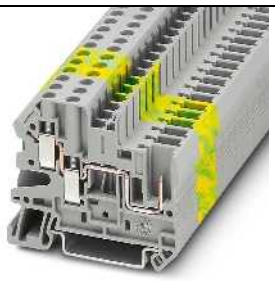
Notes:

1) For additional accessories and technical data, see page 344.

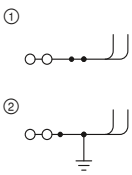
2) For derating curve, visit phoenixcontact.net/products

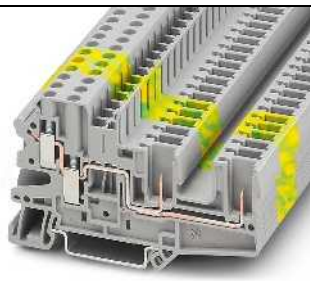
For screw flange, see page 370.





32 A, feed-through terminal block, 3 connections





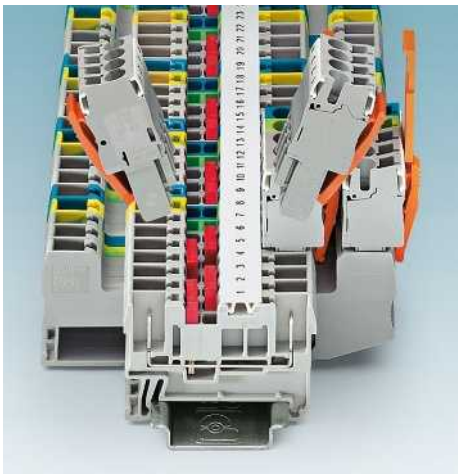
32 A, feed-through terminal block, 4 connections

Technical data[1]							
Dimensions	Width	Length	Height		Width	Length	Height	
[mm]	**6.2**	**55.7**	**47.5 (NS 35/7,5)**		**6.2**	**82.4**	**47.5 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32[2])	**500**	**0.14 - 6**	**26-10**	**32**	**500**	**0.14 - 6**	**26-10**
Maximum bridge current [A]	32 (FBS) / 24 (FBSR)				32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	500	600	300	-	500	600	300	-
Nominal current / cross section [A] / [mm²]	32[2]) / 4	30 / -	30 / -	- / -	32[2]) / 4	30 / -	30 / -	- / -
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve		solid	stranded	Ferrule without/with plastic sleeve	
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 1	-	-	-	0.5 - 1

Ordering data					Ordering data			
Description	Color	Type		Order No.	Pcs./Pkt.	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 4-TWIN/ 1P**	①	3060267	50	**UT 4-QUATTRO/ 2P**	①	3060296	50
	blue	**UT 4-TWIN/ 1P BU**	①	3060270	50	**UT 4-QUATTRO/ 2P BU**	①	3060306	50
Ground terminal	green-yellow	**UT 4-TWIN/ 1P-PE**	②	3060283	50	**UT 4-QUATTRO/ 2P-PE**	②	3060319	50

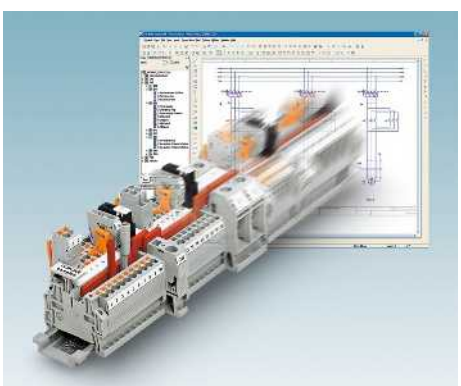
Accessories[1]				Accessories[1]			
Cover, width: 2.2 mm	gray	**D-UT 4-TWIN/ 1P**	3045237	50	**D-UT 4-QUATTRO/ 2P**	3045648	50

COMBI plug-in pin/pin double-level terminal blocks and ground terminals



- For the pin/pin versions of the COMBI series, connectors can be used on both sides of the terminal blocks
- This makes the COMBI system even more flexible as the terminal blocks are used as the connection element for modules
- Connection with the standard COMBI connectors
- The extensive range of accessories, such as latching, strain relief, encoding, and shield connection can be used
- Ground terminals with the same shape and pitch
- Contact is made free from mechanical and electrical errors by simply snapping onto the DIN rail
- All the requirements of IEC 60947-7-2 standard are met

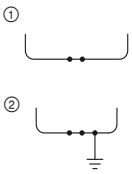
CLIP PROJECT planning enables the quick and convenient planning and configuration of error-free terminal strips.



Notes:

[1]) For additional accessories and technical data, see page 344.

[2]) For derating curve, visit phoenixcontact.net/products





32 A, feed-through terminal block

Dimensions		
		[mm]
Maximum electrical data		
Maximum bridge current		[A]
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm²]
Cross section range		AWG
Connection capacity		
1 conductor		[mm²]
2 stranded conductors with a TWIN ferrule		[mm²]

Technical data[1])

Width	Length	Height	
6.2	**55.9**	**36.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32[2])	**800**	**0.08 - 6**	**-**
32 (FBS) / 24 (FBSR)			
IEC	UL / CUL	CSA	Ex
800	-	-	-
32[2]) / 4	- / -	- / -	- / -
28 - 10	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
0.08 - 6	0.08 - 4	0.14 - 4	0.14 - 4
-	-	-	0.5 - 1

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow
Cover, width: 2.2 mm	gray

Ordering data

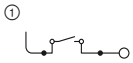
Type		Order No.	Pcs./Pkt.
ST 4/ 2P	①	3042735	50
ST 4/ 2P BU	①	3043789	50
ST 4/ 2P-PE	②	3042748	50

Accessories[1])

D-ST 4		3030420	50

Measuring transducer disconnect terminal blocks

Notes:
1) For additional accessories and technical data, see page 344.
2) For derating curve, visit phoenixcontact.net/products





28 A, measuring transducer disconnect terminal block

Technical data[1])

Dimensions				
	Width	Length	Height	
	[mm]	**6.2**	**71.1**	**47.7 (NS 35/7,5)**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	28[2])	**500**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)		
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	28[2]) / 4	25 / -	25 / -	- / -

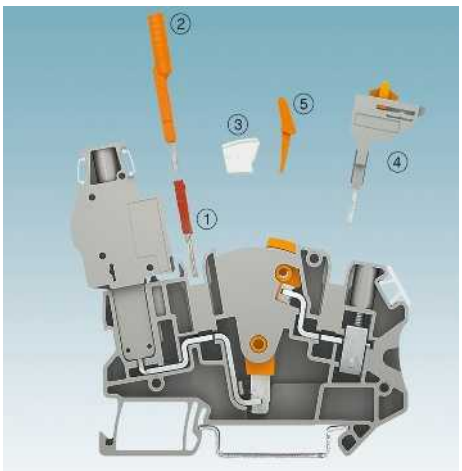
Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UTME 4/1P**	①	3057416	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UTME 4/1P**	3057429	10

Supplementary accessories for UTME 4/1P measuring transducer disconnect terminal blocks



– Only two UTME 4/1P measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit
– Less space required compared to creating circuits with slide-type terminal blocks

① FBS... plug-in bridge for cross connection
② 4 mm Ø PAI-4-FIX... test plug adapter
③ S-ME 4 switching lock
④ SB-ME... bridge bar
⑤ C−ME 4/2 operating lever

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange	**PAI-4-FIX-5/6 OG**	3035974	10
	1	yellow	**PAI-4-FIX-5/6 YE**	3035977	10
	1	green	**PAI-4-FIX-5/6 GN**	3035978	10
	1	violet	**PAI-4-FIX-5/6 VT**	3035979	10
	1	black	**PAI-4-FIX-5/6 BK**	3035980	10
	1	blue	**PAI-4-FIX-5/6 BU**	3035975	10
	1	red	**PAI-4-FIX-5/6 RD**	3035976	10
	1	gray	**PAI-4-FIX-5/6 GY**	3035982	10
	1	brown	**PAI-4-FIX-5/6 BN**	3035981	10
Switching lock, plug-in		white	**S-ME 4**	3035758	10
Bridge bar, plug-in	2	gray/orange	**SB-ME 2-6**	3035755	10
	3	gray/orange	**SB-ME 3-6**	3035756	10
	4	gray/orange	**SB-ME 4-6**	3035757	10
Operating lever, for actuating 2 meas. trans. disc. terminal blocks	2	orange	**C-ME 4/2**	3035759	10
	3	orange	**C-ME 4/3**	3035760	10

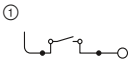
4 mm² COMBI UT plug-in connection solutions

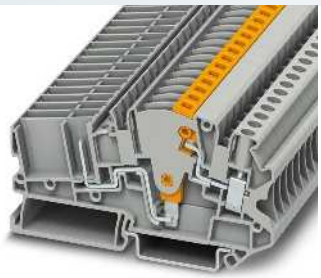
Measuring transducer disconnect terminal blocks

Notes:

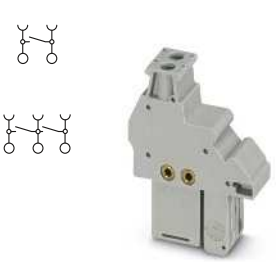
[1]) For additional accessories and technical data, see page 344.

[2]) For derating curve, visit phoenixcontact.net/products

① 



28 A, current transformer disconnect terminal block

① ② 

20 A, connector, with integrated short-circuit function

Technical data[1])			
Dimensions			
Width	Length	Height	
6.2	**86.5**	**49.5 (NS 35/7,5)**	
[mm]			
Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
28	**500**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)	
Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	600	-
Nominal current / cross section	[A] / [mm²]	28[2]) / 4	25 / -	25 / -	- / -
Connection capacity					
solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 6	0.14 - 4	0.14 - 4	0.14 - 4
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 2.5

Ordering data			
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
Terminal block	gray	**UTME 4-CT/1P** ①	3057432	50
Connector, with integrated short-circuit function, 2-pos.	gray			
3-pos.	gray			

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-UTME 4-CT/1P**	3057445	10

Technical data[1])			
Width	Length	Height	
12.4	**38.5**	**48.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**320**	**0.14 - 6**	**26-10**
-			
IEC	UL / CUL	CSA	Ex
320	300	300	-
20 / 4	25 / -	25 / -	- / -
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 6	0.14 - 6	0.14 - 4	0.14 - 4
-	-	-	0.5 - 1

Ordering data			
Type	**Order No.**	Pcs./Pkt.
UPCT 4/2 ①	3057461	10
UPCT 4/3 ②	3057458	10

Accessories[1])		

Supplementary accessories for UTME 4-CT/1P measuring transducer disconnect terminal blocks



- Only two UTME 4-CT/1P measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit
- Less space required compared to creating circuits with slide-type terminal blocks

① FBS... plug-in bridge for cross connection
② 4 mm Ø PAI-4-FIX... test plug adapter
③ S-ME 4 switching lock
④ SB-ME... bridge bar
⑤ C−ME 4/2 operating lever
⑥ PC-CT 6... coding set

Notes:

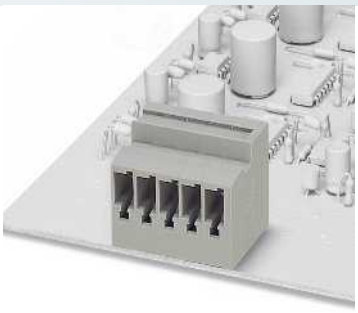
[1]) The coding set can be used to code up to 30 plugs.

Description	No. of pos.	Color	Ordering data: Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft	1	orange	**PAI-4-FIX-5/6 OG**	3035974	10
	1	yellow	**PAI-4-FIX-5/6 YE**	3035977	10
	1	green	**PAI-4-FIX-5/6 GN**	3035978	10
	1	violet	**PAI-4-FIX-5/6 VT**	3035979	10
	1	black	**PAI-4-FIX-5/6 BK**	3035980	10
	1	blue	**PAI-4-FIX-5/6 BU**	3035975	10
	1	red	**PAI-4-FIX-5/6 RD**	3035976	10
	1	gray	**PAI-4-FIX-5/6 GY**	3035982	10
	1	brown	**PAI-4-FIX-5/6 BN**	3035981	10
Switching lock, plug-in		white	**S-ME 4**	3035758	10
Bridge bar, plug-in	2	gray/orange	**SB-ME 2-6**	3035755	10
	3	gray/orange	**SB-ME 3-6**	3035756	10
	4	gray/orange	**SB-ME 4-6**	3035757	10
Operating lever, for actuating 2 meas. trans. disc. terminal blocks	2	orange	**C-ME 4/2**	3035759	10
	3	orange	**C-ME 4/3**	3035760	10
Coding set, for 2-pos. connectors[1])		red	**PC-CT 6/2**	3212308	1

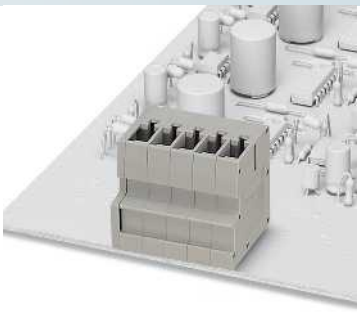
COMBI headers for PCB connection

Notes:

For additional accessories and technical data, see page 364 or visit phoenixcontact.net/products



32 A, header, horizontal plug-in direction



32 A, header, vertical plug-in direction

Technical data

Dimensions					
	[mm]	Width	Length	Height	
		12.4	**25.1**	**26**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**800**	**-**	**-**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	20 / -	- / -	- / -
Rated cross section	[mm²]	4			
General data					
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	12.4 mm	gray	**ST 4-PCB/ 2-G-6,2**	1980598	50
	3	18.9 mm	gray	**ST 4-PCB/ 3-G-6,2**	1980608	50
	4	24.8 mm	gray	**ST 4-PCB/ 4-G-6,2**	1980611	50
	5	31 mm	gray	**ST 4-PCB/ 5-G-6,2**	1980624	50
	6	37.2 mm	gray	**ST 4-PCB/ 6-G-6,2**	1980637	50
	7	43.4 mm	gray	**ST 4-PCB/ 7-G-6,2**	1980640	50
	8	49.6 mm	gray	**ST 4-PCB/ 8-G-6,2**	1980653	50
	9	55.8 mm	gray	**ST 4-PCB/ 9-G-6,2**	1980666	50
	10	62 mm	gray	**ST 4-PCB/10-G-6,2**	1980679	50
	11	68.2 mm	gray	**ST 4-PCB/11-G-6,2**	1980682	50
	12	74.4 mm	gray	**ST 4-PCB/12-G-6,2**	1980695	50

Technical data

Dimensions					
	[mm]	Width	Length	Height	
		12.4	**26**	**25.1**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**800**	**-**	**-**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	20 / -	- / -	- / -
Rated cross section	[mm²]	4			
General data					
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
COMBI header	2	12.4 mm	gray	**ST 4-PCBV/ 2-G-6,2**	1980705	50
	3	18.6 mm	gray	**ST 4-PCBV/ 3-G-6,2**	1980718	50
	4	24.8 mm	gray	**ST 4-PCBV/ 4-G-6,2**	1980721	50
	5	31 mm	gray	**ST 4-PCBV/ 5-G-6,2**	1980734	50
	6	37.2 mm	gray	**ST 4-PCBV/ 6-G-6,2**	1980747	50
	7	43.4 mm	gray	**ST 4-PCBV/ 7-G-6,2**	1980750	50
	8	49.6 mm	gray	**ST 4-PCBV/ 8-G-6,2**	1980763	50
	9	55.8 mm	gray	**ST 4-PCBV/ 9-G-6,2**	1980776	50
	10	62 mm	gray	**ST 4-PCBV/10-G-6,2**	1980789	50
	11	68.2 mm	gray	**ST 4-PCBV/11-G-6,2**	1980792	50
	12	74.4 mm	gray	**ST 4-PCBV/12-G-6,2**	1980802	50

4 mm² COMBI UT plug-in connection solutions

Connectors

– Direct connection of current transformers and voltage transducers, e.g., to a protective relay for medium-voltage switchgear
– UP 4...CT and BP 4...CT connectors contain a short-circuit element. When removing the connector from the device, a leading short circuit of the connected current transformer is carried out.

Notes:

1) For additional accessories and technical data, see page 344.

PT 4-WE feed-through terminal blocks, see page 621.

① 



① 

② 

EAC

Technical data[1])

Dimensions				
	Width	Length	Height	
[mm]	**65.7**	**29.1**	**34.3**	
Maximum electrical data				
	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	15	**320**	**0.5 - 2.5**	**-**
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	320	-	-	-
Nominal current / cross section [A] / [mm²]	15	- / -	- / -	- / -
Rated cross section [mm²]	2.5			
Cross section range AWG	20 - 14	-	-	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm²]	0.5 - 2.5	0.5 - 2.5	-	-
2 conductors (of the same type) [mm²]	-	-	-	-
General data				
Stripping length [mm]	-			

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
PCB connector, with screw flange covers	8	gray	**FC 4-PCB/8**	①	3208694	10
	10	gray	**FC 4-PCB/10**	①	3208736	10
Short-circuit plug, for four current transformers	8	gray				
Connector, for four voltage transducers	8	gray				
Short-circuit plug, for four current transformers, bolt connection	10	gray				
Connector, for four voltage transducers, bolt connection	10	gray				

EAC

Technical data[1])

Width	Length	Height		
74.4	**45.4**	**34.3**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
15	**320**	**0.14 - 6**	**-**	
IEC	UL / CUL	CSA	Ex	
320	-	-	-	
15	- / -	- / -	- / -	
6				
26 - 10	-	-	-	
solid	stranded	Ferrule without/with plastic sleeve		
0.14 - 6	0.14 - 6	0.25 - 4	0.25 - 4	
0.14 - 1.5	0.14 - 1.5	0.25 - 1.5	-	
8 - 9				

Ordering data

Type		Order No.	Pcs./Pkt.
UP 4-4CT	①	3208720	10
UP 4-4VT	②	3208721	10
BP 4-5CT	①	3208733	10
BP 4-5VT	②	3208734	10

COMBI connectors

Notes:
1) For additional accessories and technical data, see page 344.
2) For derating curve, visit phoenixcontact.net/products



32 A, connector, connection at a right angle to the plug-in direction



32 A, connector, connection at a right angle to the plug-in direction, for self-assembly

Dimensions		Technical data[1]			
	[mm]	Width	Length	Height	Height ins.
		6.2 x Number of positions	**22**	**48.5**	**32.2**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**800**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32[2]) / 4	30 / -	30 / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1

Dimensions		Technical data[1]			
	[mm]	Width	Length	Height	Height ins.
		6.2 x Number of positions	**22**	**48.5**	**32.2**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**800**	**0.14 - 6**	**26-10**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32[2]) / 4	30 / -	30 / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
Connector	1	6.2 mm	gray	**UPBV 4/ 1**	①	3045800	50
	2	12.4 mm	gray	**UPBV 4/ 2**	①	3045813	50
	3	18.6 mm	gray	**UPBV 4/ 3**	①	3045826	50
	4	24.8 mm	gray	**UPBV 4/ 4**	①	3045839	50
	5	31 mm	gray	**UPBV 4/ 5**	①	3045842	50
	6	37.2 mm	gray	**UPBV 4/ 6**	①	3045855	25
	7	43.4 mm	gray	**UPBV 4/ 7**	①	3045868	25
	8	49.6 mm	gray	**UPBV 4/ 8**	①	3045871	25
	9	55.8 mm	gray	**UPBV 4/ 9**	①	3045884	25
	10	62 mm	gray	**UPBV 4/10**	①	3045897	25
	11	68.2 mm	gray	**UPBV 4/11**	①	3045907	10
	12	74.4 mm	gray	**UPBV 4/12**	①	3045910	10
	13	80.6 mm	gray	**UPBV 4/13**	①	3045923	10
	14	86.8 mm	gray	**UPBV 4/14**	①	3045936	10
	15	93 mm	gray	**UPBV 4/15**	①	3045949	10
	1	6.2 mm	blue	**UPBV 4/ 1 BU**	①	3045266	50
	1	6.2 mm	green-yellow	**UPBV 4/ 1 GNYE**	①	3045279	50
Connector, left element	1	6.2 mm	gray	**UPBV 4/ 1-L**	①	3045716	50
	1	6.2 mm	blue	**UPBV 4/ 1-L BU**	①	3045729	50
	1	6.2 mm	green-yellow	**UPBV 4/ 1-L GNYE**	①	3045732	50
Connector, center element	1	6.2 mm	gray	**UPBV 4/ 1-M**	①	3045745	50
	1	6.2 mm	blue	**UPBV 4/ 1-M BU**	①	3045758	50
	1	6.2 mm	green-yellow	**UPBV 4/ 1-M GNYE**	①	3045761	50
Connector, right element	1	6.2 mm	gray	**UPBV 4/ 1-R**	①	3045774	50
	1	6.2 mm	blue	**UPBV 4/ 1-R BU**	①	3045787	50
	1	6.2 mm	green-yellow	**UPBV 4/ 1-R GNYE**	①	3045790	50

Strain relief, for UPBV... connectors, 2-pos.	black	**UPZ/ 2**	3045554	50
Latching, for UPBV connectors, 2-pos.	orange	**UPR/ 2**	3045567	50
Latching and strain relief, for UPBV.... connectors,2-pos.	orange	**UPRZ**	3045570	50
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI connectors	gray	**DF-UPBV 2,5/ 4**	3060432	50

Strain relief, for UPBV... connectors, 2-pos.	black	**UPZ/ 2**	3045554	50
Latching, for UPBV connectors, 2-pos.	orange	**UPR/ 2**	3045567	50
Latching and strain relief, for UPBV.... connectors,2-pos.	orange	**UPRZ**	3045570	50
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI connectors	gray	**DF-UPBV 2,5/ 4**	3060432	50

COMBI connectors

Notes:

[1]) For additional accessories and technical data, see page 344.

[2]) For derating curve, visit phoenixcontact.net/products

① ——○



32 A, connector, connection in plug-in direction

① ——○



32 A, connector, connection in plug-in direction, for self-assembly

Dimensions				
	[mm]	Width	Length	Height	Height ins.
		6.2 x Number of positions	**21**	**41.2**	**24.8**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**800**	**0.2 - 6**	**26-10**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32[2]) / 4	30 / -	30 / -	- / -
Cross section range	AWG	24 - 10	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5

Dimensions				
	[mm]	Width	Length	Height	Height ins.
		6.2 x Number of positions	**21**	**41.2**	**24.8**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**800**	**0.2 - 6**	**26-10**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	32[2]) / 4	30 / -	30 / -	- / -
Cross section range	AWG	24 - 10	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 6	0.25 - 4	0.25 - 4
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5

Ordering data

Description	No. of pos.	Width	Color	Type		Order No.	Pcs./Pkt.
Connector	1	6.2 mm	gray	**UP 4/ 1**	①	3060115	50
	2	12.4 mm	gray	**UP 4/ 2**	①	3060128	50
	3	18.6 mm	gray	**UP 4/ 3**	①	3060131	50
	4	24.8 mm	gray	**UP 4/ 4**	①	3060144	50
	5	31 mm	gray	**UP 4/ 5**	①	3060157	50
	6	37.2 mm	gray	**UP 4/ 6**	①	3060160	25
	7	43.4 mm	gray	**UP 4/ 7**	①	3060173	25
	8	49.6 mm	gray	**UP 4/ 8**	①	3060186	25
	9	55.8 mm	gray	**UP 4/ 9**	①	3060199	25
	10	62 mm	gray	**UP 4/10**	①	3060209	25
	11	68.2 mm	gray	**UP 4/11**	①	3060212	10
	12	74.4 mm	gray	**UP 4/12**	①	3060225	10
	13	80.6 mm	gray	**UP 4/13**	①	3060238	10
	14	86.8 mm	gray	**UP 4/14**	①	3060241	10
	15	93 mm	gray	**UP 4/15**	①	3060254	10
	1	6.2 mm	blue	**UP 4/ 1 BU**	①	3045282	50
	1	6.2 mm	green-yellow	**UP 4/ 1 GNYE**	①	3045295	50
Connector, left element	1	6.2 mm	gray	**UP 4/ 1-L**	①	3060021	50
	1	6.2 mm	blue	**UP 4/ 1-L BU**	①	3060034	50
	1	6.2 mm	green-yellow	**UP 4/ 1-L GNYE**	①	3060047	50
Connector, center element	1	6.2 mm	gray	**UP 4/ 1-M**	①	3060050	50
	1	6.2 mm	blue	**UP 4/ 1-M BU**	①	3060063	50
	1	6.2 mm	green-yellow	**UP 4/ 1-M GNYE**	①	3060076	50
Connector, right element	1	6.2 mm	gray	**UP 4/ 1-R**	①	3060089	50
	1	6.2 mm	blue	**UP 4/ 1-R BU**	①	3060092	50
	1	6.2 mm	green-yellow	**UP 4/ 1-R GNYE**	①	3060102	50

Accessories[1])

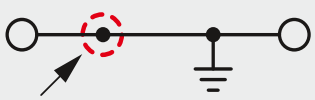
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Screw flange cover, for UP 4 COMBI connector	gray	**DF-UP 4**	3060348	50

General technical data for 6 mm² COMBI UT screw connection terminal blocks

Rated data		IEC 61984			
Rated cross section	[mm²]	6			
Cross section range	AWG	24 - 8			
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 4
General data					
Stripping length	[mm]	10			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Note: Additional or deviating data is documented for the product.

Notes:



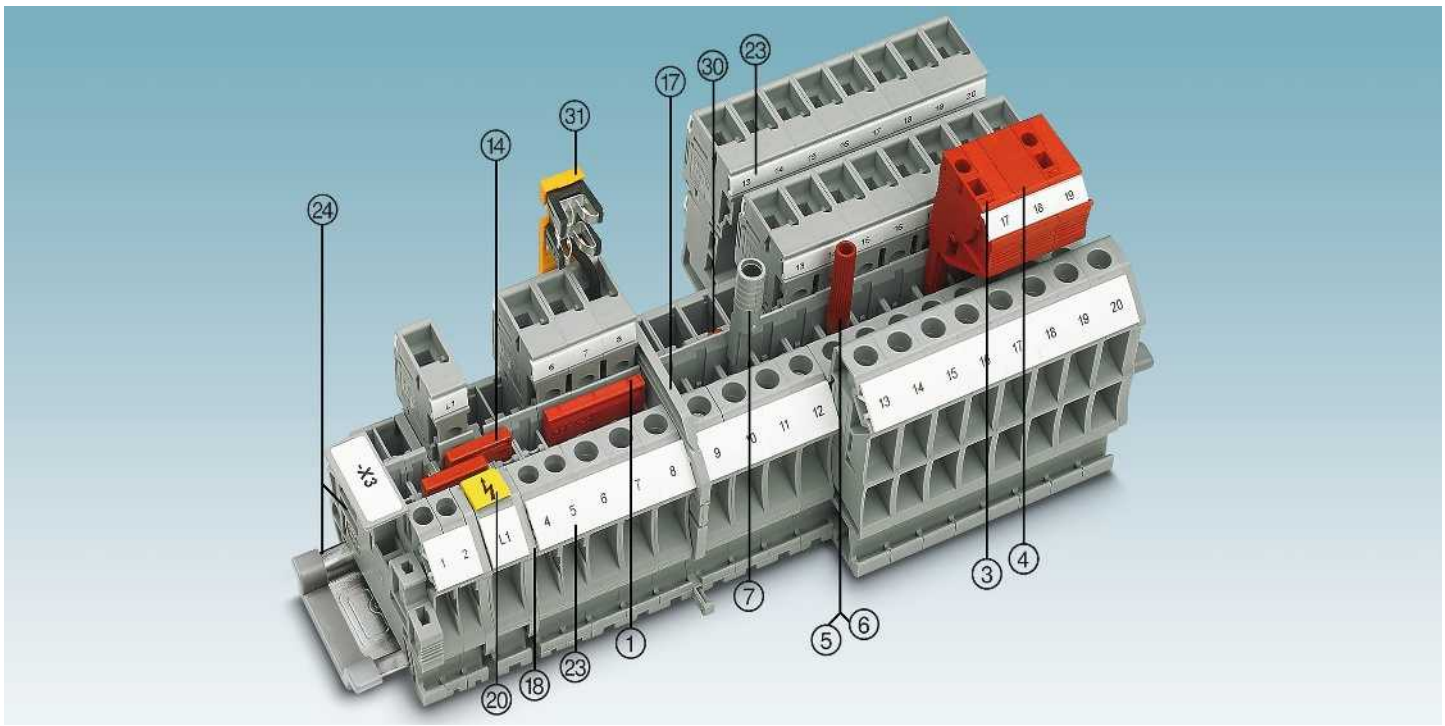
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file numbers, and Internet links, please visit phoenixcontact.net/products

¹) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 6 mm² COMBI UT screw connection terminal blocks

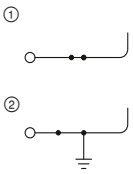


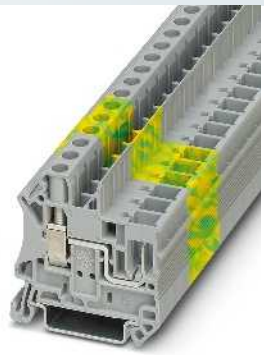
Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**¹)	2	red	**FBS 2-8**	3030284	10	**FBSR 2-8**	3033808	10
	3	red	**FBS 3-8**	3030297	10	**FBSR 3-8**	3001597	10
	4	red	**FBS 4-8**	3030307	10	**FBSR 4-8**	3000585	10
	5	red	**FBS 5-8**	3030310	10	**FBSR 5-8**	3033809	10
	10	red	**FBS 10-8**	3030323	10	**FBSR 10-8**	3001599	10
	16	red				**FBSR 16-8**	3033816	10
③ **Modular test plug**		red	**PS-8**	3031005	10			
④ **Spacer plate**		red	**DP PS-8**	3036741	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
㉚ **Coding profile**		red	**PC**	3040588	50			
Screwdriver			**SZS 1,0X4,0 VDE**	1205066	10			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
⑳ **Warning labels**	**For WS ..., see page 413.**
㉓ **Lateral groove marking**	**Terminal block: UC-TM 8, UCT-TM 8 or ZB 8** **Connector: UC-TMF 8, UCT-TMF 8 or ZBF 8. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
㉛ **Latching, strain relief, shielding**	**See from page 362.**
For full accessories, visit phoenixcontact.net/products	**Note: Additional or deviating accessories are documented for the product.**

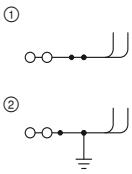
Feed-through and multi-conductor terminal blocks and ground terminals

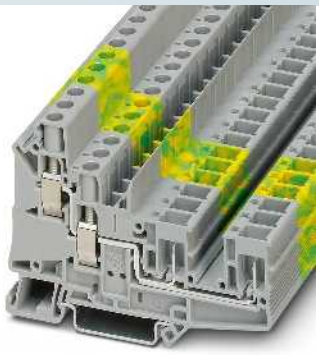
Notes:
1) For additional accessories and technical data, see page 354.
2) For derating curve, visit phoenixcontact.net/products
For screw flange, see page 370.





41 A, feed-through terminal block





41 A, feed-through terminal block, 4 connections

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
8.2	**49.1**	**47.5 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41[2])	**1000**	**0.2 - 10**	**24-8**
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41[2]) / 6	40 / -	50 / -	- / -

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**UT 6/1P**	①	3060539	50
	blue	**UT 6/1P BU**	①	3060542	50
Ground terminal	green-yellow	**UT 6/1P-PE**	②	3060555	50

Accessories[1])

Cover, width: 2.2 mm	gray	**D-UT 2,5/1P**	3047154	50

Technical data[1])

Width	Length	Height	
8.2	**86.5**	**60 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41[2])	**1000**	**0.2 - 10**	**24-8**
41 (FBS) / 32 (FBSR)			
IEC	UL / CUL	CSA	Ex
1000	600	600	-
41[2]) / 6	40 / -	50 / -	- / -

Ordering data

Type		Order No.	Pcs./Pkt.
UT 6-QUATTRO/2P	①	3060568	50
UT 6-QUATTRO/2P BU	①	3060571	50
UT 6-QUATTRO/2P-PE	②	3060584	50

Accessories[1])

D-UT 6-QUATTRO/2P	3060607	50

COMBI connectors



- When it comes to the connectors, as is the case with the basic terminal blocks, the right connection technology is available for every application
- Comprehensive, optional snap-on accessories available
- Practical coding facility
- Large marking option
- The screw plugs can be combined with COMBI terminal blocks with all forms of connection technology and are available in two versions

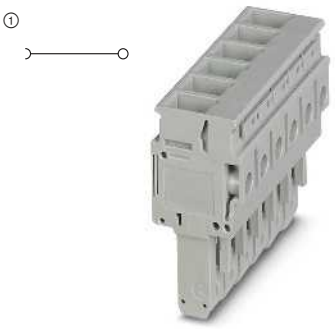
UP ... connectors

- Screw actuation from the side
- Conductor connected from above
- The connector design enables space-saving potential distribution by using four-conductor terminal blocks with 2 slots

Notes:

[1]) For additional accessories and technical data, see page 354.

[2]) For derating curve, visit phoenixcontact.net/products

① 

41 A, connector, connection in plug-in direction

Technical data[1])

Dimensions			
[mm]			
Width	Length	Height	Height ins.
8.2 x Number of positions	**21**	**42.7**	**26**

Maximum electrical data			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41[2])	**1000**	**0.2 - 10**	**24-8**

Rated data			
IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	600	600	-
Nominal current / cross section [A] / [mm²]	41[2]) / 6	40 / -	50 / -	- / -

Connection capacity			
solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 6	0.2 - 10	0.25 - 6	0.25 - 6

Description	No. of pos.	Width	Color
Connector	1	8.2 mm	gray
	2	16.4 mm	gray
	3	24.6 mm	gray
	4	32.8 mm	gray
	5	41 mm	gray
	6	49.2 mm	gray
	7	57.4 mm	gray
	8	65.6 mm	gray
	9	73.8 mm	gray
	10	82 mm	gray
	1	8.2 mm	blue
	1	8.2 mm	green-yellow

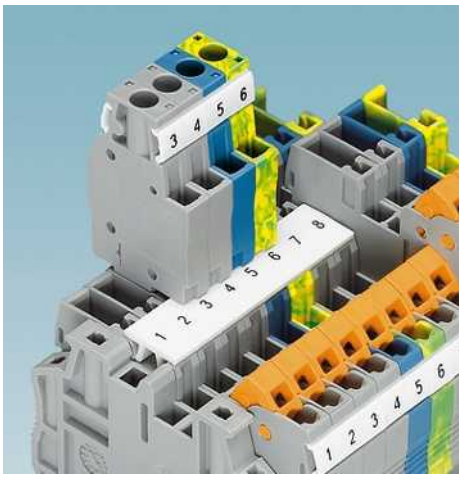
Ordering data

Type		Order No.	Pcs./Pkt.
UP 6/ 1	①	3060610	50
UP 6/ 2	①	3060623	50
UP 6/ 3	①	3060636	50
UP 6/ 4	①	3060649	25
UP 6/ 5	①	3060652	25
UP 6/ 6	①	3060665	25
UP 6/ 7	①	3060678	25
UP 6/ 8	①	3060681	25
UP 6/ 9	①	3060694	25
UP 6/10	①	3060704	25
UP 6/ 1 BU	①	3060717	50
UP 6/ 1 GNYE	①	3060720	50

Accessories[1])

Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Screw flange cover, for COMBI connector UP 6	gray	**DF-UP 6**	3060856	50

COMBI connectors for self-assembly

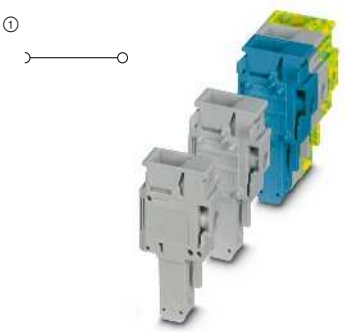


- The COMBI connectors for self-assembly provide solutions that users can implement themselves
- The connectors are snapped together from one-position connector elements directly on site
- The screw plugs can be combined with COMBI terminal blocks with all forms of connection technology and are available in two versions
- The connector is assembled directly on site by snapping together single-position connector elements. See below for an example of how these go together
  ① DF-UP 6
  ② UP 6/1-L
  ③ UP 6/1-M and UP 6/1-M BU
  ④ UP 6/1-R GNYE

Notes:

[1]) For additional accessories and technical data, see page 354.

[2]) For derating curve, visit phoenixcontact.net/products



41 A, connector, connection in plug-in direction, for self-assembly

Technical data[1])

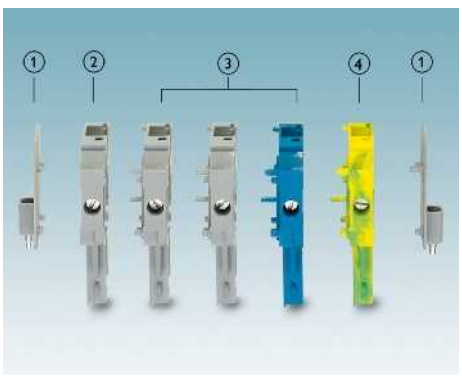
Dimensions				
	[mm]	Width	Length	Height	Height ins.
		8.2 x Number of positions	**21**	**42.7**	**26**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41[2])	**1000**	**0.2 - 10**	**24-8**
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	41[2]) / 6	40 / -	50 / -	- / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 10	0.25 - 6	0.25 - 6

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Connector, left element	1	gray	**UP 6/ 1-L**	①	3060733	50
	1	blue	**UP 6/ 1-L BU**	①	3060746	50
	1	green-yellow	**UP 6/ 1-L GNYE**	①	3060759	50
Connector, center element	1	gray	**UP 6/ 1-M**	①	3060762	50
	1	blue	**UP 6/ 1-M BU**	①	3060775	50
	1	green-yellow	**UP 6/ 1-M GNYE**	①	3060788	50
Connector, right element	1	gray	**UP 6/ 1-R**	①	3060791	50
	1	blue	**UP 6/ 1-R BU**	①	3060801	50
	1	green-yellow	**UP 6/ 1-R GNYE**	①	3060814	50

Accessories[1])

Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Screw flange cover, for COMBI connector UP 6	gray	**DF-UP 6**	3060856	50



Cross-reference list: COMBI accessories

Accessories

Connector	PZ 1,5/S/2 Order No.: 3212918	PZ/2 Order No.: 3040627	PZ/4 Order No.: 3040643	UPZ/2 Order No.: 3045554	PDZ/2 Order No.: 3040562	PDZ/4 Order No.: 3040575	CZ/2 Order No.: 3043831	PRZ-1,5/S Order No.: 3212905	PRZ Order No.: 3040614
 UPBV 2,5...				■					
 UPBV 4...				■					
 UP 4... UP 6...		■							■
 UPCT 4/...				■					
 PP-H 1,5...	■							■	
 PP-H 2,5...		■	■						■
 PP 2,5...		■	■						■
 PP-H 4...		■							■
 PP-H 6... PPCT 6/...		■							■
 SP 2,5...		■	■						■
 SP-H 2,5...		■	■						■
 SPV 2,5...		■	■						
 SP 4...		■							■
 SPB 2,5...		■	■						■
 SPDB 2,5...					■	■			
 QP 1,5...		■	■						■

UPRZ Order No.: 3045570	PR-1,5/S Order No.: 3212882	PR-1,5/S/2 Order No.: 3212895	PR Order No.: 3040559	PR/2 Order No.: 3040630	PRT/2 Order No.: 3040631	PRV/2 Order No.: 3041862	UPR/2 Order No.: 3045567	PH 1,5/S/... Order No.: 3212...	PH 2,5/... Order No.: 3209...	PH 4/... Order No.: 3000...	PH 6/... Order No.: 3000...
											

COMBI plug-in connection solutions - accessories

Cross-reference list: COMBI accessories

Accessories

Couplings	PZ 1,5/S/2 Order No.: 3212918	PZ/2 Order No.: 3040627	PZ/4 Order No.: 3040643	UPZ/2 Order No.: 3045554	PDZ/2 Order No.: 3040562	PDZ/4 Order No.: 3040575	CZ/2 Order No.: 3043831	PRZ-1,5/S Order No.: 3212905	PRZ Order No.: 3040614
 PPC 1,5...	■								
 PPC 2,5...		■	■						
 PPC 6...		■							
 SC 2,5...					■	■			
 SC 4...							■		

UPRZ Order No.: 3045570	PR-1,5/S Order No.: 3212882	PR-1,5/S/2 Order No.: 3212895	PR Order No.: 3040559	PR/2 Order No.: 3040630	PRT/2 Order No.: 3040631	PRV/2 Order No.: 3041862	UPR/2 Order No.: 3045567	PH 1,5/S/... Order No.: 3212...	PH 2,5/... Order No.: 3209...	PH 4/... Order No.: 3000...	PH 6/... Order No.: 3000...
											

Strain relief for connectors



- Strain relief can be snapped onto the outside of the connectoras an option
- The conductor can be fixed using Phoenix Contact cable binders

Notes:

For application options for accessories, refer to page 358.

For corresponding cable binders, see Catalog 3.



Technical data

General data

Material	PA-GF

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Strain relief, for connector and coupling, 2-pos.	black	**PZ 1,5/S/2**	3212918	50
Strain relief, for connectors, 2-pos.	black	**PZ/2**	3040627	50
4-pos.	black	**PZ/4**	3040643	50
Strain relief, for UPBV... connectors, 2-pos.	black	**UPZ/ 2**	3045554	50

Strain relief for connectors and couplings



- The strain relief is snapped into the connector center on the spring-cage connector or spring-cage couplings
- The conductor can be fixed using Phoenix Contact cable binders

Notes:

For application options for accessories, refer to page 358.

For corresponding cable binders, see Catalog 3.



Technical data

General data

Material	PA-GF

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Strain relief, for SPDB... connector and SC 2,5... coupling, 2-pos.	black	**PDZ/2**	3040562	50
4-pos.	black	**PDZ/4**	3040575	50
Strain relief, for SC 4... coupling, 2-pos.	black	**CZ/2**	3043831	50

Snap-lock device and strain relief



– Snap-lock fitting and strain relief in one component
– Can be snapped into connector housing as an option
– The conductor can be fixed using Phoenix Contact cable binders

Notes:

For application options for accessories, refer to page 358.

For corresponding cable binders, see Catalog 3.



Technical data

General data

Material	PA-GF

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ 1,5/S**	3212905	50
Latching and strain relief, for all connectors with conductor exit at top, 2-pos.	orange	**PRZ**	3040614	50
Latching and strain relief, for UPBV.... connectors, 2-pos.	orange	**UPRZ**	3045570	50

Snap-lock fitting



– Can be used in all connector versions
– It is snapped into the outside of the connector housing and hooks onto the terminal block housing when the connector is snapped on

Notes:

For application options for accessories, refer to page 358.



Technical data

General data

Material	PA-GF

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Latching, for connectors, 1-pos.	orange	**PR 1,5/S**	3212882	50
2-pos.	orange	**PR 1,5/S/2**	3212895	50
Latching, for connectors, 1-pos.	orange	**PR**	3040559	50
2-pos.	orange	**PR/2**	3040630	50
Snap-on, for SPV connectors, 2-pos.	orange	**PRV/2**	3041862	50
Latching, for UPBV connectors, 2-pos.	orange	**UPR/ 2**	3045567	50
Latching, for connectors, release with just a screwdriver	orange	**PRT/2**	3040631	50

Notes:

For corresponding cable binders, see Catalog 3.



- For connecting shielded cables
- Is snapped into a strain relief once the connector has been wired
- Connected shielded cable is fixed using a cable binder
- The shielding's connecting cable is connected via the connector and then makes direct contact with the terminal block upon connection



Technical data

General data

Material	PA

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Shielding, for mounting on PZ/... and PRZ, 2-pos., for cables with 3 ... 6 mm diameter, cable length: 55 mm	black	**PSH 3- 6**	3040591	50
Cable length: 500 mm	black	**PSH 3- 6 500MM**	3061525	10
For cables with 5 ... 10 mm diameter, cable length: 55 mm	black	**PSH 5-10**	3040601	50

PC coding



- Can be used in all terminal blocks, couplings, and PCB headers
- The individual coding elements are inserted at the coding position in the basic terminal block and the coding tab is removed at the corresponding point of the connector



Technical data

General data

Material	-

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Coding star, with 4 coding branches, can be inserted in all basic terminal blocks	red	**PC**	3040588	50

CP ... connector housing



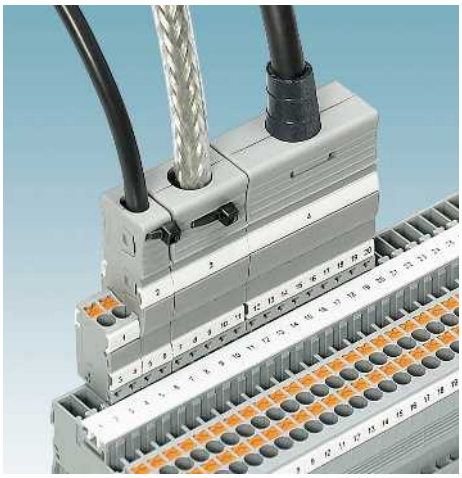
- Connector housing, for accommodating conductors with crimped module socket contacts
- As an alternative to the COMBI connectors, can be used in all plug-in 4 mm² terminal blocks of the CLIPLINE complete system, COMBI, see cross-reference list, page 272.
- Latches can be optionally fitted, see page 363.

Description	Color	Type	Order No.	Pcs./Pkt.
		Ordering data		
Connector housing, for accommodating module socket contacts	gray	**CP 4/6**	3061049	10
		Accessories		
Module socket contact, 0.5 - 1 mm²	silver	**STG-MTN 0,5-1,0**	3190438	100
Module socket contact, 1.5 - 2.5 mm²	silver	**STG-MTN 1,5-2,5**	3190506	100

Cable housing for COMBI connector

Notes:

For additional accessories, visit phoenixcontact.net/products.



- Robust cable housing for strain relief on connection cables
- Two-section housing
- Easy assembly
- Secure latching on the COMBI connectors and COMBI couplings provided
- Add, as with the connectors, without loss of pitch
- Additional scope for marking to mark the connectors
- The conductor can be fixed using Phoenix Contact cable binders



Cable housing, 3- to 15-pos., snap-in to PP-H 1,5 connector and PPC 1,5 coupling

EAC

Technical data

General data

Material	PA

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.
Cable housing, for PP–H 1,5... and PPC 1,5...						
	3	10.5 mm	gray	**PH 1,5/S/3**	3212756	50
	4	14 mm	gray	**PH 1,5/S/4**	3212769	50
	5	17.5 mm	gray	**PH 1,5/S/5**	3212772	50
	6	21 mm	gray	**PH 1,5/S/6**	3212785	25
	7	24.5 mm	gray	**PH 1,5/S/7**	3212798	25
	8	28 mm	gray	**PH 1,5/S/8**	3212808	25
	9	31.5 mm	gray	**PH 1,5/S/9**	3212811	25
	10	35 mm	gray	**PH 1,5/S/10**	3212824	25
	11	38.5 mm	gray	**PH 1,5/S/11**	3212837	10
	12	42 mm	gray	**PH 1,5/S/12**	3212840	10
	13	45.5 mm	gray	**PH 1,5/S/13**	3212853	10
	14	49 mm	gray	**PH 1,5/S/14**	3212866	10
	15	52.5 mm	gray	**PH 1,5/S/15**	3212879	10
Cable housing, for COMBI connectors SP–H ... and PP–H ...						
	2	10.4 mm	gray			
	3	15.6 mm	gray			
	4	20.8 mm	gray			
	5	26 mm	gray			
	6	31.2 mm	gray			
	7	36.4 mm	gray			
	8	41.6 mm	gray			
	9	46.8 mm	gray			
	10	52 mm	gray			
	11	57.2 mm	gray			
	12	62.4 mm	gray			
	13	67.6 mm	gray			
	14	72.8 mm	gray			
	15	78 mm	gray			
Cable housing, for PP–H 4... COMBI connectors						
	2	12.4 mm	gray			
	3	18.6 mm	gray			
	4	24.8 mm	gray			
	5	31 mm	gray			
	6	37.2 mm	gray			
	7	43.4 mm	gray			
	8	49.6 mm	gray			
	9	55.8 mm	gray			
	10	62 mm	gray			
Cable housing, for PP–H 6... COMBI connectors and PPCT 6/...						
	2	16.4 mm	gray			
	3	24.6 mm	gray			
	4	32.8 mm	gray			
	5	41 mm	gray			
	6	49.2 mm	gray			
	7	57.4 mm	gray			

Accessories

Bend protection sleeve, for 3 mm ... 9 mm cable diameter, suitable for PH 1,5/S/5 - PH 1,5/S/8 and PH 2,5/3 - PH 2,5/5			black	**CPH 3-9**	3212015	25



Cable housing, 2- to 15-pos., snap-in to PP-H 2,5... and SP-H 2,5 connectors



Cable housing, 2- to 10-pos., snap-in to PP-H 4 connector



Cable housing, 2- to 7-pos., can be snapped onto PP-H 6 and PPCT 6/... connectors

EAC

Technical data

PA

Ordering data

Type	Order No.	Pcs./Pkt.
PH 2,5/ 2	3209691	50
PH 2,5/ 3	3209701	50
PH 2,5/ 4	3209714	50
PH 2,5/ 5	3209727	50
PH 2,5/ 6	3209730	25
PH 2,5/ 7	3209743	25
PH 2,5/ 8	3209756	25
PH 2,5/ 9	3209507	25
PH 2,5/10	3209769	25
PH 2,5/11	3209772	10
PH 2,5/12	3209785	10
PH 2,5/13	3209798	10
PH 2,5/14	3209808	10
PH 2,5/15	3209811	10

Accessories

CPH 3-9	3212015	25

Technical data

PA

Ordering data

Type	Order No.	Pcs./Pkt.
PH 4/2	3000734	50
PH 4/3	3000736	50
PH 4/4	3000737	50
PH 4/5	3000738	50
PH 4/6	3000739	25
PH 4/7	3000740	25
PH 4/8	3000741	25
PH 4/9	3000742	25
PH 4/10	3000743	25

Accessories

CPH 3-9	3212015	25

Technical data

PA

Ordering data

Type	Order No.	Pcs./Pkt.
PH 6/2	3000680	25
PH 6/3	3000681	25
PH 6/4	3000682	25
PH 6/5	3000683	25
PH 6/6	3000684	10
PH 6/7	3000685	10

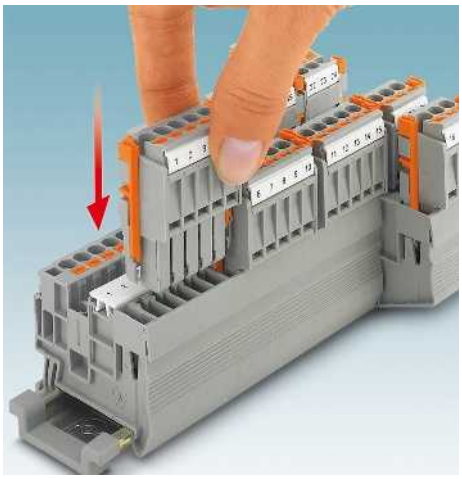
Accessories

Self-locking flange cover

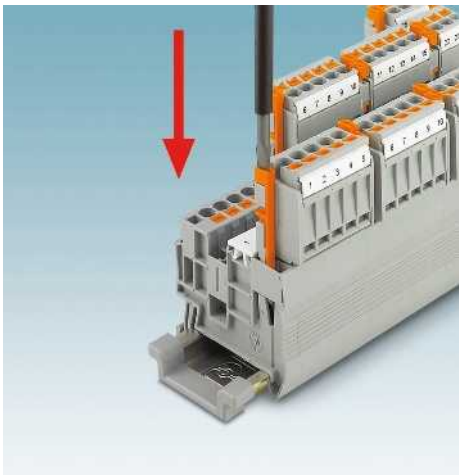


The secure latching protects the connectors from coming loose by mistake.

– The **self-locking flanges** are snapped onto the DIN rail directly
– Same shape and pitch as the basic terminal blocks
– Due to the offset arrangement of the locking holes, only one self-locking flange is required between two neighboring connectors
– The **self-locking flange covers** can be snapped onto the connector housing later on
– Automatic latching in self-locking flange



– When connecting, the connectors latch automatically in the self-locking flange



– The connector is released again by pressing down the locking hook with a screwdriver

General data
Insulating material

Description	Color
Self-locking flange cover, for SPB 2,5	gray
Self-locking flange cover, for SPDB 2,5	gray
Self-locking flange cover, for SP–H 2,5... and PP 2,5..., PP–H 2,5...	gray
Self-locking flange, for ST-COMBI and PT-COMBI terminal blocks when using SPB 2,5…, SPDB 2,5…, SP-H 2,5…, and PP-H 2,5 connectors, for ST 2,5/1P, ST 2,5/1P-PE, PT 2,5/1P, PT 2,5/1P-PE	gray
for ST 2,5-TWIN/1P, ST 2,5-TWIN/1P-PE, PT 2,5-TWIN/1P, PT 2,5-TWIN/1P-PE	gray
for ST 2,5-QUATTRO/2P, ST 2,5-QUATTRO/2P-PE, PT 2,5-QUATTRO/2P, PT 2,5-QUATTRO/2P-PE	gray
for ST 2,5-QUATTRO/4P, ST 2,5-QUATTRO/4P-PE	gray
for ST 2,5/2P, ST 2,5/2P-PE	gray
for STTB 2,5/2P, STTB 2,5/2P-PE, PTTB 2,5/2P, PTTB 2,5/2P-PE	gray



Self-locking flange cover



Self-locking flange

EAC

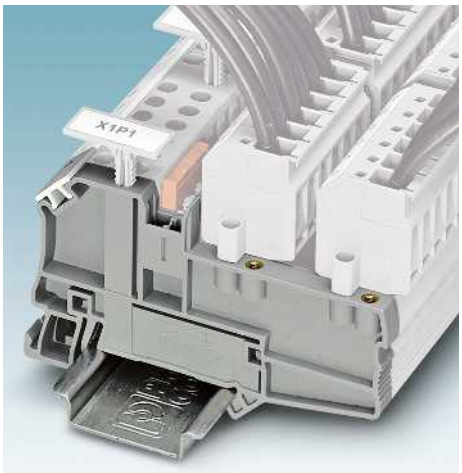
Technical data	
-	

Ordering data		
Type	Order No.	Pcs./Pkt.
DFS-SPB 2,5	3061444	50
DFS-SPDB 2,5	3061457	50
DFS-SP-H 2,5	3061431	50

Technical data	
PA	

Ordering data		
Type	Order No.	Pcs./Pkt.
ST 2,5/1P-FS	3061376	50
ST 2,5-TWIN/1P-FS	3061389	50
ST 2,5-QUATTRO/2P-FS	3061392	50
ST 2,5-QUATTRO/4P-FS	3061402	50
ST 2,5/2P-FS	3061415	50
STTB 2,5/2P-FS	3061428	50

Screw flange and flange cover



The secure latching protects the connectors from coming loose by mistake.

- The **screw flanges** are snapped onto the DIN rail directly
- Same shape and pitch as the basic terminal blocks
- Due to the offset arrangement of the screw sockets, only one basic flange is required between two neighboring connectors
- The **screw flange covers** can be snapped onto the connector housing later on
- For reliably screwing down the connector with the screw flange





Screw flange cover

Technical data

General data		
Tightening torque	[Nm]	0.4 - 0.5
Insulating material		PA

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Screw flange cover, for UP 4 COMBI connector	gray	**DF-UP 4**	3060348	50
For UP 6 COMBI connector	gray	**DF-UP 6**	3060856	50
Screw flange cover, for UPBV 2,5 and UPBV 4 COMBI connectors	gray	**DF-UPBV 2,5/ 4**	3060432	50
Screw flange cover, for SP-H ... and PP 2,5..., PP-H ...COMBI connectors	gray	**DF-SP-H 2,5**	3209824	50
Screw flange, for UT-COMBI terminal blocks, when using UPBV 2,5..., SP...2,5... or PP–H 2,5 connectors for UT 2,5/1P, UT 2,5/1P–PE	gray			
for UT 2,5-TWIN/1P	gray			
for UTTB 2,5/ 2P, UTTB 2,5/ 2P-PV, UTTB 2,5/ 2P-PE	gray			
for UT 4/ 1P, UT 4/ 1P-PE	gray			
for UT 2,5-TWIN/ 1P, UT 2,5-TWIN/ 1P-PE, UT 4-TWIN/ 1P, UT 4-TWIN/ 1P-PE	gray			
for UT 4–QUATTRO/2P, UT 4–QUATTRO/2P–PE	gray			
for UT 6–OUATTRO/2P, UT 6–OUATTRO/2P–PE	gray			
Screw flange, for ST-COMBI terminal blocks, when using UPBV 2,5..., SP...2,5... or PP–H 2,5 connectors for ST 2,5/1P, ST 2,5/1P–PE, PT 2,5/1P, PT 2,5/1P–PE	gray			
for ST 2,5/2P, ST 2,5/2P–PE, PT 2,5/2P, PT 2,5/2P–PE	gray			
for ST 2,5–TWIN/1P, ST 2,5–TWIN/1P–PE, PT 2,5–TWIN/1P, PT 2,5–TWIN/1P–PE	gray			
for ST 2,5–QUATTRO/2P, ST 2,5–QUATTRO/2P–PE, ST 2,5–TWIN–MT/1P, ST 2,5–TWIN–TG/1P, PT 2,5–QUATTRO/2P, PT 2,5–QUATTRO/2P–PE	gray			
for ST 2,5-QUATTRO/4P, ST 2,5-QUATTRO/4P-PE	gray			
for STTB 2,5/2P, STTB 2,5/2P–PV, STTB 2,5/2P–PE, PTTB 2,5/2P	gray			
Screw flange, for QT-COMBI terminal blocks, when using UPBV 2,5..., SP...2,5... or PP–H 2,5 connectors for QTC 1,5/1P, QTC 1,5/1P–PE	gray			
for QTTCB 1,5/ 2P, QTTCB 1,5/ 2PPE	gray			



Screw flange



Screw flange



Screw flange

EAC

Technical data

0.4 - 0.5
PA

Ordering data

Type	Order No.	Pcs./Pkt.
UT 2,5/1P-F	3060445	50
UT 2,5-TWIN/1P-F	3061172	50
UTTB 2,5/2P-F	3060474	50
UT 4/ 1P-F	3060458	50
UT 4-TWIN/ 1P-F	3060322	50
UT 4-QUATTRO/ 2P-F	3060335	50
UT 6-QUATTRO/2P-F	3060843	50

EAC

Technical data

0.4 - 0.5
PA

Ordering data

Type	Order No.	Pcs./Pkt.
ST 2,5/1P-F	3209837	50
ST 2,5/2P-F	3061198	50
ST 2,5-TWIN/1P-F	3209840	50
ST 2,5-QUATTRO/2P-F	3209853	50
ST 2,5-QUATTRO/4P-F	3061208	50
STTB 2,5/2P-F	3061169	50

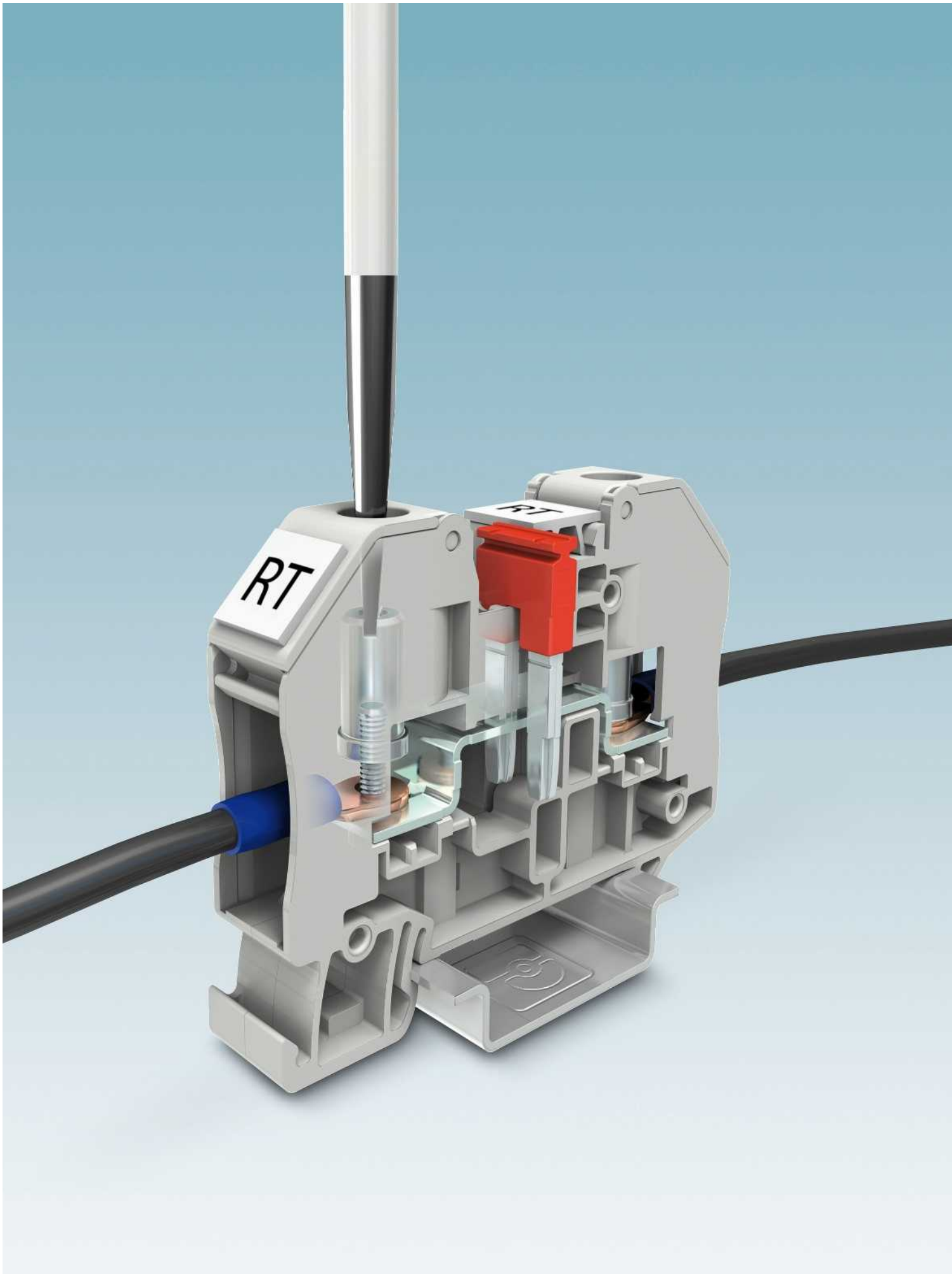
EAC

Technical data

0.4 - 0.5
PA

Ordering data

Type	Order No.	Pcs./Pkt.
QTC 1,5/1P-F	3061211	50
QTTCB 1,5/ 2P-F	3061185	50


RT
RT

RT bolt connection terminal blocks

The RT bolt connection terminal blocks have been developed with a robust design, and for the convenient wiring of ring cable lugs. The key feature of these terminal blocks is the hinged cover which can be swung up and which features a captive cap nut. This ensures quick and easy ring cable lug wiring.

The integrated screw locking in the form of a spring retainer guarantees safe use, even in applications which are subject to shock and vibration.

All ring cable lugs can be connected in accordance with DIN 46234, DIN 46235 or DIN 46237.

A special characteristic of the bolt connection is the popular multi-conductor connection, on which up to four cable lugs can be connected per bolt.

All kinds of conductors up to 240 mm² can be wired securely and with long-term stability.

Your web code: #1401

BT barrier terminal blocks

With the BT barrier terminal blocks from Phoenix Contact you can connect conductors safely and easily. In combination with the Push-in connection technology, the screw connection principle with spring-loaded screw results in quick and easy wiring.

Your web code: #0558

RT product range overview

2.5 mm²

Feed-through terminal blocks and ground terminals **377**

6 mm²

Feed-through terminal blocks and ground terminals **379**

Measuring transducer disconnect terminal blocks **380**

35 mm²

Feed-through terminal blocks **383**

BT product range overview

1.5 mm²

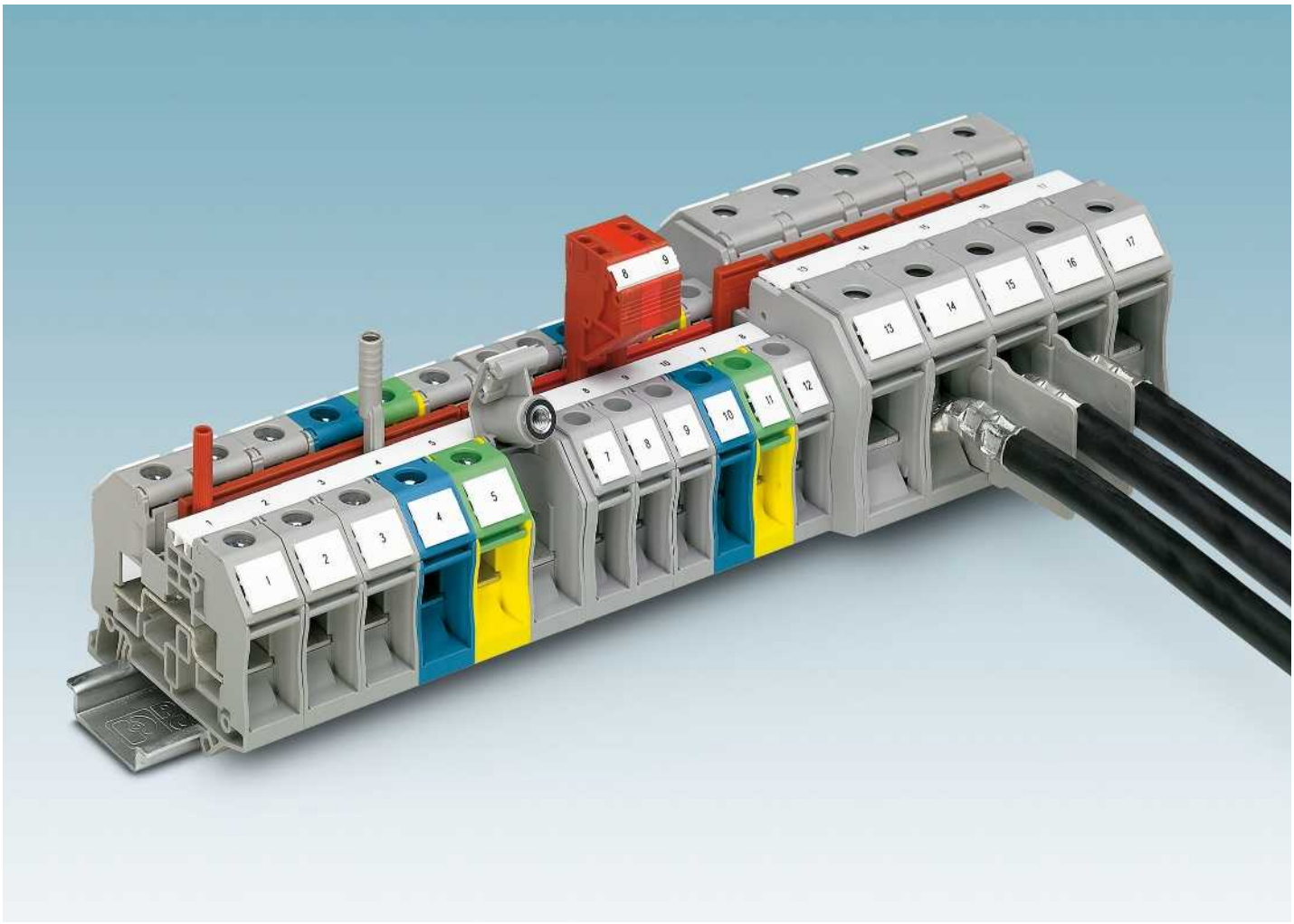
Feed-through terminal blocks **386**

2.5 mm²

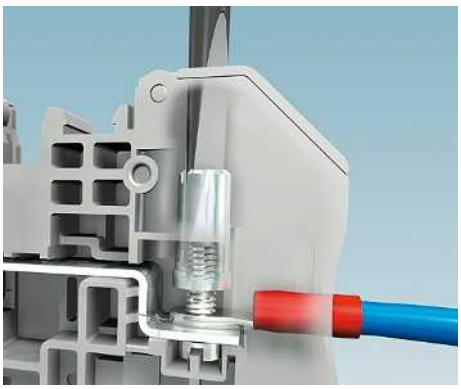
Feed-through terminal blocks **388**

4 mm²

Feed-through terminal blocks **390**



Your web code: #1401



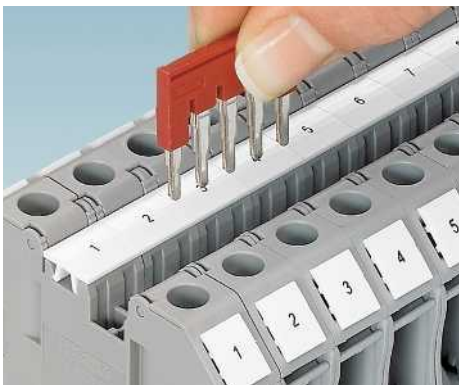
Robust and zero-maintenance

The bolt connection method is used in numerous applications. The benefits are:
– Robust contact
– Zero maintenance thanks to integrated screw retention
– Multiple conductor connection



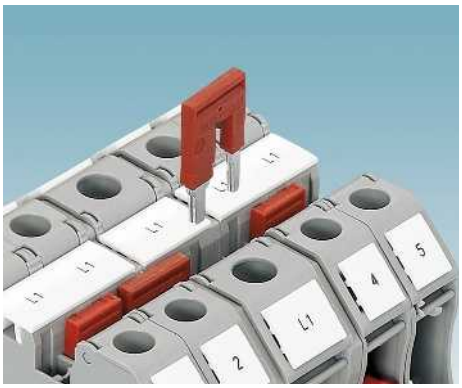
Snap-on PE foot

Ground terminals of the same shape are simply snapped onto the DIN rail in order to make contact. This mechanically and electrically efficient contacting meets all the requirements of the IEC 60947-7-2 standard.

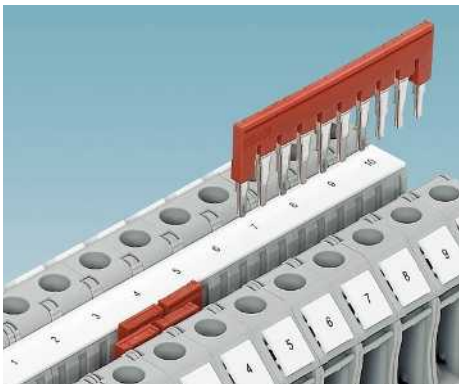


Flexible plug-in bridge system

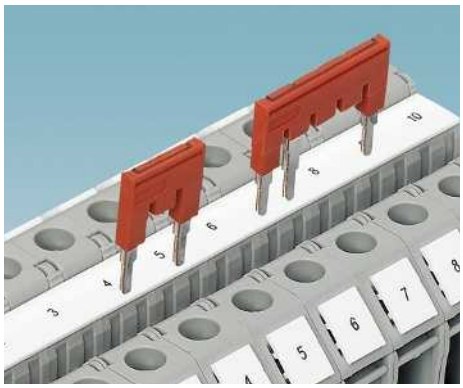
Potential can be distributed quickly using standardized plug-in bridges. Using two bridge shafts in all terminal blocks makes flexible chain and level bridging and bridging between non-adjacent terminal blocks possible.



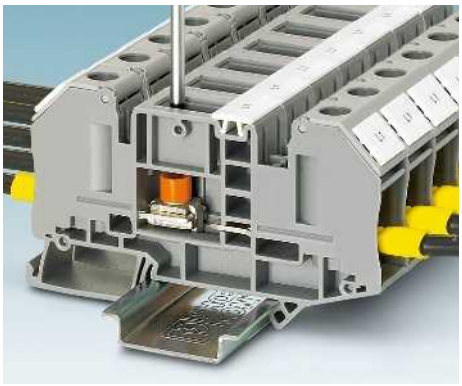
The reducing bridge enables a simple connection of terminal blocks with different nominal cross sections, e.g., an RT 8 with an RT 3 terminal block. Power blocks can be created quickly using the reducing bridge.



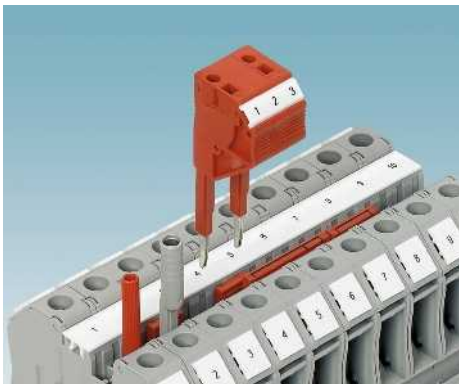
The double function shaft can be used to connect any number of terminal blocks with two-position bridges. The 2- to 50-pos. bridges allow up to 50 terminal blocks to be bridged in one step.



Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. The contact points can also be marked.



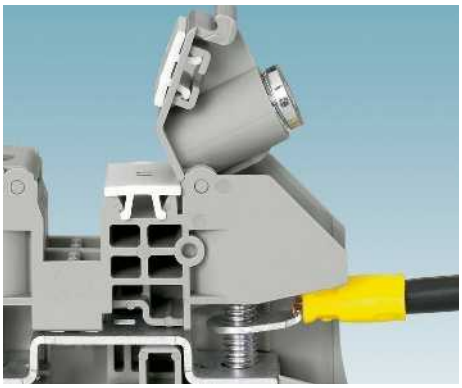
The RT 5-T is used in applications where the connections have to be separable. The feed-through can be opened or closed using a screwed disconnect slide without the contact points having to be released.



A test plug with a diameter of 2.3 mm is available for measuring lines and a test adapter with a diameter of 4 mm is available for safety test plugs. Test adapters can be implemented quickly with the alignable test plug.



Clear marking can be easily produced with the RT terminal blocks. Large and clear marking in the middle of the terminal block ensures reliable and quick installation.



The hinged cover typical of RT terminal blocks ensures finger protection when using an insulated cable lug. Connecting the conductor is also a much simpler process, thanks to the retentive, integrated cap nut. Each terminal point can also be marked on the hinged cover itself.



The open RTO series has the same shape as the RT series. Instead of cap nuts, standard hexagonal nuts are used in the hinged cover. A version with a transparent cover ensures touch proofness. The right terminal block is therefore available for every application.



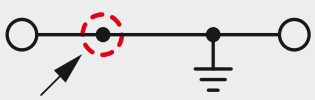
The RT and RTO terminal blocks can be wired with uninsulated cable lugs as well. These are fitted with BE-RT plug-on dividing panels to ensure the high rated voltages.

2.5 mm² RT bolt connection terminal blocks

General technical data for 2.5 mm² RT bolt connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2
Rated cross section	[mm²]	2.5
Cross section range	AWG	26 - 14
Connection capacity, DIN 46234		
Cable lugs, DIN 46234	[mm²]	0.5 - 2.5
Connection bolt / hole diameter / width	[mm]	3 / 3.2 / 6
Connection capacity, DIN 46237		
Cable lugs DIN 46237	[mm²]	1 - 2.5
Connection bolt / hole diameter / width	[mm]	3 / 3.2 / 6
Color code	red	1.00 mm²
Color code	blue	2.50 mm²
General data		
Tightening torque	[Nm]	0.6 - 0.8
Bolt thread		M3
Insulating material		PA
Flammability rating according to UL 94		V0
Note: additional or deviating data is documented for the product.		

Notes:



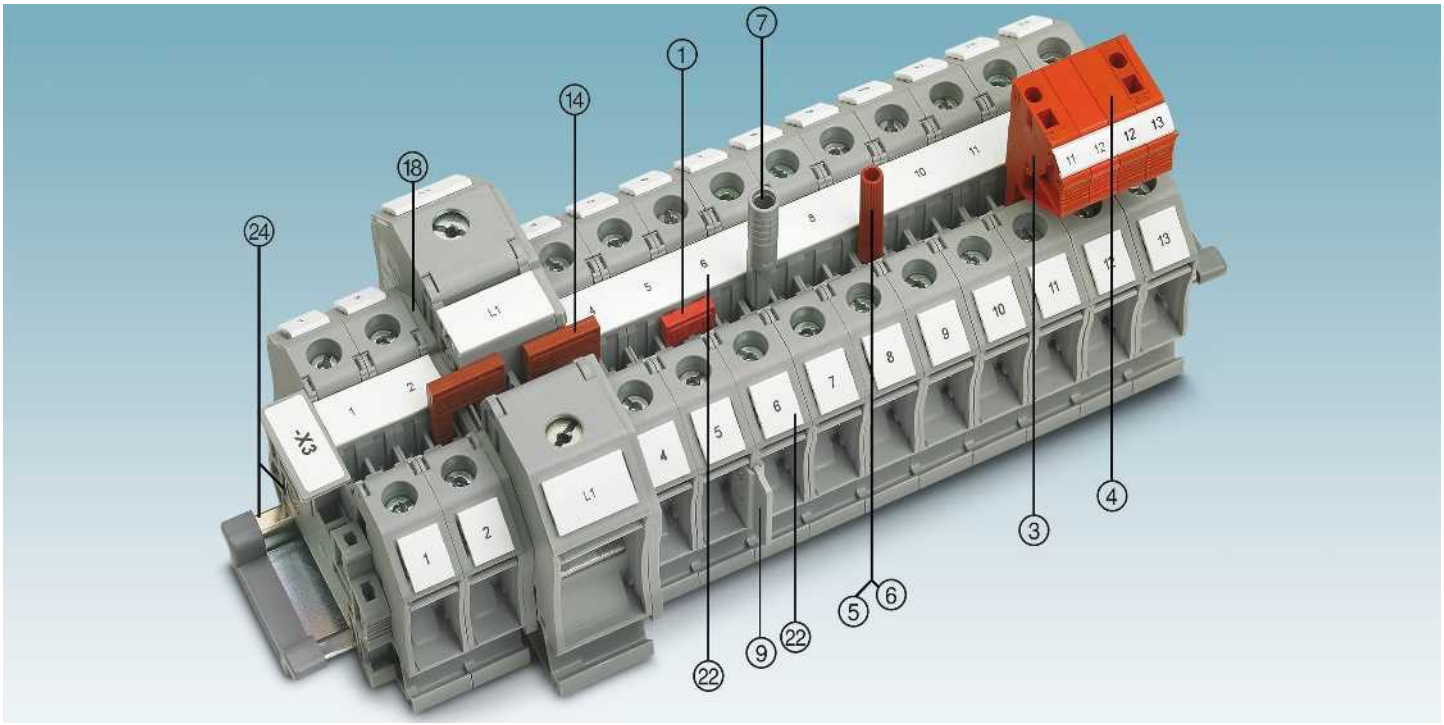
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file nos., and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 2.5 mm² RT bolt connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-6**	3030336	50	**FBSR 2-6**	3033715	50
	3	red	**FBS 3-6**	3030242	50	**FBSR 3-6**	3001594	50
	4	red	**FBS 4-6**	3030255	50	**FBSR 4-6**	3001595	50
	5	red	**FBS 5-6**	3030349	50	**FBSR 5-6**	3001596	50
	10	red	**FBS 10-6**	3030271	10	**FBSR 10-6**	3033716	10
	20	red	**FBS 20-6**	3030365	10			
③ **Modular test plug**		red	**PS-6**	3030996	10			
④ **Spacer plate**		red	**DP PS-6**	3036738	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑨ **Path extension**		gray	**BE-RT 3/5**	3049819	50			
Screwdriver			**SZS 1,0X6,5 VDE**	1205079	10			
Socket wrench			**SHN 5.5**	1209855	1			

⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑱ **Cover**	**Documented for the product**
㉒ **Center and lateral groove labeling**	**UC-TM 8, UCT-TM 8 or ZB 8. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: additional or deviating accessories are documented for the product.**

Feed-through terminal blocks and ground terminals

Notes:

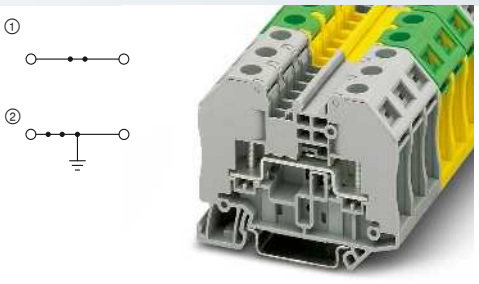
1) For additional accessories and technical data, see page 376.

When using multi-position PS-... test plugs that are mounted side by side, one DP PS-... spacer plate with the same pitch must be used alternately to achieve the terminal block width, see page 405.

For CARRIER 35-8 separating disk with storage option for plug-in bridges, visit phoenixcontact.net/products.

For further bolt connection terminal blocks, see page 538.

For information on installation and using accessories for Ex applications, see page 644.



24 A, feed-through terminal block

Ex: EAC Ex

PTB 09ATEX1003U / IECEx PTB 08.0063U

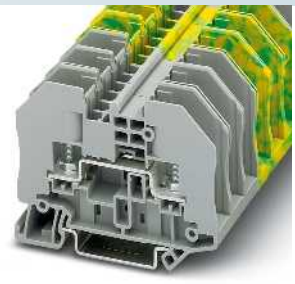
Technical data[1]				
Dimensions	Width	Length	Height	
[mm]	**12.3**	**66**	**51 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24	**1000**	**0.1 - 2.5**	**-**
Maximum bridge current [A]	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	600	-	550
Nominal current / cross section [A] / [mm²]	24 / 2.5	30 / -	- / -	24 / 2.5

Ordering data			
Type		**Order No.**	Pcs./Pkt.
RT 3	1	3049013	50
RT 3 BU	1	3049110	50
RT 3-PE	2	3049411	50

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Accessories[1]			
D-RT 3/5		3049097	50

Cover, width: 2.2 mm — gray



24 A, feed-through terminal block, open

Ex: EAC Ex

PTB 09ATEX1003U / IECEx PTB 08.0063U

Technical data[1]				
Width	Length	Height		
12.3	**66**	**49.9 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
24	**1000**	**0.1 - 2.5**	**-**	
32 (FBS) / 24 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000	600	-	550	
24 / 2.5	30 / -	- / -	24 / 2.5	

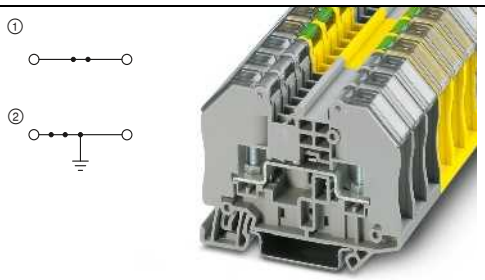
Ordering data			
Type		**Order No.**	Pcs./Pkt.
RTO 3	1	3049518	50
RTO 3 BU	1	3049660	50
RTO 3-PE	2	3049615	50

Accessories[1]			
D-RT 3/5		3049097	50

Feed-through terminal blocks and ground terminals

Notes:

1) For additional accessories and technical data, see page 376.



24 A, feed-through terminal block, with transparent shock protection cover

EAC

Technical data[1]				
Dimensions	Width	Length	Height	
[mm]	**12.3**	**66**	**51 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	24	**1000**	**0.1 - 2.5**	**-**
Maximum bridge current [A]	32 (FBS) / 24 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000	-	-	-
Nominal current / cross section [A] / [mm²]	24 / 2.5	- / -	- / -	- / -

Ordering data			
Type		**Order No.**	Pcs./Pkt.
RTO 3-TC	1	3049945	50
RTO 3-TC BU	1	3049835	50
RTO 3-PE-TC	2	3049958	50

Description	Color
Terminal block	gray
	blue
Ground terminal	green-yellow

Accessories[1]			
D-RT 3/5		3049097	50

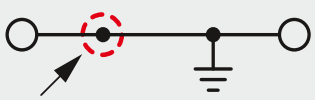
Cover, width: 2.2 mm — gray

6 mm² RT bolt connection terminal blocks

General technical data for 6 mm² RT bolt connection terminal blocks

Rated data		IEC 60947-7-1 / IEC 60947-7-2
Rated cross section	[mm²]	6
Cross section range	AWG	26 - 10
Connection capacity, DIN 46234		
Cable lugs, DIN 46234	[mm²]	0.5 - 6
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10
Connection capacity, DIN 46237		
Cable lugs DIN 46237	[mm²]	1 - 6
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10
Color code	red	1.00 mm²
Color code	blue	2.50 mm²
Color code	yellow	6.00 mm²
General data		
Tightening torque	[Nm]	2.5 - 3
Bolt thread		M5
Insulating material		PA
Flammability rating according to UL 94		V0
Note: additional or deviating data is documented for the product.		

Notes:



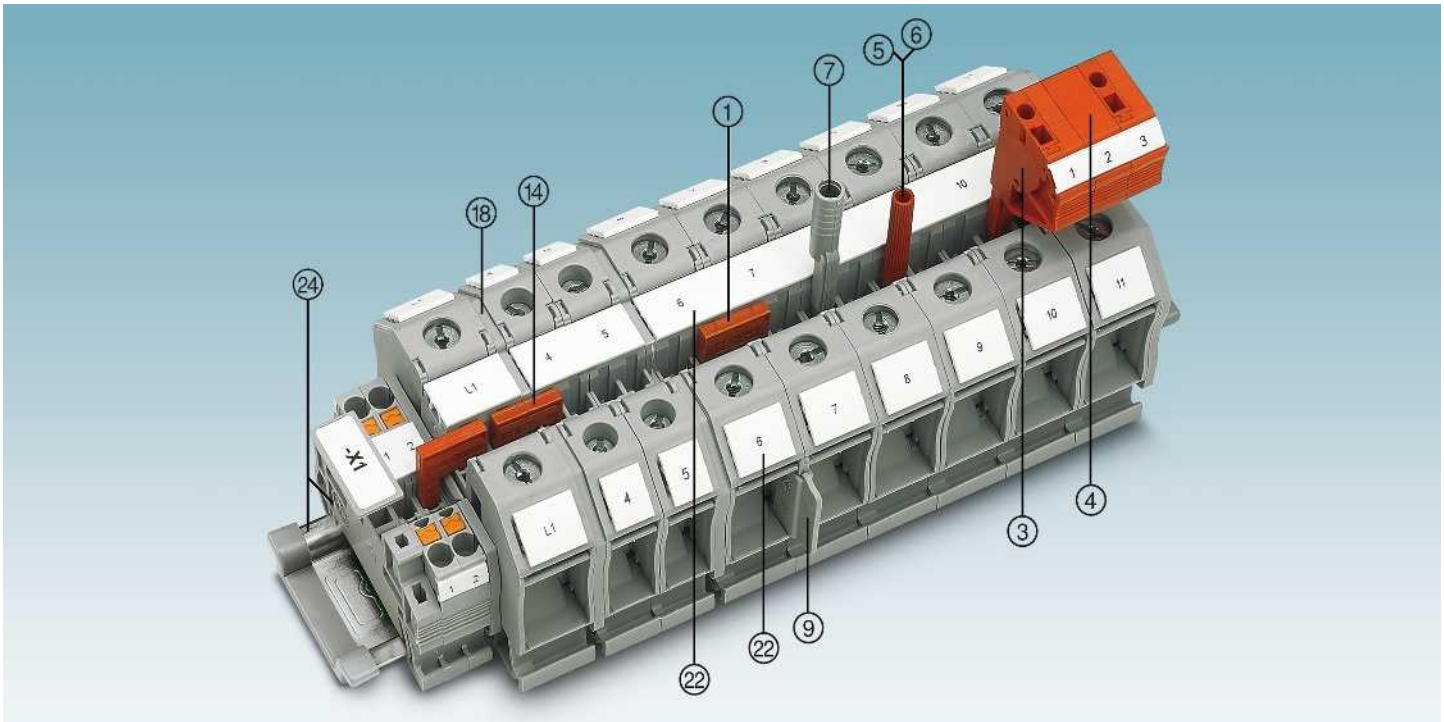
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file nos., and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 6 mm² RT bolt connection terminal blocks



Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-8**	3030284	10	**FBSR 2-8**	3033808	10
	3	red	**FBS 3-8**	3030297	10	**FBSR 3-8**	3001597	10
	4	red	**FBS 4-8**	3030307	10	**FBSR 4-8**	3000585	10
	5	red	**FBS 5-8**	3030310	10	**FBSR 5-8**	3033809	10
	10	red	**FBS 10-8**	3030323	10	**FBSR 10-8**	3001599	10
	16	red				**FBSR 16-8**	3033816	10
③ **Modular test plug**		red	**PS-8**	3031005	10			
④ **Spacer plate**		red	**DP PS-8**	3036741	10			
⑤ **Test plug metal part**		silver	**MPS-MT**	0201744	10			
⑥ **Insulating sleeve,** for MPS metal part		red	**MPS-IH RD**	0201676	10			
⑦ **Test adapter,** 4 mm socket hole		gray	**PAI-4-N GY**	3032871	10			
⑨ **Path extension**		gray	**BE-RT 3/5**	3049819	50			
Screwdriver			**SZS 1,0X6,5 VDE**	1205079	10			
Socket wrench			**SHN 8**	1209868	1			

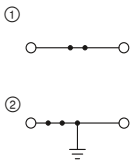
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑰ **Partition plates/end cover segments**	**For ATP-... / DS-..., visit phoenixcontact.net/products**
⑱ **Cover**	**Documented for the product**
㉒ **Center and lateral groove labeling**	**UC-TM 12, UCT-TM 12 or ZB 12. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: additional or deviating accessories are documented for the product.**

Feed-through terminal blocks and ground terminals

Notes:

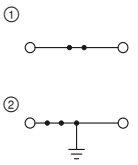
[1]) For additional accessories and technical data, see page 378.

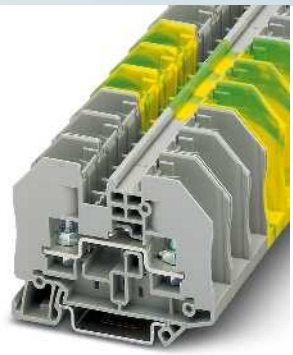
For information on installation and using accessories for Ex applications, see page 644.





41 A, feed-through terminal block





41 A, feed-through terminal block, open

Ex: EAC Ex

PTB 09ATEX1003U / IECEx PTB 08.0063U

Dimensions	
	[mm]
Maximum electrical data	
Maximum bridge current	[A]
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]

Technical data[1])

Width	Length	Height	
16.3	**66**	**51 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41	**1000**	**0.1 - 6**	**-**
41 (FBS)			
IEC	UL / CUL	CSA	Ex
1000	600	-	550
41 / 6	30 / -	- / -	41 / 6

Ordering data

Description	Color
Terminal block	gray
	blue
With transparent shock-protection hood	gray
	blue
Ground terminal	green-yellow
With transparent shock-protection hood	green-yellow

Type		Order No.	Pcs./Pkt.
RT 5	①	3049026	50
RT 5 BU	①	3049123	50
RT 5-PE	②	3049424	50

Accessories[1])

Cover, width: 2.2 mm	gray

Type	Order No.	Pcs./Pkt.
D-RT 3/5	3049097	50

Ex: EAC Ex

PTB 09ATEX1003U / IECEx PTB 08.0063U

Technical data[1])

Width	Length	Height	
16.3	**66**	**49.9 (NS 35/7,5)**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41	**1000**	**0.1 - 6**	**-**
41 (FBS)			
IEC	UL / CUL	CSA	Ex
1000	600	-	550
41 / 6	30 / -	- / -	41 / 6

Ordering data

Type		Order No.	Pcs./Pkt.
RTO 5	①	3049521	50
RTO 5 BU	①	3049767	50
RTO 5-TC	①	3049961	50
RTO 5-TC BU	①	3049851	50
RTO 5-PE	②	3049628	50
RTO 5-PE-TC	②	3049974	50

Accessories[1])

Type	Order No.	Pcs./Pkt.
D-RT 3/5	3049097	50

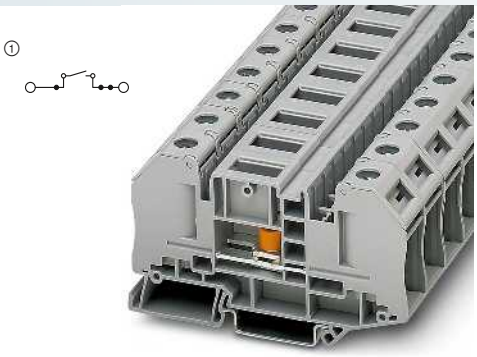
6 mm² RT bolt connection terminal blocks

Measuring transducer disconnect terminal blocks

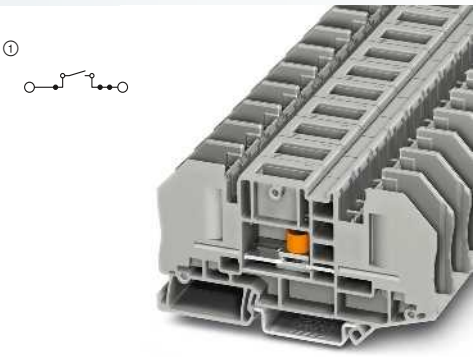
Notes:

[1]) For additional accessories and technical data, see page 378.

[2]) Rated voltage for 500 V open disconnect point.



41 A, measuring transducer disconnect terminal block



41 A, measuring transducer disconnect terminal block, open

Technical data[1])				
Dimensions	Width	Length	Height	
[mm]	**16.3**	**91.4**	**51 (NS 35/7,5)**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	41	**1000[2])**	**0.1 - 6**	**-**
Maximum bridge current [A]	41 (FBS) / 32 (FBSR)			
Rated data	IEC	UL / CUL	CSA	Ex
Rated voltage [V]	1000[2])	600	-	-
Nominal current / cross section [A] / [mm²]	41 / 6	30 / -	- / -	- / -
General data				
Tightening torque disconnect slide [Nm]	1.5 - 1.8			

Technical data[1])				
Width	Length	Height		
16.3	**91.4**	**49.9 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
41	**1000[2])**	**0.1 - 6**	**-**	
41 (FBS) / 32 (FBSR)				
IEC	UL / CUL	CSA	Ex	
1000[2])	600	-	-	
41 / 6	30 / -	- / -	- / -	
1.5 - 1.8				

Description	Color
Meas. trans. disconnect terminal block	gray
With transparent shock-protection hood	gray

Ordering data			
Type		**Order No.**	Pcs./Pkt.
RT 5-T	①	3049039	25

Ordering data			
Type		**Order No.**	Pcs./Pkt.
RTO 5-T	①	3049233	25
RTO 5-T-TC	①	3049990	25

Accessories[1])			
Cover, width: 2.2 mm	gray	**D-RT 5-T**	3049291	50

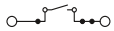
Accessories[1])			
D-RT 5-T	3049291	50

Measuring transducer disconnect terminal blocks

Notes:

[1]) For additional accessories and technical data, see page 378.

①





41 A, measuring transducer disconnect terminal block

①





41 A, measuring transducer disconnect terminal block, with transparent shock protection cover

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**12.3**	**82.4**	**51 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41	**500**	**0.1 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	-	-
Nominal current / cross section	[A] / [mm²]	41	30 / -	- / -	- / -
General data					
Tightening torque	[Nm]	1.5 - 1.8			
Bolt thread		M4			

Ordering data

Description	No. of pos.	Color	Type		Order No.	Pcs./Pkt.
Measuring transducer disconnect terminal block, with test socket screws		gray	**RT 4-T-P/P**	①	3000565	25
		gray				

Accessories[1])

Cover, width: 2.2 mm		gray	**D-RT 4-T**	3000606	50
Plug-in bridge					
	2	red	**FBS 2-6**	3030336	50
	3	red	**FBS 3-6**	3030242	50
	4	red	**FBS 4-6**	3030255	50
	5	red	**FBS 5-6**	3030349	50
	10	red	**FBS 10-6**	3030271	10
	20	red	**FBS 20-6**	3030365	10
Modular test plug, for the individual assembly of test pin strips		red	**PS-6**	3030996	10
Spacer plate for test plug, for skipping individual terminal blocks during the assembly of individual test plugs, 6.2 mm wide, can be labeled with ZBF 6		red	**DP PS-6**	3036738	10
Screwdriver			**SF-SL 0,8X4,0-100**	1212551	10

Technical data[1])

Dimensions		Width	Length	Height	
	[mm]	**12.3**	**82.4**	**51 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		41	**500**	**0.1 - 6**	**-**
Maximum bridge current	[A]	32 (FBS) / 24 (FBSR)			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	500	600	-	-
Nominal current / cross section	[A] / [mm²]	41	30 / -	- / -	- / -
General data					
Tightening torque	[Nm]	1.5 - 1.8			
Bolt thread		M4			

Ordering data

Type		Order No.	Pcs./Pkt.
RTO 4-T-TC	①	3000558	25

Accessories[1])

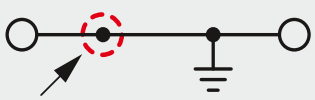
D-RT 4-T	3000606	50
FBS 2-6	3030336	50
FBS 3-6	3030242	50
FBS 4-6	3030255	50
FBS 5-6	3030349	50
FBS 10-6	3030271	10
FBS 20-6	3030365	10
PS-6	3030996	10
DP PS-6	3036738	10
SF-SL 0,8X4,0-100	1212551	10

35 mm² RT bolt connection terminal blocks

General technical data for 35 mm² RT bolt connection terminal blocks

Rated data		IEC 60947-7-1
Rated cross section	[mm²]	35
Cross section range	AWG	14 - 2
Connection capacity, DIN 46234		
Cable lugs, DIN 46234	[mm²]	2.5 - 35
Connection bolt / hole diameter / width	[mm]	8 / 8.4 / 16
Connection capacity, DIN 46237		
Cable lugs DIN 46237	[mm²]	2.5 - 6
Connection bolt / hole diameter / width	[mm]	8 / 8.4 / 14
Color code	blue	2.50 mm²
Color code	yellow	6.00 mm²
General data		
Tightening torque	[Nm]	4.5 - 5
Bolt thread		M8
Insulating material		PA
Flammability rating according to UL 94		V0
Note: additional or deviating data is documented for the product.		

Notes:



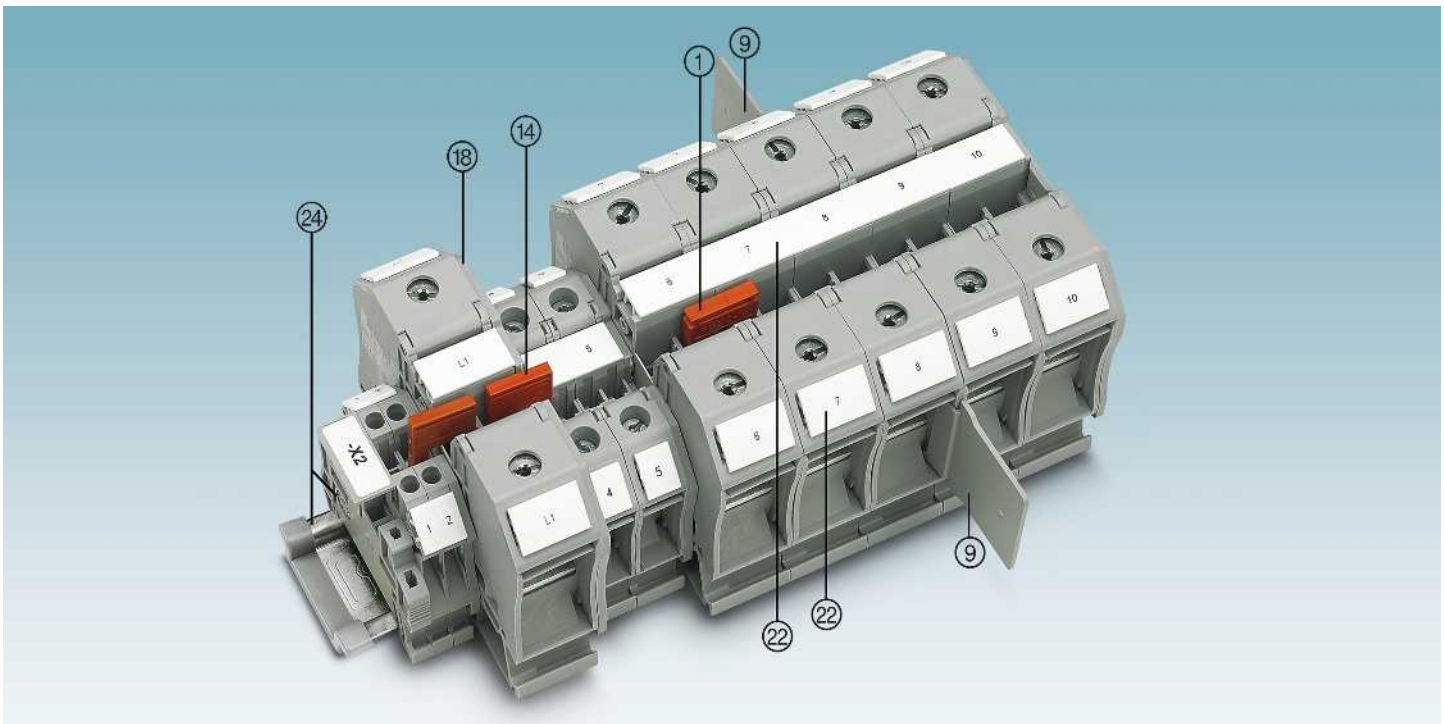
In addition to the product, the internal electrical wiring is provided as a circuit diagram. Free connection points for bridging are indicated by a black dot.

The specified technical data and approvals refer to the first product in each column. For information on the products below, please refer to phoenixcontact.net/products

For full details of UL and CSA use groups, file nos., and Internet links, please visit phoenixcontact.net/products

[1]) The bridge current is documented for the respective product. For additional colors, see page 396.

System accessories for 35 mm² RT bolt connection terminal blocks

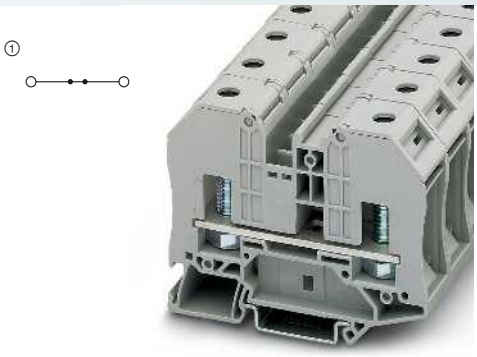


Description	Number of pos.	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
① **Plug-in bridge**[1])	2	red	**FBS 2-10**	3005947	10			
⑨ **Path extension**		gray	**BE-RT 8**	3049916	50			
Socket wrench			**SHN 13**	1209923	1			

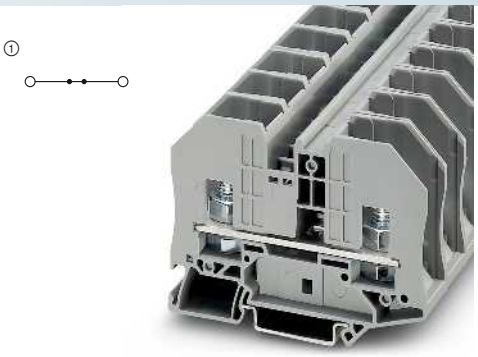
⑭ **Reducing bridge**	**For RB ..., see page 402.**
⑱ **Cover**	**Documented for the product**
㉒ **Center and lateral groove labeling**	**UC-TM 16, UCT-TM 16 or ZB 16,3. See also Catalog 3, selection tables from page 68.**
㉔ **DIN rails and end brackets**	**See Catalog 3**
For full accessories, visit phoenixcontact.net/products	**Note: additional or deviating accessories are documented for the product.**

Feed-through terminal blocks

Notes:
[1]) For additional accessories and technical data, see page 382.
For information on installation and using accessories for Ex applications, see page 644.



125 A, feed-through terminal block



125 A, feed-through terminal block, open

Ex: EAC Ex

PTB 09ATEX1003U / IECEx PTB 08.0063U

Technical data[1])

Dimensions					
	[mm]	Width	Length	Height	
		20.3	**84**	**63.8 (NS 35/7,5)**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		125	**1000**	**2.5 - 35**	**-**
Maximum bridge current	[A]	57			
Rated data		IEC	UL / CUL	CSA	Ex
Rated voltage	[V]	1000	600	-	690
Nominal current / cross section	[A] / [mm²]	125 / 35	130 / -	- / -	125 / 35
General data					
Tightening torque	[Nm]	4.5 - 5			

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Terminal block	gray	**RT 8**	①	3049042	25
	blue	**RT 8 BU**	①	3049148	25
With transparent shock-protection hood	gray				
	blue				

Accessories[1])

Cover, width: 2.2 mm	gray	**D-RT 8**	3049194	50

Ex: EAC Ex

PTB 09ATEX1003U / IECEx PTB 08.0063U

Technical data[1])

Width	Length	Height		
20.3	**84**	**62.2 (NS 35/7,5)**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
125	**1000**	**2.5 - 35**	**-**	
57				
IEC	UL / CUL	CSA	Ex	
1000	600	-	690	
125 / 35	115 / -	- / -	125 / 35	
6 - 10				

Ordering data

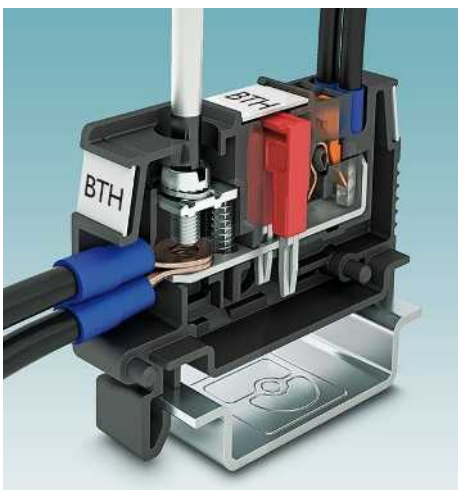
Type		Order No.	Pcs./Pkt.
RTO 8	①	3049343	25
RTO 8 BU	①	3049864	25
RTO 8-TC	①	3050002	25
RTO 8-TC BU	①	3049929	25

Accessories[1])

D-RT 8	3049194	50	

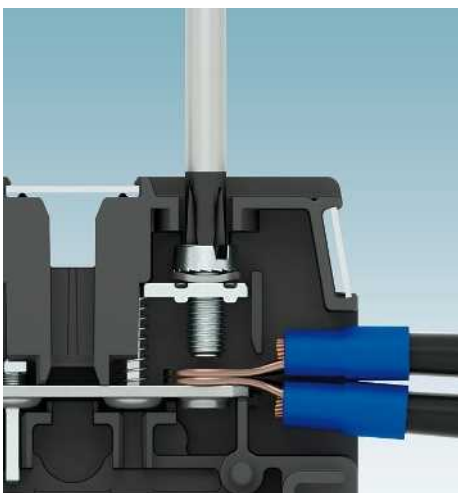


Your web code: #0558



Free choice of connection technology

The BT barrier terminal blocks are available with various connection technologies and as hybrid versions. Combine the connection technologies and benefit from the individual advantages for the control cabinet and field connection.



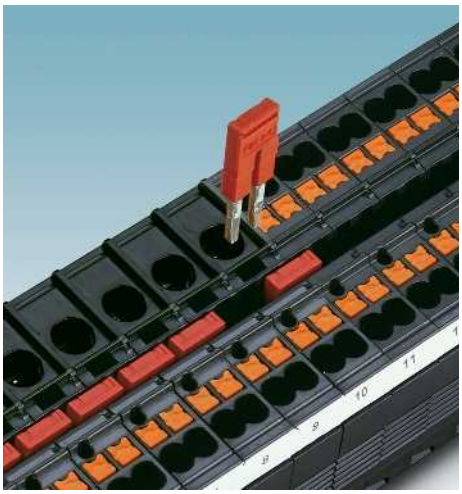
User-friendly connection

Thanks to the screw connection principle with spring-loaded screw, you can wire conductors with ring cable lugs quickly and easily. The integrated spring washers ensure vibration-proof and maintenance-free connection.



Quick and easy wiring

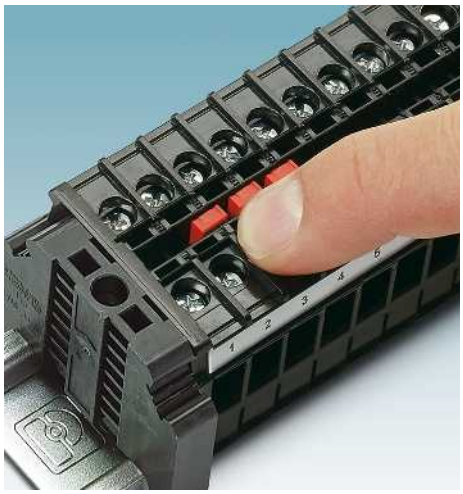
Thanks to the double Push-in connection, you can connect two conductors to one potential – easily and without tools.



Using two-pos. plug-in bridges, any number of terminal blocks can be quickly connected to form a potential distribution block.



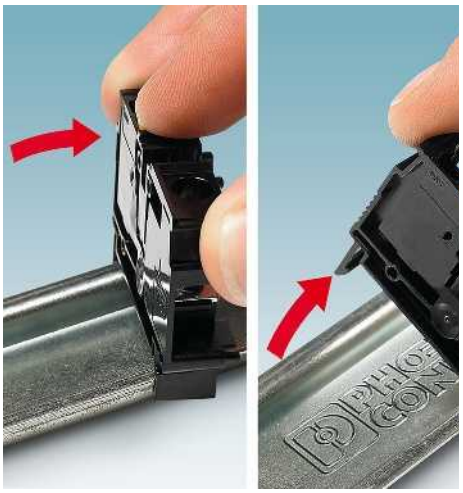
2.3 mm test connections that are easy to access offer an easy testing facility, e.g., in the case of maintenance or service.



The BT terminal housings are touch-proof. This means that no additional terminal strip cover is required.



Using endless marker strips, the terminal blocks can be marked across a large surface and the terminal points can be marked clearly.



The terminal blocks easily snap on and off the NS 35 DIN rails without the need for tools. By tilting the single terminal block slightly to the side it can be released and snapped off.



Covering hoods are available for the BTO ... terminal block variants.

Screw connection terminal blocks for ring and fork-type cable lug connection

new



17.5 A, feed-through terminal block, open

Technical data

Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**7**	**42**	**33.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5	**690**	**0.14 - 1.5** / **26-16**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	690	600	600 / -
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	10 / -	10 / - / -
Cross section range	AWG	-	26-16	26-16 / -
Connection capacity screw connection		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	-	0.14 - 1.5	- / -
Connection capacity, DIN 46234				
Cable lugs, DIN 46234	[mm²]	0.14 - 1.5		
Connection bolt / hole diameter / width	[mm]	3 / 3.2 / 5.8		
Color code	red	1.00 mm²		
Connection capacity of Push-in connection		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	-	-	- / -
Connection cross sections directly plugged in	[mm²]	-	-	- / -
General data				
Stripping length	[mm]	-		
Tightening torque	[Nm]	0.6 - 1		
Insulating material		PC		
Flammability rating according to UL 94		V0		

Ordering data

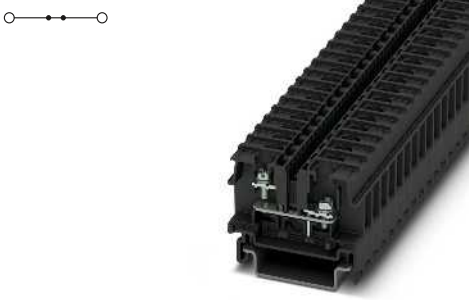
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		black gray	**BTO 1,25**		3281100	50

Accessories

Cover, 3.5 mm width		black gray	**D-BT 1,25**		3281120	50
Plug-in bridge	2	red	**FBS 2-3,5**	17.5 A	3213014	50
Cover profile, supply length 1 m		transparent	**AP-BTO 1,25**		3281125	10
Modular test plug, for the individual assembly of test pin strips		red	**PS-3,5**		3031010	10
Spacer plate for test connector, for skipping individual terminal blocks in the case of individual test connector assembly		red	**DP PS-3,5**		3031011	10
Test plug metal part, 2.3 mm Ø		silver	**MPS-MT**		0201744	10
Insulating sleeve, for MPS metal part		red	**MPS-IH RD**		0201676	10
Screwdriver			**SF-PH 2-100**		1212560	10
Screwdriver			**SF-PH 2-100 S-VDE**		1212694	10

Marking — **TMT 6 R, TMT (EX9.5)R (see Catalog 3)**

new



17.5 A, feed-through terminal block, closed

new



17.5 A, feed-through terminal block, one-sided Push-in connection

new



17.5 A, feed-through terminal block, two-sided Push-in connection

Technical data

Width	Length	Height NS 35/7,5	
7	**42**	**33.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**690**	**0.14 - 1.5**	**26-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	600	600	-
17.5 / 1.5	10 / -	10 / -	-
-	26-16	26-16	-
solid	stranded	Ferrule without/with plastic sleeve	
-	0.14 - 1.5	-	-
0.14 - 1.5			
3 / 3.2 / 5.8			
1.00 mm²			
solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-			
0.6 - 1			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BT 1,25		3281122	50

Accessories

D-BT 1,25		3281120	50
FBS 2-3,5	17.5 A	3213014	50
AP-BTO 1,25		3281125	10
PS-3,5		3031010	10
DP PS-3,5		3031011	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SF-PH 2-100		1212560	10
SF-PH 2-100 S-VDE		1212694	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
7	**42**	**33.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**690**	**0.14 - 1.5**	**26-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	300	600	-
17.5 / 1.5	10 / -	10 / -	-
26 - 16	26-16	26-16	-
solid	stranded	Ferrule without/with plastic sleeve	
-	0.14 - 1.5	-	-
0.14 - 1.5			
3 / 3.2 / 5.8			
1.00 mm²			
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	0.14 - 0.75
0.25 - 1.5	-	0.25 - 1.5	0.25 - 0.75
8 - 9			
-			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BTH 1,25		3281101	50

Accessories

D-BT 1,25		3281120	50
FBS 2-3,5	17.5 A	3213014	50
PS-3,5		3031010	10
DP PS-3,5		3031011	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SF-PH 2-100		1212560	10
SF-PH 2-100 S-VDE		1212694	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
7	**42**	**33.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
17.5	**690**	**0.14 - 1.5**	**26-16**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	300	300	-
17.5 / 1.5	10 / -	10 / -	-
26 - 16	26-16	26-16	-
solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-			
- / - / -			
-			
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.14 - 1.5	0.14 - 0.75
0.25 - 1.5	-	0.25 - 1.5	0.25 - 0.75
8 - 9			
-			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BTP 1,25		3281102	50
BTP 1,25 GY		3281106	50

Accessories

D-BT 1,25		3281120	50
D-BT 1,25 GY		3281129	50
FBS 2-3,5	17.5 A	3213014	50
PS-3,5		3031010	10
DP PS-3,5		3031011	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SZF 0-0,4X2,5		1204504	10
SZK PZ0 VDE		1206447	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)

2.5 mm² BT barrier terminal blocks

Screw connection terminal blocks for ring and fork-type cable lug connection

new



24 A, feed-through terminal block, open

Technical data

Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**8**	**42**	**33.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24	**690**	**0.14 - 2.5** / **26-14**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	690	600	- / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	- / -
Cross section range	AWG	-	26-14	- / -
Connection capacity screw connection		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	-	0.14 - 2.5	- / -
Connection capacity, DIN 46234				
Cable lugs, DIN 46234	[mm²]	0.14 - 2.5		
Connection bolt / hole diameter / width	[mm]	3.5 / 3.7 / 6.8		
Color code	red	1.00 mm²		
Color code	blue	2.50 mm²		
Connection capacity of Push-in connection		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	-	-	- / -
Connection cross sections directly plugged in	[mm²]	-	-	- / -
General data				
Stripping length	[mm]	-		
Tightening torque	[Nm]	1 - 1.3		
Insulating material		PC		
Flammability rating according to UL 94		V0		

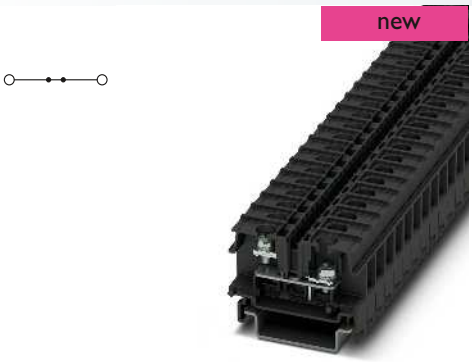
Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		black gray	**BTO 2,0**		3281107	50

Accessories

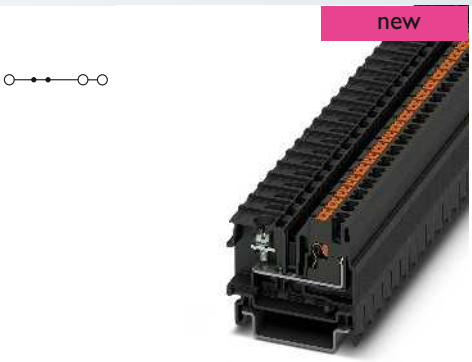
Cover, 3.5 mm width		black gray	**D-BT 1,25**		3281120	50
Plug-in bridge	2	red	**FBS 2-3,5**	17.5 A	3213014	50
Cover profile, supply length 1 m		transparent	**AP-BTO 1,25**		3281125	10
Modular test plug, for the individual assembly of test pin strips		red	**PS-3,5**		3031010	10
Spacer plate for test connector, for skipping individual terminal blocks in the case of individual test connector assembly		red	**DP PS-3,5**		3031011	10
Test plug metal part, 2.3 mm Ø		silver	**MPS-MT**		0201744	10
Insulating sleeve, for MPS metal part		red	**MPS-IH RD**		0201676	10
Screwdriver			**SF-PH 2-100**		1212560	10
Screwdriver			**SF-PH 2-100 S-VDE**		1212694	10
Marking			**TMT 6 R, TMT (EX9.5)R (see Catalog 3)**			

new



24 A, feed-through terminal block, closed

new



24 A, feed-through terminal block, one-sided Push-in connection

new



24 A, feed-through terminal block, two-sided Push-in connection

Technical data

Width	Length	Height NS 35/7,5	
8	**42**	**33.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**690**	**0.14 - 2.5**	**26-14**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	600	-	-
24 / 2.5	15 / -	-	-
-	26-14	-	-
solid	stranded	Ferrule without/with plastic sleeve	
-	0.14 - 2.5	-	-
0.14 - 2.5			
3.5 / 3.7 / 6.8			
1.00 mm²			
2.50 mm²			
solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-			
1 - 1.3			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BT 2,0		3281123	50

Accessories

D-BT 1,25		3281120	50
FBS 2-3,5	17.5 A	3213014	50
AP-BTO 1,25		3281125	10
PS-3,5		3031010	10
DP PS-3,5		3031011	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SF-PH 2-100		1212560	10
SF-PH 2-100 S-VDE		1212694	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8	**42**	**36.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**690**	**0.14 - 2.5**	**26-14**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	600	-	-
24	15 / -	-	-
26 - 14	26-14	-	-
solid	stranded	Ferrule without/with plastic sleeve	
-	0.14 - 2.5	-	-
0.14 - 2.5			
3.5 / 3.7 / 6.8			
1.00 mm²			
2.50 mm²			
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5
0.5 - 2.5	-	0.34 - 1.5	0.34 - 1.5
10 - 12			
-			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BTH 2,0		3281108	50

Accessories

D-BT 1,25		3281120	50
FBS 2-3,5	17.5 A	3213014	50
PS-3,5		3031010	10
DP PS-3,5		3031011	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SF-PH 2-100		1212560	10
SF-PH 2-100 S-VDE		1212694	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8	**42**	**36.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**690**	**0.14 - 2.5**	**26-14**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	600	600	-
24 / 2.5	15 / -	15 / -	-
26 - 14	26-14	26-14	-
solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-			
- / - / -			
-			
-			
solid	stranded	Ferrule without/with plastic sleeve	
0.14 - 2.5	0.14 - 2.5	0.14 - 1.5	0.14 - 1.5
0.5 - 2.5	-	0.34 - 1.5	0.34 - 1.5
10 - 12			
-			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BTP 2,0		3281109	50
BTP 2,0 GY		3281113	50

Accessories

D-BT 1,25		3281120	50
D-BT 1,25 GY		3281129	50
FBS 2-3,5	17.5 A	3213014	50
PS-3,5		3031010	10
DP PS-3,5		3031011	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SZF 0-0,4X2,5		1204504	10
SZK PZ0 VDE		1206447	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)

Screw connection terminal blocks for ring and fork-type cable lug connection

Notes:

[1]) Touch-proof against unintentional direct contact according to DIN EN 50274 when plugged in.

new



32 A, feed-through terminal block, open

Technical data

Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**10**	**46**	**38.2**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32	**690**	**0.14 - 4** / **26-12**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	690	600	- / -
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	- / -
Cross section range	AWG	-	26-12	- / -
Connection capacity screw connection		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	-	0.14 - 4	- / -
Connection capacity, DIN 46234				
Cable lugs, DIN 46234	[mm²]	0.14 - 4		
Connection bolt / hole diameter / width	[mm]	4 / 4.3 / 8.8		
Color code	red	1.00 mm²		
Color code	blue	2.50 mm²		
Color code	yellow	6.00 mm²		
Connection capacity of Push-in connection		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	-	-	- / -
Connection cross sections directly plugged in	[mm²]	-	-	- / -
General data				
Stripping length	[mm]	-		
Tightening torque	[Nm]	1.4 - 2		
Insulating material		PC		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block		black gray	**BTO 3,5**		3281114	50

Accessories

Cover, 3.5 mm width		black gray	**D-BT 3,5**		3281121	50
Plug-in bridge	2	red	**FBS 2-5**	24 A	3030161	50
Plug-in bridge	2	red	**FBSR 2-5**	17.5 A	3033702	50
Cover profile, supply length 1 m		transparent	**AP-BTO 1,25**		3281125	10
Test adapter, 4 mm test socket hole[1])		gray	**PAI-4**		3030925	10
Modular test plug, for the individual assembly of test pin strips		red	**PS-5**		3030983	10
Spacer plate for test plug, for skipping individual terminal blocks during the assembly of individual test plugs, 5.2 mm wide, can be labeled with ZBF 5		red	**DP PS-5**		3036725	10
Test plug metal part, 2.3 mm Ø		silver	**MPS-MT**		0201744	10
Insulating sleeve, for MPS metal part		red	**MPS-IH RD**		0201676	10
Screwdriver			**SF-PH 2-100**		1212560	10
Screwdriver			**SF-PH 2-100 S-VDE**		1212694	10

Marking — **TMT 6 R, TMT (EX9.5)R (see Catalog 3)**

new



32 A, feed-through terminal block, closed

new



32 A, feed-through terminal block, one-sided Push-in connection

new



32 A, feed-through terminal block, two-sided Push-in connection

Technical data

Width	Length	Height NS 35/7,5	
10	**46**	**38.2**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**690**	**0.14 - 4**	**26-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	600	-	-
32 / 4	30 / -	-	-
-	26-12	-	-
solid	stranded	Ferrule without/with plastic sleeve	
-	0.14 - 4	-	-
0.14 - 4			
4 / 4.3 / 8.8			
1.00 mm²			
2.50 mm²			
6.00 mm²			
solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-			
1.4 - 2			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BT 3,5		3281124	50

Accessories

D-BT 3,5		3281121	50
FBS 2-5	24 A	3030161	50
FBSR 2-5	17.5 A	3033702	50
AP-BTO 1,25		3281125	10
PAI-4		3030925	10
PS-5		3030983	10
DP PS-5		3036725	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SF-PH 2-100		1212560	10
SF-PH 2-100 S-VDE		1212694	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
10	**46**	**38.2**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**690**	**0.2 - 4**	**26-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	300	300	-
32	20 / -	20 / -	-
24 - 12	26-12	26-12	-
solid	stranded	Ferrule without/with plastic sleeve	
-	0.2 - 4	-	-
0.2 - 4			
4 / 4.3 / 8.8			
1.00 mm²			
2.50 mm²			
6.00 mm²			
solid	stranded	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
0.5 - 4	-	0.5 - 2.5	0.5 - 2.5
11 - 12			
-			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BTH 3,5		3281115	50

Accessories

D-BT 3,5		3281121	50
FBS 2-5	24 A	3030161	50
FBSR 2-5	17.5 A	3033702	50
PAI-4		3030925	10
PS-5		3030983	10
DP PS-5		3036725	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SF-PH 2-100		1212560	10
SF-PH 2-100 S-VDE		1212694	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
10	**46**	**38.2**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**690**	**0.2 - 4**	**26-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
690	600	600	-
32 / 4	20 / -	20 / -	-
24 - 12	26-12	26-12	-
solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-			
- / - / -			
-			
-			
-			
solid	stranded	Ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 2.5	0.25 - 2.5
0.5 - 4	-	0.5 - 2.5	0.5 - 2.5
10 - 12			
-			
PC			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
BTP 3,5		3281116	50
BTP 3,5 GY		3281128	50

Accessories

D-BT 3,5		3281121	50
D-BT 3,5 GY		3281130	50
FBS 2-5	24 A	3030161	50
FBSR 2-5	17.5 A	3033702	50
PAI-4		3030925	10
PS-5		3030983	10
DP PS-5		3036725	10
MPS-MT		0201744	10
MPS-IH RD		0201676	10
SZF 1-0,6X3,5		1204517	10
SZK PZ1 VDE		1206450	10

TMT 6 R, TMT (EX9.5)R (see Catalog 3)


QT
PT
ST
UT

Accessories

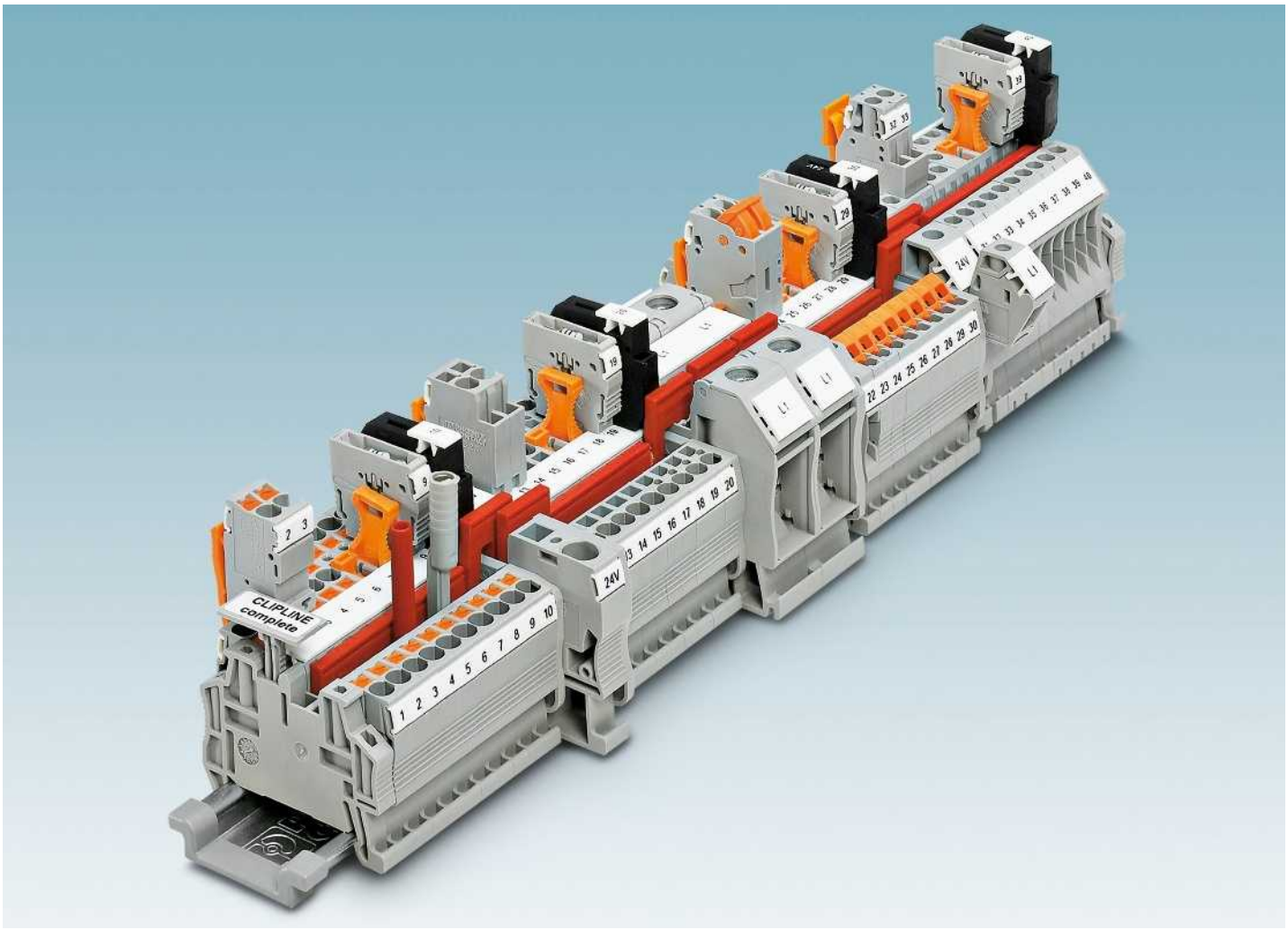
The CLIPLINE complete system offers you a uniform range of accessories for all connection technologies.

Marking and test accessories are standardized and reduce logistics costs. In addition, all terminal blocks of the CLIPLINE complete system can be freely combined with each other using the double function shaft. All disconnect terminal blocks in the CLIPLINE complete system have a standardized disconnect zone. Various function plugs are available for use in the disconnect terminal blocks. Isolating plugs are used for simple disconnection. The fuse plugs are designed for the use of cartridge fuse inserts. The patented component connector allows you to mount components quickly, without the risk of polarity reversal, and without the need for soldering.

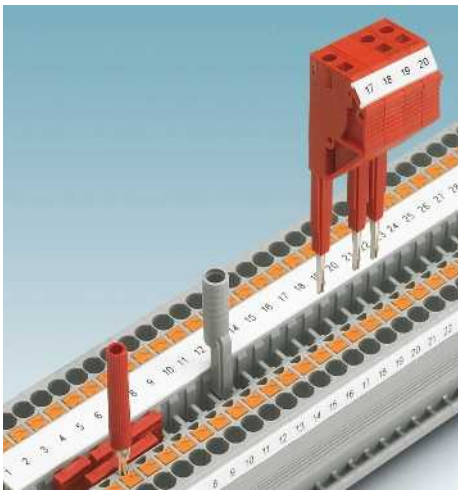
Your web code: #1402

Product range overview

Accessories	**394**
Plug-in bridges	**396**
Reducing bridges table	**402**
Test plugs and test adapters	**404**
Fuse, isolating, and component plugs	**408**
Marker carriers	**412**
Terminal block group marking	**413**
Warning labels	**413**



Your web code: #1402



Function shaft

All the terminal blocks in the CLIPLINE complete system have function shafts to allow fast and individual potential distribution through plug-in bridges and simple testing.



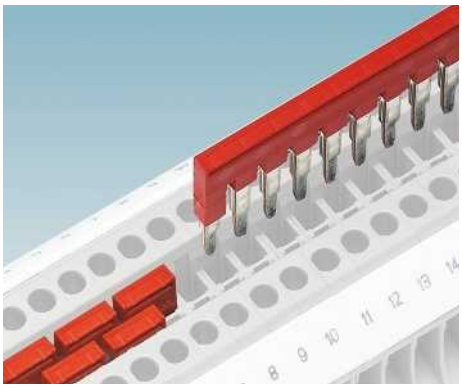
Multifunctional disconnect zone

All the disconnect terminal blocks in the CLIPLINE complete system have a standardized disconnect zone. Various functional inserts are available for use in the disconnect terminal blocks.

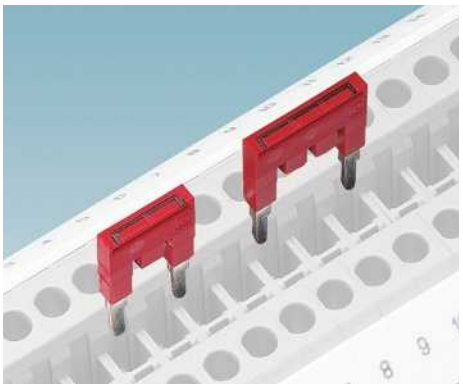


Marking

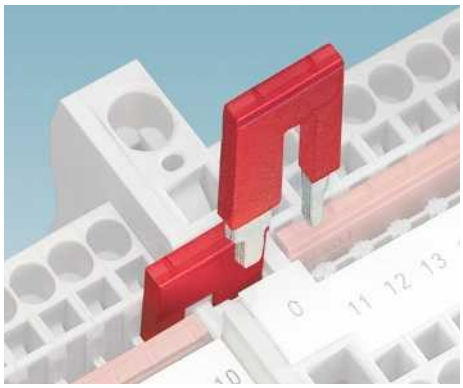
All terminal points in the terminal blocks of the CLIPLINE complete system can have large markings. Optional snap-on large marker carriers are available for group and terminal strip marking.



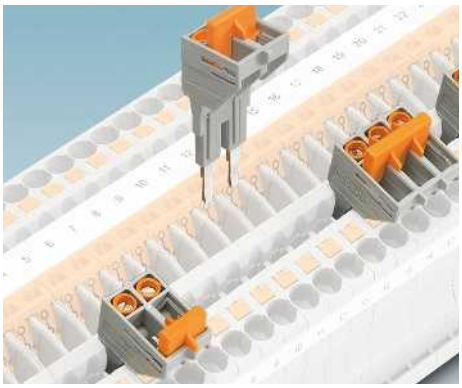
The bridge shafts are arranged in a line across all terminal blocks allowing for a combination of connection methods. The 2- to 50-pos. plug-in bridges allow all potential bridging tasks to be undertaken at speed.



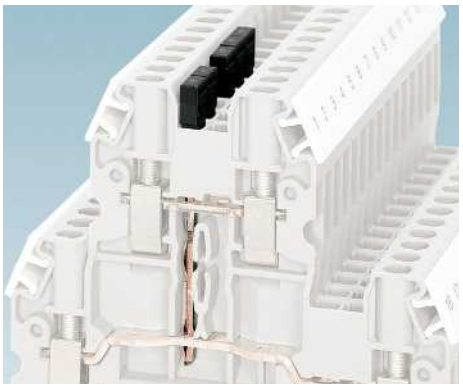
Bridging between non-adjacent terminal blocks is established by removing individual contact tabs from the standard bridge. Two potentials can then be routed in parallel through a terminal strip. The contact points can also be marked.



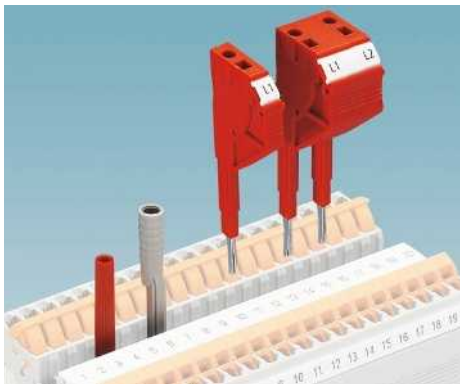
The reducing bridge allows terminal blocks with different nominal cross sections to be connected with ease, e.g. a UT 10 terminal block with a UT 2,5. Infeed blocks can be created at speed with the reducing bridge.



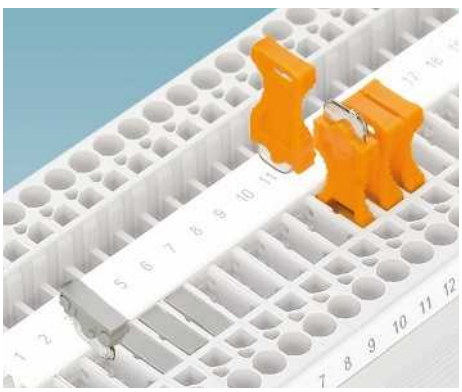
The plug-in SB-ME bridge bars make contact by being securely latched into the function shaft. They create a removable connection between neighboring terminal blocks. This enables a transformer short circuit to be created in measuring transducer disconnect terminal blocks, for example.



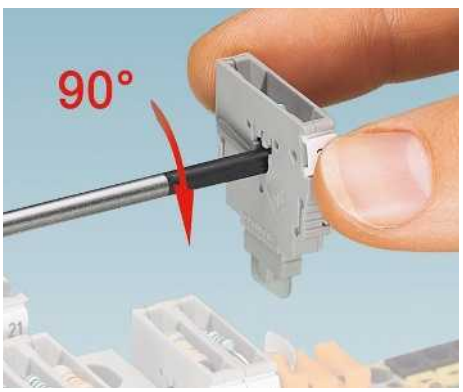
Vertical bridge to connect the upper and the lower levels of a double-level terminal block. The vertical bridge can be easily connected later through the function shaft of the upper level to the lower level.



A test plug with a diameter of 2.3 mm is available for measuring lines and a test adapter with a diameter of 4 mm is available for safety test plugs. Test adapters can be implemented quickly with the alignable test plug.



The P-DI isolating plug can be removed to release the connection easily, and then "parked" back to front in the disconnect zone. The P-FIX contact metal seals the disconnect point with the same shape and cannot be removed again once fitted.

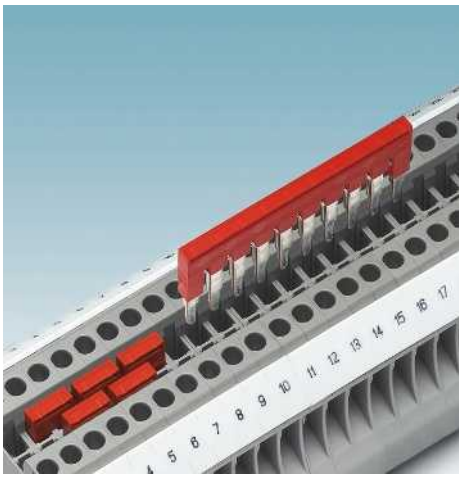


The patented component connector P−CO allows components to be quickly and reliably accommodated using spring-loaded contacts and to be connected without the risk of reverse polarity.



The fuse connectors P-FU are intended to accommodate cartridge fuse inserts. The fuse used can be checked visually via the LED.

FBS ... plug-in bridges



– To allow individual potential distribution, the terminal blocks of the CLIPLINE complete system have two bridge shafts
– The 2- to 50-pos. bridges can bridge up to 50 terminal blocks in one step in these bridge shafts

Designation of bridges

– The last digit in the bridge designation indicates the width of the terminal block. An FBS ...-4 bridge can be used with CLIPLINE complete terminal blocks with a width of 4.2 mm, and an FBS ...-6 bridge can be used with terminal blocks with a width of 6.2 mm

Notes:

The current values for the FBS ... bridges can deviate when used in different terminal blocks. The precise values can be found in the accessories data for the respective terminal blocks.



Plug-in bridge, red

EAC

Ordering data

Description	No. of pos.	Type	I_{max}	Order No.	Pcs./Pkt.
Plug-in bridge					
	2	**FBS 2-3,5**	17.5 A	3213014	50
	3	**FBS 3-3,5**		3213027	50
	4	**FBS 4-3,5**		3213030	50
	5	**FBS 5-3,5**		3213043	50
	10	**FBS 10-3,5**		3213056	50
	20	**FBS 20-3,5**		3213069	50
	50	**FBS 50-3,5**		3000706	10
Plug-in bridge					
	2	**FBS 2-4**	17.5 A	3030116	50
	3	**FBS 3-4**		3030129	50
	4	**FBS 4-4**		3030132	50
	5	**FBS 5-4**		3030145	50
	10	**FBS 10-4**		3030158	10
	20	**FBS 20-4**		3030352	10
Plug-in bridge					
	2	**FBS 2-5**	24 A	3030161	50
	3	**FBS 3-5**		3030174	50
	4	**FBS 4-5**		3030187	50
	5	**FBS 5-5**		3030190	50
	10	**FBS 10-5**		3030213	10
	20	**FBS 20-5**		3030226	10
	50	**FBS 50-5**		3038930	10
Plug-in bridge					
	2	**FBS 2-6**	32 A	3030336	50
	3	**FBS 3-6**		3030242	50
	4	**FBS 4-6**		3030255	50
	5	**FBS 5-6**		3030349	50
	10	**FBS 10-6**		3030271	10
	20	**FBS 20-6**		3030365	10
	50	**FBS 50-6**		3032224	10
Plug-in bridge					
	2	**FBS 2-8**	41 A	3030284	10
	3	**FBS 3-8**		3030297	10
	4	**FBS 4-8**		3030307	10
	5	**FBS 5-8**		3030310	10
	6	**FBS 6-8**		3032470	10
	10	**FBS 10-8**		3030323	10
Plug-in bridge					
	2	**FBS 2-10**	50 A	3005947	10
	5	**FBS 5-10**		3005948	10
Plug-in bridge					
	2	**FBS 2-12**	76 A	3005950	10
Plug-in bridge					
	2	**FBS 2-16**	101 A	3005963	10
Pre-assembled bridge, labeled					
3-pos., positions 1, 3	3	**FBS 1/3-8**	41 A	3032363	10
4-pos., positions 1, 4	4	**FBS 1/4-8**		3032376	10
5-pos., positions 1, 3, 5	5	**FBS 1/3/5-8**		3032389	10
10-pos., positions 1, 4, 7, 10	10	**FBS 1/4/7/10-8**		3032402	10
8-pos., positions 1, 2, 4, 6-8	4	**FBS 1/2/4/6-8**		3032378	10

Accessories

Covering hood, provides reliable shock protection when using cut-to-length FBS ...-5 and FBS ...-6 bridges	red	**FBSC**		3012325	50



Plug-in bridge, blue



Plug-in bridge, gray



Plug-in bridge, orange

EAC

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
FBS 2-3,5 BU	17.5 A	3213086	50
FBS 3-3,5 BU		3213099	50
FBS 4-3,5 BU		3213109	50
FBS 5-3,5 BU		3213112	50
FBS 10-3,5 BU		3213125	50
FBS 20-3,5 BU		3213138	50
FBS 50-3,5 BU		3000708	10
FBS 2-4 BU	17.5 A	3030117	50
FBS 3-4 BU		3030130	50
FBS 4-4 BU		3030133	50
FBS 5-4 BU		3030146	50
FBS 10-4 BU		3036851	10
FBS 20-4 BU		3030353	10
FBS 2-5 BU	24 A	3036877	50
FBS 3-5 BU		3036880	50
FBS 4-5 BU		3036893	50
FBS 5-5 BU		3036903	50
FBS 10-5 BU		3036916	10
FBS 20-5 BU		3036929	10
FBS 50-5 BU		3032114	10
FBS 2-6 BU	32 A	3036932	50
FBS 3-6 BU		3036945	50
FBS 4-6 BU		3036958	50
FBS 5-6 BU		3036961	50
FBS 10-6 BU		3032198	10
FBS 20-6 BU		3032208	10
FBS 50-6 BU		3032211	10
FBS 2-8 BU	41 A	3032567	10
FBS 3-8 BU		3032570	10
FBS 4-8 BU		3032583	10
FBS 5-8 BU		3032596	10
FBS 6-8 BU		3032677	10
FBS 10-8 BU		3032606	10

Accessories

FBSC	3012325	50

EAC

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
FBS 2-3,5 GY	17.5 A	3213153	50
FBS 3-3,5 GY		3213167	50
FBS 4-3,5 GY		3213180	50
FBS 5-3,5 GY		3213183	50
FBS 10-3,5 GY		3213196	50
FBS 20-3,5 GY		3213206	50
FBS 50-3,5 GY		3000707	10
FBS 2-4 GY	17.5 A	3030118	50
FBS 3-4 GY		3030131	50
FBS 4-4 GY		3030134	50
FBS 5-4 GY		3030147	50
FBS 10-4 GY		3030160	10
FBS 20-4 GY		3030354	10
FBS 2-5 GY	24 A	3038969	50
FBS 3-5 GY		3038972	50
FBS 4-5 GY		3038985	50
FBS 5-5 GY		3038998	50
FBS 10-5 GY		3039007	10
FBS 20-5 GY		3038671	10
FBS 50-5 GY		3032127	10
FBS 2-6 GY	32 A	3032237	50
FBS 3-6 GY		3032240	50
FBS 4-6 GY		3032279	50
FBS 5-6 GY		3032266	50
FBS 10-6 GY		3032253	10
FBS 2-8 GY	41 A	3032621	10
FBS 3-8 GY		3032622	10
FBS 4-8 GY		3032635	10
FBS 5-8 GY		3032648	10
FBS 6-8 GY		3032664	10
FBS 10-8 GY		3032651	10

Accessories

FBSC	3012325	50

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
FBS 2-8 CT	41 A	3033830	10
FBS 3-8 CT		3033831	10
FBS 4-8 CT		3033832	10
FBS 10-8 CT		3033833	10

Accessories

FBSC	3012325	50

FBS-PV... vertical potential bridges

– Potential bridge for subsequent connection of the upper and the lower levels of a double-level terminal block
– The FBS−PV PT 2,5−4L vertical bridge can be used with the PT 2,5−4L... terminal blocks
– The FBS−PV UT vertical bridge can be used with the UTTB 2,5, UTTB 4, PT 2,5-PE/3L, and PT 4-PE/3L





Description	No. of pos.	Ordering data				Ordering data			
		Type	I_{max}	Order No.	Pcs./Pkt.	Type	I_{max}	Order No.	Pcs./Pkt.
Vertical potential bridge, to connect the upper and lower level	1	**FBS-PV PT 2,5-4L**	10 A	3012318	50	**FBS-PV UT**	22 A	3047358	50

FBS-PV... vertical potential bridges

– The FBS-PV vertical bridge can be used with the STTBS 2,5, STTBS 4, PTTB 2,5, PTTB 4, PTTBS 2,5, QTTCB 1,5, and STTB 2,5/4P
– The FBS 1,5/S-PV vertical bridge can be used with the PTTB 1,5/S, PT 1,5/S-3L, and PT 1,5/S-PE/L/L





Description	No. of pos.	Ordering data				Ordering data			
		Type	I_{max}	Order No.	Pcs./Pkt.	Type	I_{max}	Order No.	Pcs./Pkt.
Vertical potential bridge, to connect the upper and lower level	1	**FBS-PV**	32 A	3032185	50	**FBS 1,5/S-PV**	16 A	3216263	10

FBSW ... plug-in wire bridge

new





- Wires of different lengths are used to connect individual terminal blocks with different terminal widths and the plug-in bridge shaft
- For a terminal width of 5.2 mm and 6.2 mm

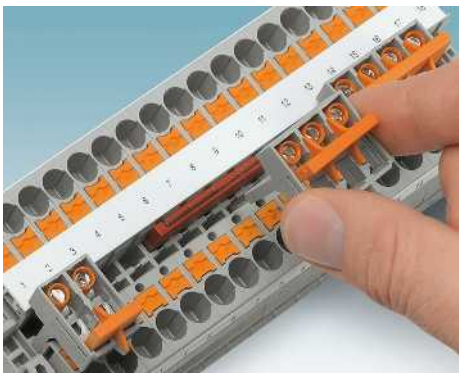
Description	No. of pos.	Type	I_{max}	Order No.	Pcs./Pkt.
		Ordering data			
Wire bridge, length 60 mm	1	**FBSW 2-5/60MM**	10 A	3030170	50
Length 110 mm	1	**FBSW 2-5/110MM**		3030171	50
Length 250 mm	1	**FBSW 2-5/250MM**		3030172	50

FBSR(H) ... plug-in bridges and SB−ME... bridge bars

Notes:

The bridge bars also snap into the function shaft and occupy both bridge shafts.

The FBSR ... bridges have a reduced current carrying capacity in comparison with the standard FBS ... bridges.





Plug-in bridge

FBSRH

– The FBSRH ...-8 bridges have a molded extraction tool which means that they can be used conveniently and without tools for individual bridging tasks. This enables a transformer short circuit to be created in measuring transducer disconnect terminal blocks, for example

SB-ME

– The plug-in SB-ME bridge bars make contact by being securely latched into the function shaft. They create a removable connection between neighboring terminal blocks. This enables a transformer short circuit to be created in measuring transducer disconnect terminal blocks, for example

Designation of bridges

– The last digit in the bridge designation indicates the width of the terminal block. An FBSR ...-5 bridge can be used with CLIPLINE complete terminal blocks with a width of 5.2 mm, and an FBSR ...-6 bridge can be used with terminal blocks with a width of 6.2 mm

EAC

Ordering data

Description	No. of pos.	Type	I_{max}	Order No.	Pcs./Pkt.
Plug-in bridge					
	2	**FBSR 2-5**	17.5 A	3033702	50
	3	**FBSR 3-5**		3001591	50
	4	**FBSR 4-5**		3001592	50
	5	**FBSR 5-5**		3001593	50
	10	**FBSR 10-5**		3033710	10
Plug-in bridge					
	2	**FBSR 2-6**	24 A	3033715	50
	3	**FBSR 3-6**		3001594	50
	4	**FBSR 4-6**		3001595	50
	5	**FBSR 5-6**		3001596	50
	10	**FBSR 10-6**		3033716	10
Plug-in bridge					
	2	**FBSR 2-8**	32 A	3033808	10
	3	**FBSR 3-8**		3001597	10
	4	**FBSR 4-8**		3000585	10
	5	**FBSR 5-8**		3033809	10
	10	**FBSR 10-8**		3001599	10
	16	**FBSR 16-8**		3033816	10
Plug-in bridge, with extraction tool					
	2				
Plug-in bridge, with extraction tool					
	2				
	3				
	4				
Bridge bar, plug-in					
	2				
	3				
	4				
Bridge bar, plug-in					
	2				
	3				
	4				
Bridge bar, plug-in					
	2				
	3				
	4				

Accessories

Covering hood, provides reliable shock protection when using cut-to-length FBS ...-5 and FBS ...-6 bridges	red	**FBSC**	3012325	50
Partition plate, with storage option for plug-in bridges	gray			



Plug-in bridge, with and without extraction tool



30 A, bridge bar, plug-in with additional latching



25 A bridge bar, plug-in

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
FBSRH 2-6	24 A	3033812	10
FBSRH 2-8	32 A	3033802	10
FBSRH 3-8		3033803	10
FBSRH 4-8		3033804	10

Accessories

CARRIER 35-8		3034387	10

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
SB-ME 2-8	30 A	3034468	10
SB-ME 3-8		3032800	10
SB-ME 4-8		3034484	10

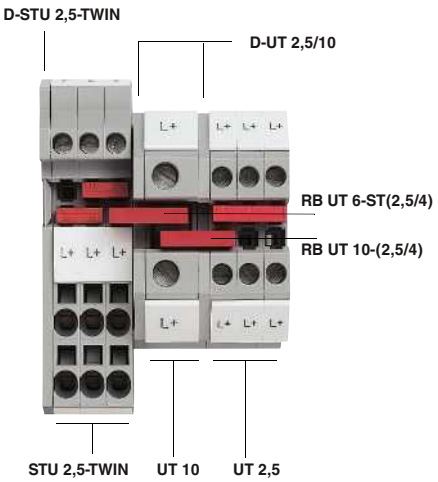
Accessories

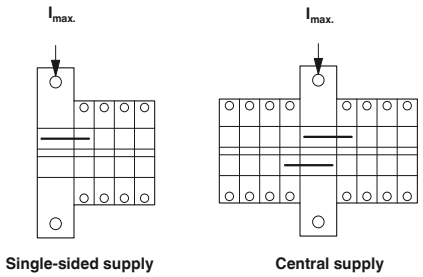
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
SB-ME 2-6	25 A	3035755	10
SB-ME 3-6		3035756	10
SB-ME 4-6		3035757	10
SB-MER 2-8	25 A	3000587	10
SB-MER 3-8		3000588	10
SB-MER 4-8		3000589	10

Accessories

Example of a 10 mm² central supply with reducing bridges RB UT 10-(2,5/4) to 2.5 mm²





Reducing bridges enable the simple connection of standard terminal blocks with different nominal cross sections and connection technologies from the CLIPLINE complete system. Power feeds with larger cross sections can be easily distributed among several smaller output terminal blocks. The connection technologies and the connected cross sections must be taken into consideration in order to select suitable reducing bridges. The appropriate reducing bridge and the maximum permissible bridge current for single-sided supply and central supply can be determined using the adjacent table.

Note

When using reducing bridges, covers should be used which correspond to the supply direction. The auto correction function in CLIP PROJECT provides optimum support during this process.

Reducing bridge with UT standard feed-through terminal blocks

Supply		Pick-off		Single-sided supply	Central supply	
Terminal block	Cross section [mm²]	Terminal block	Cross section [mm²]	$I_{max.}$ [A]	$I_{max.}$ [A]	Bridge
UT 4	4	UT 2,5	2.5	24	24	FBS 2-5 3030161
UT 6	6	UT 2,5	2.5	40	56	RB UT 6-(2,5/4) 3047251
		UT 4	4	45	56	
		PT 2,5	2.5	40	56	RB UT 6-ST(2,5/4) 3047264
		PT 4	4	45	56	
		ST 2,5	2.5	40	56	
		ST 4	4	45	56	
		QTC 1,5	1.5	35	56	
		QTC 2,5	2.5	40	56	
UT 10	10	UT 2,5	2.5	40	65	RB UT 10-(2,5/4) 3047060
		UT 4	4	45	65	
		PT 2,5	2.5	40	65	RB UT 10-ST(2,5/4) 3047086
		PT 4	4	45	65	
		ST 2,5	2.5	40	65	
		ST 4	4	45	65	
		QTC 1,5	1.5	35	65	
		QTC 2,5	2.5	40	65	
UT 16	16	UT 2,5	2.5	40	80	RB UT 16-(2,5/4) 3047073
		UT 4	4	45	90	
		UT 6	6	37	74	RB 16-6 3047072
		PT 2,5	2.5	40	80	RB UT 16-ST(2,5/4) 3047099
		PT 4	4	45	90	
		ST 2,5	2.5	40	80	
		ST 4	4	45	90	
		QTC 1,5	1.5	35	70	
		QTC 2,5	2.5	40	80	
UT 35	35	UT 2,5	2.5	40	80	RB UT 35-(2,5/4) 3047277
		UT 4	4	45	90	
		PT 2,5	2.5	40	80	RB UT 35-ST(2,5/4) 3047280
		PT 4	4	45	90	
		ST 2,5	2.5	40	80	
		ST 4	4	45	90	
		QTC 1,5	1.5	35	70	
		QTC 2,5	2.5	40	80	
UT 35	35	UT 10	10	57	114	RB UT 35-10 3032168
		UT 16	16	90	90	RB 35-16 3032169

Reducing bridge with RT standard feed-through terminal blocks

Supply		Pick-off		Single-sided supply	Central supply	
Terminal block	Cross section [mm²]	Terminal block	Cross section [mm²]	$I_{max.}$ [A]	$I_{max.}$ [A]	Bridge
RT 5	6	UT 2,5	2.5	40	56	RB UT 6-(2,5/4) 3047251
		UT 4	4	40	56	
		RT 3	2.5	40	56	
		PT 2,5	2.5	40	56	RB UT 6-ST(2,5/4) 3047264
		PT 4	4	40	56	
		ST 2,5	2.5	40	56	
		ST 4	4	40	56	
		QTC 1,5	1.5	35	56	
		QTC 2,5	2.5	40	56	
RT 8	35	RT 3	2.5	40	56	RB ST 10-(2,5/4) 3030873
		UT 2,5	2.5	40	65	
		UT 4	4	45	65	

Reducing bridge with PT and ST standard feed-through terminal blocks

Supply		Pick-off		Single-sided supply	Central supply	Bridge
Terminal block	Cross section [mm²]	Terminal block	Cross section [mm²]	$I_{max.}$ [A]	$I_{max.}$ [A]	
ST 2,5 PT 2,5	2.5	PT 1,5/S	1.5	24	30	RB ST (2,5/4)-1,5/S 3214356
		ST 1,5	1.5	31	31	RB ST (2,5/4)-1,5 3038943
		QTC 1,5	1.5	31	31	FBS 2-5 3030161
ST 4 PT 4	4	PT 1,5/S	1.5	24	40	RB ST (2,5/4)-1,5/S 3214356
		ST 1,5	1.5	35	40	RB ST (2,5/4)-1,5 3038943
		PT 2,5	2.5	40	40	FBS 2-5 3030161
		ST 2,5	2.5	40	40	
		QTC 1,5	1.5	35	40	
		QTC 2,5	2.5	40	40	FBS 2-6 3030336
ST 6 PT 6	6	PT 1,5/S	1.5	24	48	RB ST 6-1,5/S 3213250
		PT 2,5	2.5	40	56	RB ST 6-(2,5/4) 3030860
		PT 4	4	45	56	
		ST 2,5	2.5	40	56	
		ST 4	4	45	56	
		QTC 1,5	1.5	35	56	
		QTC 2,5	2.5	40	56	
ST 10 PT 10	10	PT 1,5/S	1.5	24	48	RB ST 10-1,5/S 3213252
		PT 2,5	2.5	40	65	RB ST 10-(2,5/4) 3030873
		PT 4	4	45	65	
		ST 2,5	2.5	40	65	
		ST 4	4	45	65	
		QTC 1,5	1.5	35	65	
		QTC 2,5	2.5	40	65	
ST 16 PT 16	16	PT 6	6	37	74	RB 16-6 3047072
		ST 6	6	37	74	
		PT 1,5/S	1.5	24	48	RB ST 16-1,5/S 3213254
		PT 2,5	2.5	40	80	RB ST 16-(2,5/4) 3030886
		PT 4	4	45	90	
		ST 2,5	2.5	40	80	
		ST 4	4	45	90	
		QTC 1,5	1.5	35	70	
		QTC 2,5	2.5	40	80	
ST 35	35	PT 2,5	2.5	40	80	RB ST 35-(2,5/4) 3030899
		PT 4	4	45	90	
		ST 2,5	2.5	40	80	
		ST 4	4	45	90	
		QTC 1,5	1.5	35	70	
		QTC 2,5	2.5	40	80	
ST 35	35	ST 16	16	90	90	RB 35-16 3032169
STS 4	4	STS 2,5	2.5	40	40	FBS 2-5 3030161
STS 6	6	STS 2,5	2.5	40	56	RB ST 6-(2,5/4) 3030860
		STS 4	4	45	56	

Reducing bridge with QT standard feed-through terminal blocks

Supply		Pick-off		Single-sided supply	Central supply	Bridge
Terminal block	Cross section [mm²]	Terminal block	Cross section [mm²]	$I_{max.}$ [A]	$I_{max.}$ [A]	
QTC 2,5	2.5	QTC 1,5	1.5	31	31	FBS 2-5 3030161

PS ... test plug





- Two-part test plug for individual connector color combination
- The test connectors are plugged in the function shaft of the terminal blocks from the CLIPLINE complete system or in the test connections provided for them.
- The modular test connector housings PS-...2,3MM can be used to put together individual test adapters

		Ordering data			Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Modular test plug housing, for MPS metal part, can be marked with ZB 5							
	red	**PS-5/2,3MM RD**	3038723	10			
	red	**PS-6/2,3MM RD**	3038736	10			
	red	**PS-8/2,3MM RD**	3048564	10			
Insulating sleeve, for MPS metal part							
	white				**MPS-IH WH**	0201663	10
	red				**MPS-IH RD**	0201676	10
	blue				**MPS-IH BU**	0201689	10
	yellow				**MPS-IH YE**	0201692	10
	green				**MPS-IH GN**	0201702	10
	gray				**MPS-IH GY**	0201728	10
	black				**MPS-IH BK**	0201731	10
Test plug metal part, 2.3 mm Ø							
	silver	**MPS-MT**	0201744	10	**MPS-MT**	0201744	10
4 mm Ø	silver	**MPS-MT/ 4MM**	3048577	10	**MPS-MT/ 4MM**	3048577	10

PS ... test plug

- The test connectors are plugged in the function shaft of the terminal blocks from the CLIPLINE complete system or in the test connections provided for them



		Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.
Individual test plug, delivery: 1-pos.	red	**PS-UK 2,5 B/E**	3001132	10
Modular test plug, delivery: set of 10 with connection pin Pitch 5.2 mm	red	**PS-UK 2,5 B/Z-5**	3001226	1
Modular test plug, delivery: set of 10 with connection pin Pitch 6.2 mm	red	**PS-UK 2,5 B/Z-6**	3001239	1

PS ... test plug

– The test connectors are plugged in the function shaft of the terminal blocks from the CLIPLINE complete system or in the test connections provided for them





Description	Color	Ordering data			Ordering data		
		Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Individual double-level test plug, contacts in the upper and lower level simultaneously, delivery: 1-pos., for UTTB ...	red	PS-UKK/E	3000641	10			
Modular double-level test plug, contacts in the upper and lower level simultaneously, delivery: 10-pos. blocks with 2 connection pins, for UTTB 2,5	red				PS-UKK 3	3000638	1
Modular double-level test plug, contacts in the upper and lower level simultaneously, delivery: 10-pos. blocks with 2 connection pins, for UTTB 4	red				PS-UKK 5	3000625	1

PS- modular test plugs and spacer DP PS-... spacer plates

– The test plugs make contact in the function shaft of terminal blocks from the CLIPLINE complete system
– Test adapters can be assembled individually with the PS−... modular test plugs and DP PS-... spacers



Modular test plug



Spacer plates

Description	Color	Ordering data			Ordering data		
		Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Individual test plug, 3.5 mm width, can be marked with ZBF 3,5 and UCT-TMF 3,5	red	PS-3,5/E	3031012	10			
4.2 mm width, can be marked with ZBF 4, UC-TMF 4, and UCT-TMF 4	red	PS-4/E	3036709	10			
Modular test plug, for the individual assembly of test pin strips							
3.5 mm, can be marked with ZBF 3,5 and UCT-TMF 3,5	red	PS-3,5	3031010	10	DP PS-3,5	3031011	10
4.2 mm, can be labeled with ZBF 4, UC-TMF 4 and UCT-TMF 4	red	PS-4	3030970	10	DP PS-4	3036712	10
5.2 mm, can be labeled with ZBF 5, UC-TMF 5 and UCT-TMF 5	red	PS-5	3030983	10	DP PS-5	3036725	10
6.2 mm, can be labeled with ZBF 6, UC-TMF 6 and UCT-TMF 6	red	PS-6	3030996	10	DP PS-6	3036738	10
8.2 mm, can be labeled with ZBF 8, UC-TMF 8 and UCT-TMF 8	red	PS-8	3031005	10	DP PS-8	3036741	10

Accessories

PAI ... test adapter

– Reliable contacting of test plugs with a 4 mm diameter in the function shaft
– The small outside diameter of the test socket means that touch-proof safety plugs can also be used

Notes:

[1]) Touch-proof against unintentional direct contact according to DIN EN 50274 when plugged in.



4 mm test adapter, for terminal blocks with 4.2 mm pitch



4 mm test adapter, for terminal blocks with 5.2 mm, 6.2 mm and 8.2 mm pitch

Description	Color	Ordering data			Ordering data		
		Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Test adapter, 4 mm test socket hole[1])	gray	**PAI-4**	3030925	10	**PAI-4-N GY**	3032871	10

PAI-4-FIX... snap-on test adapter

– Test adapter for accommodating safety test plugs with a 4 mm diameter
– Makes contact and latches securely at any point in the function shaft

Notes:

Touch-proof against unintentional direct contact according to DIN EN 50274 when plugged in.



4 mm test adapter, for terminal blocks with 5.2 mm and 6.2 mm pitch



4 mm test adapter, for terminal blocks with 8.2 mm pitch

Description	Color	Ordering data			Ordering data		
		Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Test adapter, for 4 mm Ø safety test plugs, latches into the bridge shaft							
	orange	**PAI-4-FIX-5/6 OG**	3035974	10	**PAI-4-FIX OG**	3034455	10
	yellow	**PAI-4-FIX-5/6 YE**	3035977	10	**PAI-4-FIX YE**	3032745	10
	green	**PAI-4-FIX-5/6 GN**	3035978	10	**PAI-4-FIX GN**	3032758	10
	violet	**PAI-4-FIX-5/6 VT**	3035979	10	**PAI-4-FIX VT**	3032761	10
	black	**PAI-4-FIX-5/6 BK**	3035980	10	**PAI-4-FIX BK**	3032774	10
	blue	**PAI-4-FIX-5/6 BU**	3035975	10	**PAI-4-FIX BU**	3032729	10
	red	**PAI-4-FIX-5/6 RD**	3035976	10	**PAI-4-FIX RD**	3032732	10
	gray	**PAI-4-FIX-5/6 GY**	3035982	10	**PAI-4-FIX GY**	3032790	10
	brown	**PAI-4-FIX-5/6 BN**	3035981	10	**PAI-4-FIX BN**	3032787	10
	white	**PAI-4-FIX-5/6 WH**	3035983	10	**PAI-4-FIX WH**	3032797	10

PAIS ... test plug

- Angled test plug for accommodating safety test plugs with a 4 mm diameter
- Makes contact and latches securely at any point in the function shaft

Notes:

[1]) Touch-proof against unintentional direct contact according to DIN EN 50274 when plugged in.

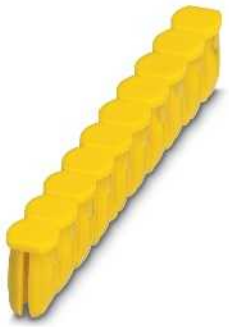


Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Test plug[1])				
	gray	**PAIS-4-FIX GY**	3032791	10
	black	**PAIS-4-FIX BK**	3032792	10
	red	**PAIS-4-FIX RD**	3032793	10

CEC ... cover for conductor shaft

- Filler plug for the cover for the conductor shaft
- Can be used with PT 2,5 Push-in connection terminal blocks and ST 2,5 spring-cage connection terminal blocks



Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Cover, for conductor shaft, 10-pos.				
	yellow	**CEC 2,5**	3062757	50

P-FU ... fuse connectors

– Large marking option
– Versions with bipolar defect indicator
– Test contacts on both sides of the fuse

Notes:

1) If the fuse is faulty, the downstream circuit is not off load.

2) For max. power dissipation, see page 658.



6.4 mm fuse plug, for 5 x 20 mm cartridge fuses

Technical data

Dimensions		Width	Length	Height
	[mm]	**6.4**	**23.5**	**45.5**
Rated data				
Maximum load current	[A]	6.3[2]		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Fuse connector, width 5.2 mm[1]	black	**P-FU 5X20-5**	3209235	10
LED for 12 - 30 V DC, 0.35 - 0.95 mA	black	**P-FU 5X20 LED 24-5**	3209248	10
for 30–60 V AC/DC, 0.36–0.95 mA	black	**P-FU 5X20 LED 60-5**	3209251	10
for 110–250 V AC/DC, 0.4–0.95 mA	black	**P-FU 5X20 LED 250-5**	3209264	10
Fuse connector, width 6.2 mm[2]	black			
With LED for 12-30 V DC, 0.31-0.95 mA	black			
for 30–60 V AC/DC, 0.40–0.86 mA	black			
for 110–250 V AC/DC, 0.41–0.96 mA	black			

Accessories

Center groove marking	UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 3)



6.2 mm fuse connector, for 5 x 20 mm cartridge fuses

Technical data

Width	Length	Height
6.2	**28**	**25**
6.3[2]		

Ordering data

Type	Order No.	Pcs./Pkt.
P-FU 5X20	3036806	10
P-FU 5X20 LED 24	3036819	10
P-FU 5X20 LED 60	3036822	10
P-FU 5X20 LA 250	3036835	10

Accessories

UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)

P-FU ... fuse connectors



– Large marking option
– Versions with bipolar defect indicator
– Test contacts on both sides of the fuse

Notes:

1) For max. power dissipation, see page 658.



8.2 mm fuse connector, for 6.3 x 32 mm cartridge fuses

Technical data

Dimensions		Width	Length	Height
	[mm]	**8.2**	**40**	**27**
Rated data				
Maximum load current	[A]	10[1]		
General data				
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Fuse connector, width 8.2 mm	black	**P-FU 6,3X32**	3046498	10
With LED for 12-30 V DC, 0.31-0.95 mA	black	**P-FU 6,3X32 LED 24**	3046508	10
for 30–60 V AC/DC, 0.40–0.86 mA	black	**P-FU 6,3X32 LED 60**	3046511	10
for 110–250 V AC/DC, 0.41–0.96 mA	black	**P-FU 6,3X32 LA 250**	3046524	10

Accessories

Center groove marking	UC-TMF 6, UCT-TMF 6 or ZBF 6 (see Catalog 3)

S-MT switching lock



– The optional switching lock snaps in and effectively prevents accidental switching
– Can be used in all ...-MT knife disconnect terminal blocks from the CLIPLINE complete system



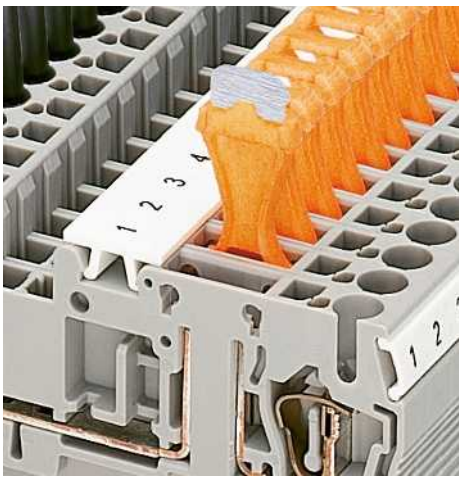
Switching lock

Technical data			
Dimensions			
	[mm]	Width	Length	Height
		3.5	**10.5**	**23.1**
General data			
Insulating material		PA	
Flammability rating according to UL 94		V2	

Ordering data				
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
Switching lock, plug-in	white	**S-MT**	**3247954**	50

P-DI isolating plug

Notes:
[1]) Observe max. load current.



– The P-DI isolating plug can be removed to release the connection easily and then "parked" back to front in the disconnect zone
– Can be used in all ...-TG disconnect terminal blocks from the CLIPLINE complete system



Function plug for universal disconnect zone

Technical data			
Dimensions			
	[mm]	Width	Length	Height
		3.5	**10.8**	**23.1**
Rated data			
Maximum load current	[A]	20	
General data			
Insulating material		PA	
Flammability rating according to UL 94		V2	

Ordering data				
Description	Color	**Type**	**Order No.**	Pcs./Pkt.
Isolating plug[1])	orange	**P-DI**	**3036783**	50

P-FIX feed-through connector

Notes:
1) Observe max. load current.



- The P-FIX contact metal seals the disconnect point with the same shape and cannot be removed again once fitted
- Can be used in all ...-TG disconnect terminal blocks from the CLIPLINE complete system



Feed-through connector

Technical data

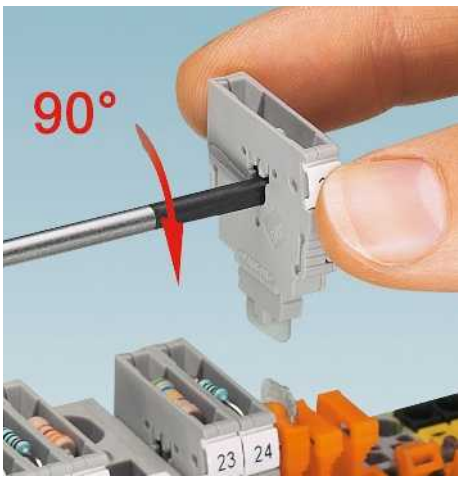
Dimensions		Width	Length	Height
	[mm]	**4**	**10.5**	**-**
Rated data				
Maximum load current	[A]	20		
General data				
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Feed-through connector1)	gray	**P-FIX**	3038956	50

P-CO ... component connectors

Notes:
1) Observe max. load current, depending on the power dissipation of the components. Max. 0.5 W with single arrangement.
2) Dependent on the power dissipation of the components. Max. 1 W with single arrangement.
3) Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 1.0 A



- The P−CO patented component connector can quickly and reliably accommodate components using spring-loaded contacts
- A coder recess ensures protection against incorrect polarity
- For assembly, the spring-cage connections are opened or closed inside the connector with just one turn of the standard screwdriver
- Can be used in all ...-TG disconnect terminal blocks from the CLIPLINE complete system



Component connector

Technical data

Dimensions		Width	Length	Height
	[mm]	**5.2**	**24.2**	**33.3**
Rated data				
Maximum load current	[A]	6[2])		
General data				
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Component connector, labeled with ZBF 5 or UC−TMF 5[1])	gray	**P-CO**	3036796	10
Component connector, with integrated 1N 4007 diode, conducting direction from right to left, direction viewed: Open terminal side[3])	gray	**P-CO 1N4007/R-L**	3032457	10
Conducting from left to right, direction viewed: Open terminal side	gray	**P-CO 1N4007/L-R**	3032460	10

P-CO XL component connector

new



- Fast component installation without soldering, thanks to spring-cage connection
- Can be flexibly plugged into all CLIPLINE complete disconnect terminal blocks, thanks to universal disconnect zone
- Safe use of discrete components with high power dissipation, thanks to optimum heat dissipation
- Plug-in integration of discrete components with a diameter of up to 10 mm
- Coding ensures connection without the risk of polarity reversal

Notes:

[1]) Dependent on the power dissipation of the components. Max. 1 W with single arrangement.



Component connector

Technical data

Dimensions		Width	Length	Height
	[mm]	**12.3**	**41.2**	**37.5**
Rated data				
Maximum load current	[A]	10[1])		
General data				
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Component connector, for PT, ST, QTC disconnect terminal blocks, engaged in the central marking groove	gray	**P-CO XL**	3036797	10
Component connector, can be fitted with SKN 2,5 diode, for PT, ST, QTC disconnect terminal blocks, engaged in the central marking groove	gray	**P-CO XL SKN**	3036798	10
Component connector, for UT disconnect terminal blocks	gray	**P-CO XL-UT**	3036799	10

Accessories

Lateral groove marking	UC-TMF 8 or ZBF 8 (see Catalog 3)

STP ... marker carriers, for multi-level terminal blocks





Marker carriers

STP ...

– The marker carriers enlarge the marking areas of wired multi-level terminal blocks
– Depending on version, the marker carriers are placed in the receivers on the upper terminal block level

STP ...-ZB

– The marker carriers can, for example, snap into the center marking groove of ST spring-cage terminal blocks and double the marking area; see figure below

CARRIER-TM 300

– Can be snapped into all terminal blocks in the CLIPLINE complete system that have a lateral flat marker groove
– For accommodating ZB ..., UC-TM ... or UCT-TM ... terminal markers which increases the marking area

CARRIER-TMD 300

– Double-row snap-in marker adapter for accommodating two ZB ... or UC−TM ... and UCT-TM ... terminal markers which doubles the marking area



Technical data

General data		
Material		PA
Flammability rating according to UL 94		V2
Temperature range	[°C]	-40 ... 100
Components		free from silicone and halogen

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Double marker carrier, can be snapped into PTTB 1,5/S Push-in double-level terminal blocks, can be marked with: ZB(F) 3,5 or UCT-TM(F) 3,5	gray	**STP 3,5-2**	**0830131**	100
Triple marker carrier, can be snapped into the Push-in three-level terminal block PT 1,5/S-3..., can be marked with: ZB(F) 3,5 or UCT-TM(F) 3,5	gray	**STP 3,5-3**	**0830132**	100
Double marker carrier, can be snapped into the STTB 1,5, PTTB 1,5 double-level spring-cage terminal blocks, can be marked with: UC-TM(F) 4, ZB(F) 4 or UCT-TM(F) 4	gray	**STP 4-2**	**0810575**	100
Double marker carrier, can be snapped into STTB 2,5, STTB 4, PTTB 2,5, PTTB 4 double-level terminal blocks, can be marked with: UC-TM(F) 5, ZB(F) 5 or UCT-TM(F) 5	gray	**STP 5-2**	**0800967**	100
Triple marker carrier, can be snapped into the ST 2,5–3..., PT 2,5–3... three-level terminal block, can be marked with: UC-TM(F) 5, ZB(F) 5 or UCT-TM 5	gray	**STP 5-3**	**0810562**	100
Double marker carrier, can be snapped into QTTCB ... and QTTCBS ... double-level fast-connection terminal blocks, can be marked with UC-TM(F) 5, ZB(F) 5 or UCT-TM(F) 5	gray	**STP 5-2/S**	**0800970**	100
Double marker carrier, can be snapped into all terminal blocks with a width of 4.2 mm and a central zack marker strip groove, can be marked with: UC-TM(F) 4, ZB(F) 4 or UCT-TM(F) 4	gray	**STP 4-2-ZB**	**3038613**	100
Double marker carrier, can be snapped into all terminal blocks with a width of 5.2 mm or above and a central zack marker strip groove, can be marked with: UC-TM(F) 5, ZB(F) 5 or UCT-TM(F) 5	gray	**STP 5-2-ZB**	**3037643**	100
Marker adapter, 300 mm long, can be snapped into the lateral groove on terminal blocks, designed to accommodate UC-TM..., ZB... or UCT-TM...	gray	**CARRIER-TM 300**	**0828282**	25
Marker adapter, double row, 300 mm long, can be snapped into the center groove on terminal blocks, designed to accommodate two UC-TM..., ZB... or UCT-TM...	gray	**CARRIER-TMD 300**	**0828693**	25
Marker adapters, such as the CARRIER-TM 300; marking area at an angle to the top of the terminal block, designed to accommodate UC-TM..., ZB... or UCT-TM...	gray	**CARRIER-TMH 300**	**0830670**	25

GBS ... terminal block group marking

- Space-saving group marking directly on the terminal block
- Fits all terminal blocks with a high central marker groove
- Large-surface marking with labels or manually using B−STIFT or X−PEN



3.5 mm and 5.2 mm pitch



29 mm pitch

	Technical data	Technical data
General data		
Material	PA	PA / PC
Flammability rating according to UL 94	V2	V2
Temperature range [°C]	-40 ... 120	-40 ... 100
Components	free from silicone and halogen	free from silicone and halogen

	Ordering data			Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Group marking label, can be snapped into terminal center, can be marked with an EML (24X4)R or EML (25,4X12,7)R... label or manually with B–STIFT or X–PEN, in the foot part with ZB 5, UC-TM 5 or UCT-TM 5							
	gray	**GBS 5-25X5**	0829126	100			
	gray	**GBS 5-25X12**	0810588	100			
Group marking label, can be snapped into terminal center, can be labeled with ESL 26 x 6 or EMT (25 x 6) R insert strips, in foot part with zack marker strip ZB, length: 29 mm							
	gray				**GBS-ZB/26X6**	0809298	50

WS... warning labels



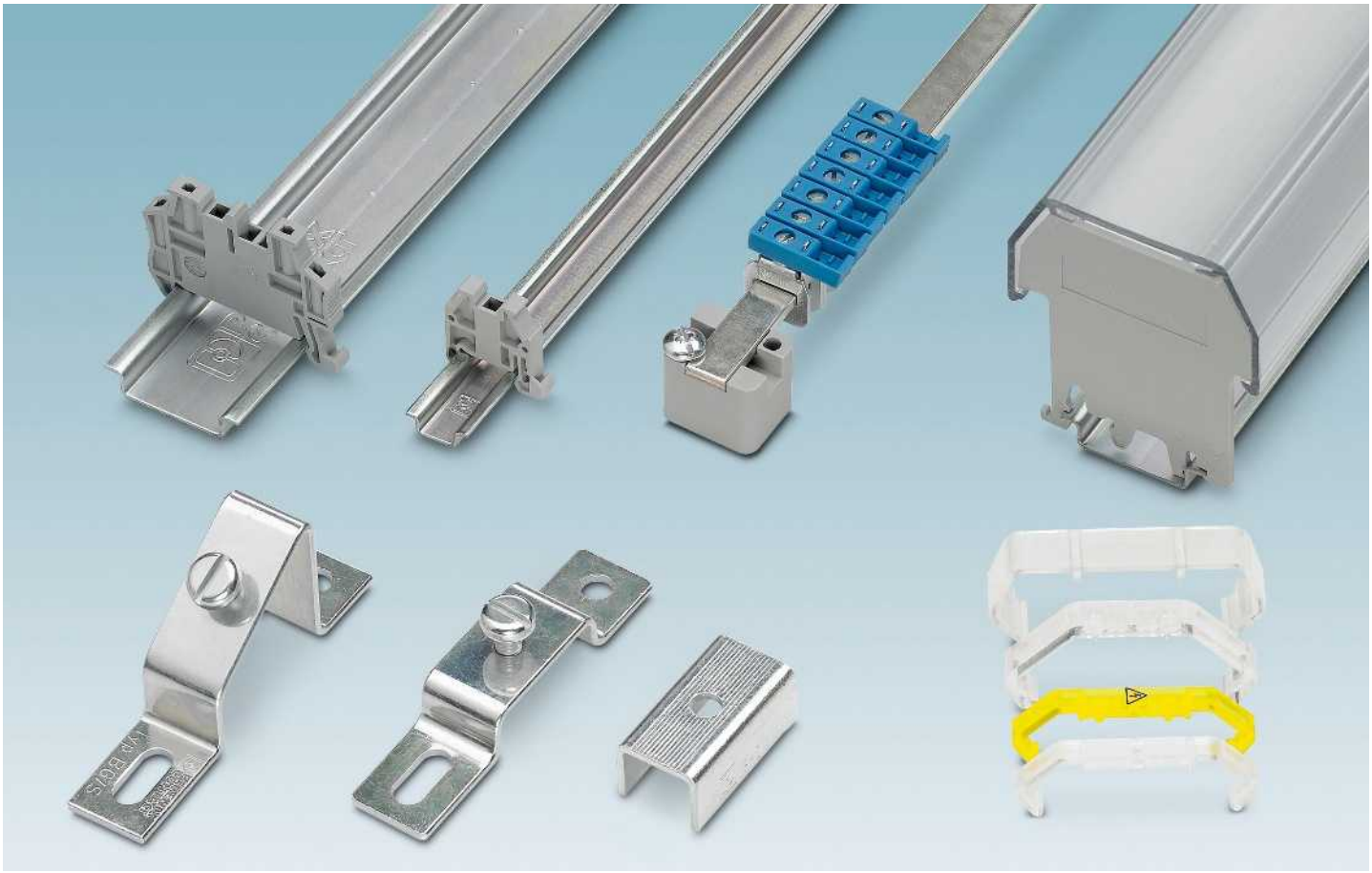
- Warning labels and warning covers serve to cover and identify mains terminal blocks
- This prevents accidental actuation of the terminal points
- The warning labels snap into the screw shafts of the relevant terminal
- Can be isolated lengthwise and crosswise



Warning labels for terminals from the UT ... and ST ... series

	Technical data
General data	
Material	PA
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)

	Ordering data			
Description	Color	Type	Order No.	Pcs./Pkt.
Warning label, for UT series				
5.2 mm wide	yellow	**WS UT 2,5**	3047923	10
6.2 mm wide	yellow	**WS UT 4**	3047332	10
8.2 mm wide	yellow	**WS UT 6**	3047345	10
10.2 mm wide	yellow	**WS UT 10**	3047361	10
12 mm wide	yellow	**WS UT 16**	3047374	10
16 mm wide	yellow	**WS UT 35**	3047387	10
Warning cover, for ST series				
4.2 mm wide	yellow	**WST 1,5**	3030958	50
5.2 mm wide	yellow	**WST 2,5**	3030941	50
6.2 mm wide	yellow	**WST 4**	3030954	50
8.2 mm wide	yellow	**WST 6**	3030967	10
10.2 mm wide	yellow	**WST 10/35**	3030006	25



You can save time when securing electrical connections and components in switchgear by using suitable mounting devices. Make the best use of space in the control cabinet by cleverly combining mounting accessories. The DIN rails form the basis of the control cabinet inner workings. They guarantee that rail-mounted components are held safely in place.

Phoenix Contact offers a wide range of standardized rails made from various materials. The rails can be ordered cut to length and with pre-drilled holes. The product range is completed with round cable clamps and profile rails.

End brackets are used for secure lateral holding of the components, especially in the event of jolts and vibrations in the systems. Depending on the application, they must either be fastened using screws or can simply be snapped onto the DIN rails as in the case of the CLIPFIX series. Marker carriers can be snapped onto the end brackets. This provides a good overview and creates a visual distinction between individual terminal strip blocks.

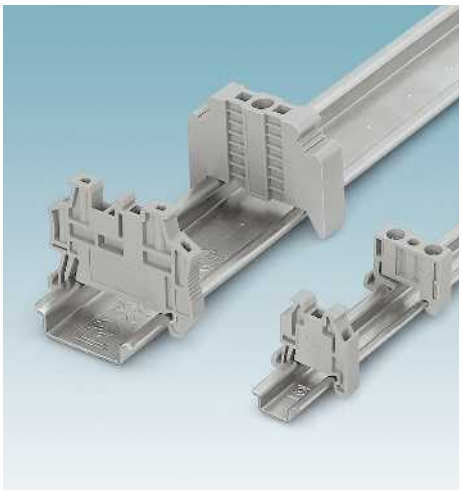
There is a wide range of cover profiles to ensure the necessary level of safety.
The wide choice of cable ducts provides users with flexible and straightforward cable installation solutions that simply involve breaking out the lateral segments without any need for tools.
The mounting material range is rounded off with installation materials that include pick-off terminal blocks, Europe connectors, and junction box connectors.

Detailed information can be found in Catalog 3 or at phoenixcontact.net/products

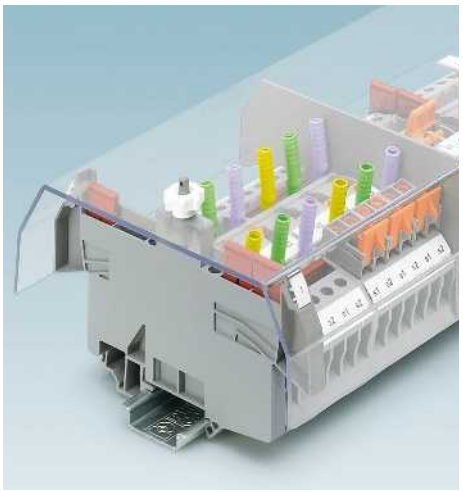
Your web code: #0094



For control cabinet manufacturing applications, the key features of the NS 15 and NS 35 DIN rails are their high degree of dimensional accuracy and double surface tempering. They are galvanized and feature thick layer passivation, which makes them RoHS compliant.



Used in conjunction with the NS 15 and NS 35 DIN rails, the end brackets ensure that the components remain securely attached to the rails. A comprehensive range of end brackets is available for specific applications.



The cover profiles are used to cover live parts. They also prevent unintended actuation of terminal points or disconnect terminal blocks.



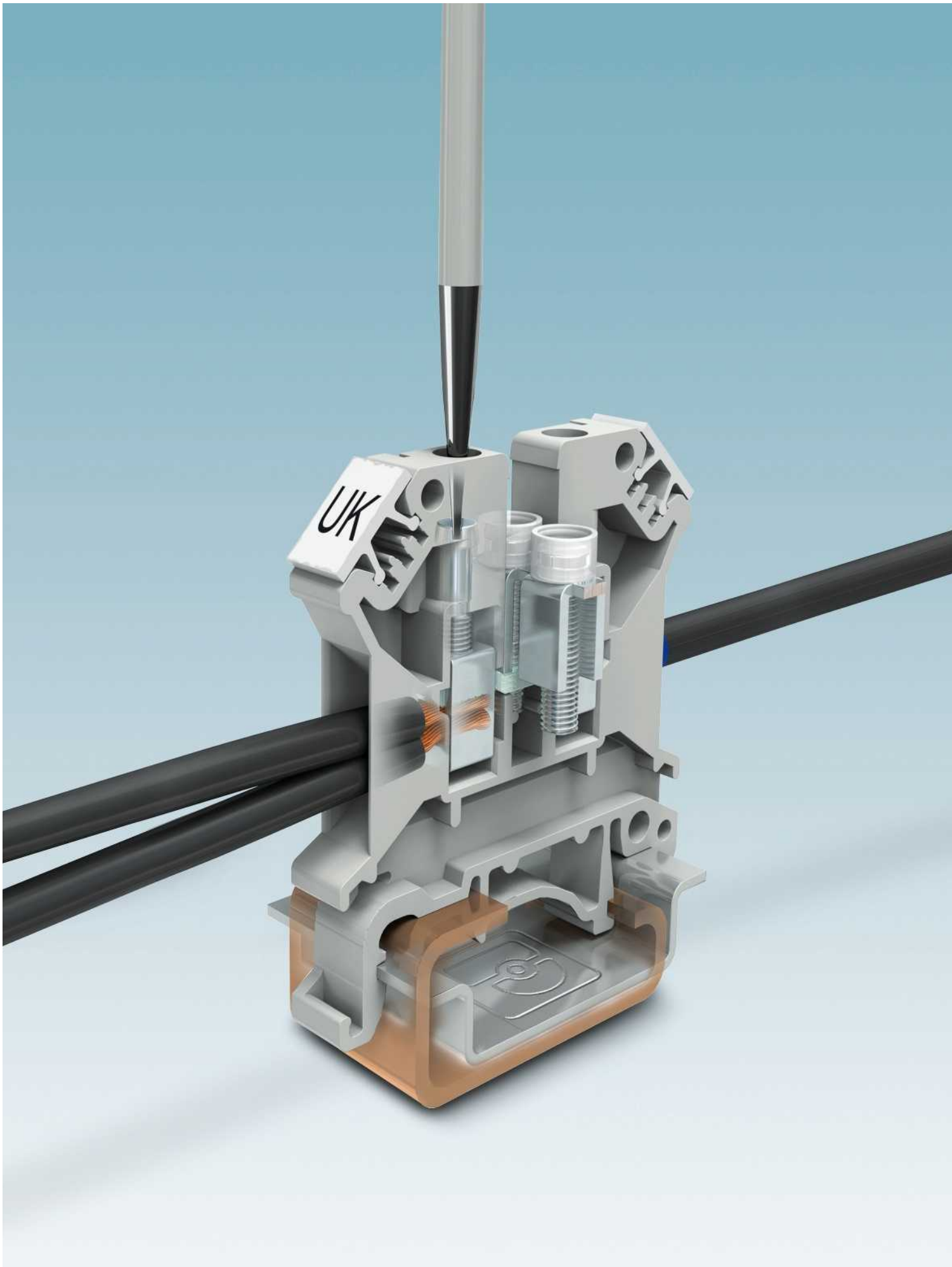
Phoenix Contact offers various connecting terminal blocks, branch terminal blocks and power terminal blocks for busbars in switchgear and control gear.



The wide range of Europe connectors includes terminal blocks with and without wire protection. The individual positions can be separated easily by twisting without the need for tools. The Push-in connection technology of the socket terminal block series makes it easy to insert solid conductors or conductors with ferrules into the terminal point. Low insertion forces and high pull-out forces ensure a secure connection.



The rail-mountable socket in a standard format is as much a must in modern switchgear as in simple distributors. The socket is mounted in an exposed position to allow assembly tools, service devices, and other electrical equipment to be installed conveniently.


UK

UK universal terminal blocks, SK shield connection clamps

Universal terminal blocks

Screw connections continue to dominate industrial connection technology. No other connection technology can achieve such high contact forces in a confined space. Our UK universal terminal block series, which has been accepted throughout the world, is named after the universal snap-on foot for DIN and G-profile rails, as well as the multi-conductor connection. Another feature of this terminal block series is the flexible screw-type bridge system with a high current carrying capacity.

In addition to standard terminal blocks, the comprehensive terminal block range in this series also includes a wide range of special terminal blocks. These include, for example, terminal blocks with slip-on connections, terminal blocks for use in high temperatures, and terminal block series for energy supply and building installation.

In addition to numerous approvals, all terminal blocks in the base series are certified according to the ATEX standard and can be used in Ex e potentially explosive areas.

Your web code: #1397

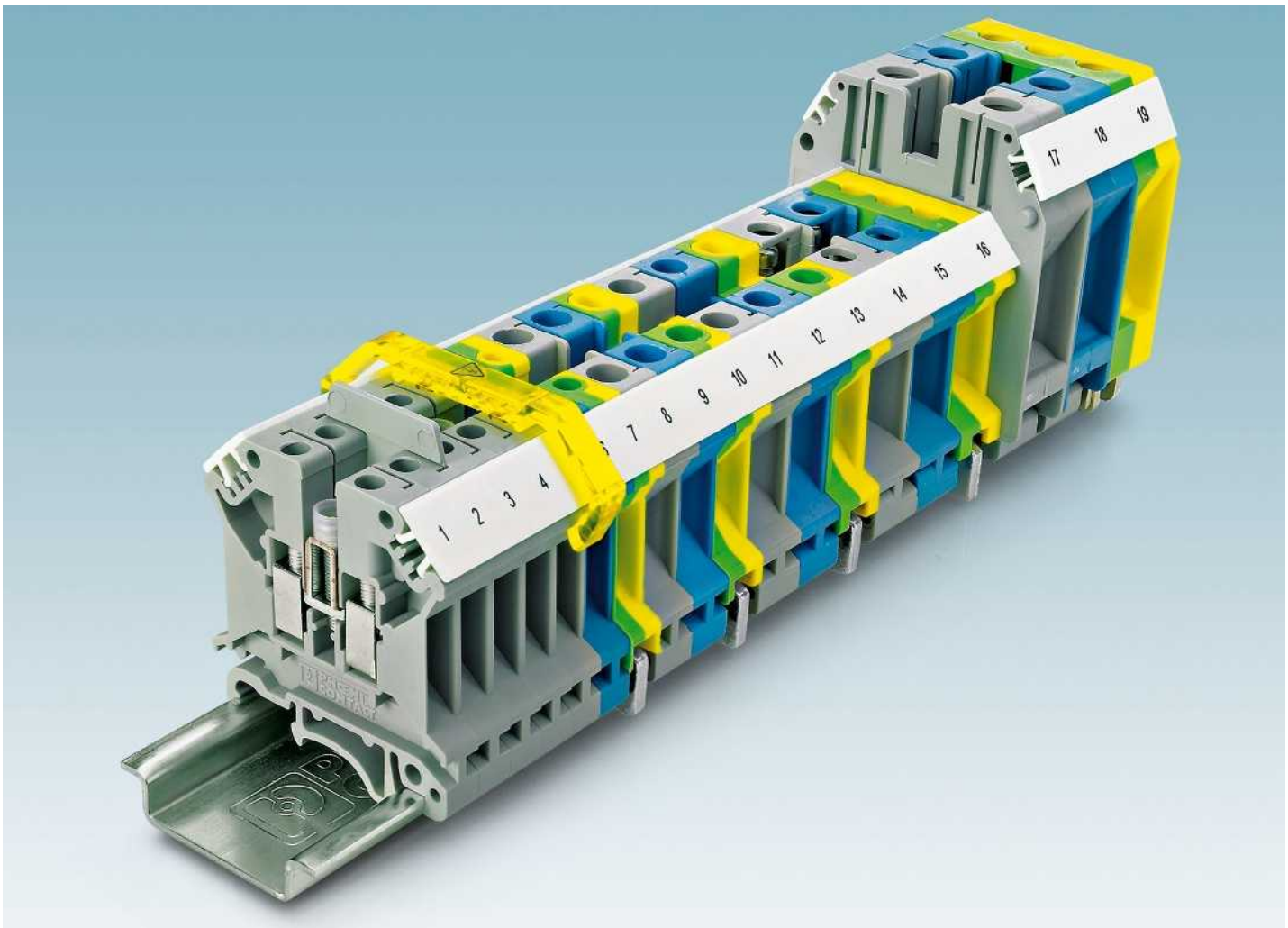
Shield connection clamps

Shield connection clamps ensure error-free operation of your system. They provide optimum wiring convenience, are suitable for all standard cable shielding, and support EMC-compliant wiring thanks to their large surfaces and low-impedance and low-resistance contact transitions.

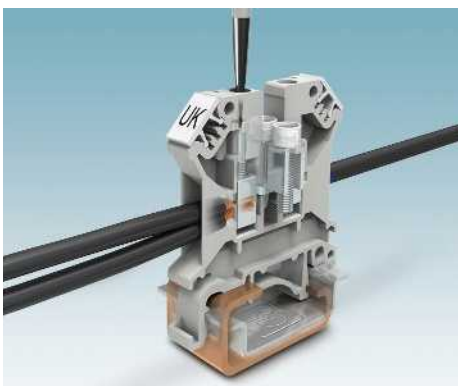
Your web code: #0845

Product range overview

UK universal terminal blocks	**418**
Feed-through terminal blocks and ground terminals	**420**
Feed-through terminal blocks and ground terminals with 3 and 4 connections	**428**
Double-level and ground double-level terminal blocks	**434**
Cross-reference list: bridges	**438**
Three-level and three-conductor initiator terminal blocks	**442**
Four-conductor initiator and actuator terminal blocks	**448**
Three and four-level terminal blocks	**450**
Fuse terminal blocks	**452**
Lever-type fuse terminal blocks for photovoltaics	**462**
Disconnect terminal blocks	**473**
Knife disconnect terminal blocks	**476**
Slide-type terminal blocks, measuring transducer disconnect terminal blocks	**481**
Double-level diode terminal blocks, component terminal blocks, LED terminal blocks	**492**
Ground disconnect terminal block	**497**
UK universal terminal blocks with special connection	**498**
UIK installation terminal blocks	**505**
SSK high-temperature terminal blocks	**511**
USST spring-assisted screw terminal blocks	**515**
MT and MBK mini screw terminal blocks	**523**
OTTA, RBO, and RSC bolt connection terminal blocks	**533**
G and UDB device terminal blocks	**559**
Accessories	**564**
SK shield connection clamps	**572**



Your web code: #1397



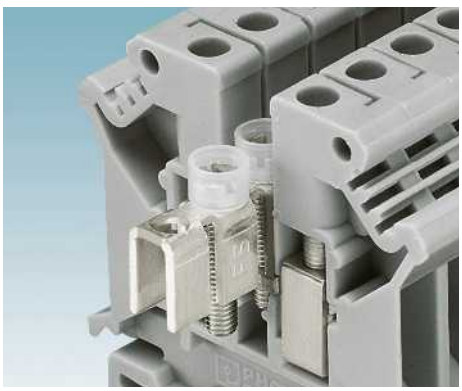
Universal and zero-maintenance

The UK screw connection is characterized by three main features.
– Global standard
– Multiple conductor connection
– Zero maintenance thanks to Reakdyn principle.



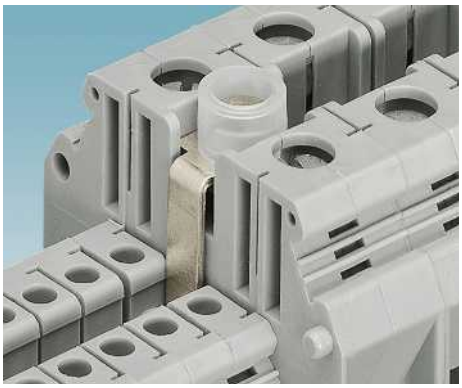
Universal housing foot

The universal foot allows the terminal blocks to be easily snapped onto two popular DIN rail profiles, the NS 35 DIN rail or the NS 32 DIN rail with G shape.

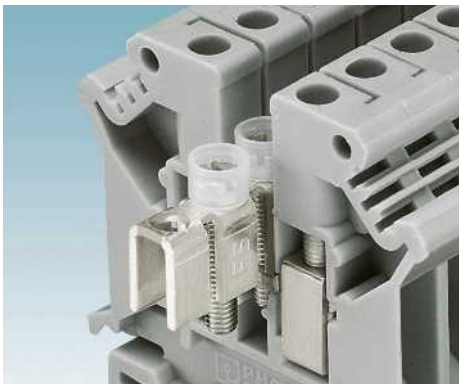


Screw-type bridge system

The range of application for terminal blocks is greatly determined by the bridge accessories. A wide choice of bridges is available for the UK series, enabling all switching tasks to be performed with ease.



If used with the corresponding fixed bridges, the STL ... step brackets allow terminal blocks with different nominal cross sections to be connected. This allows infeed blocks to be created with ease.



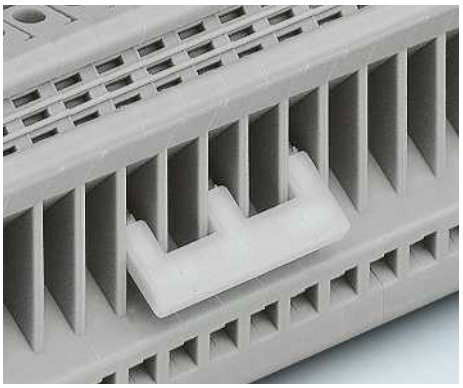
Any number of positions can be easily disconnected from a 10-pos. strip of the fixed bridge with FBI ... isolation cap, placed in the bridge shaft and screwed down.



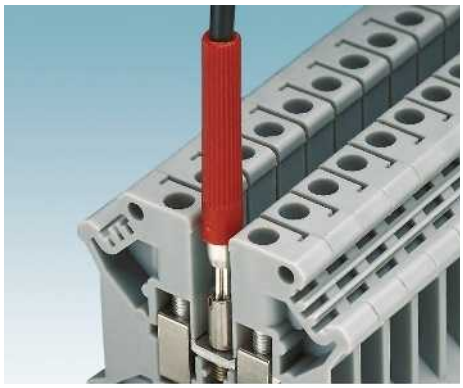
The L bridges LB ... can be used to guide two different potentials over up to 100 terminal blocks in the bridge shaft. Isolated and color-coded contact screws clearly indicate the relevant potential.



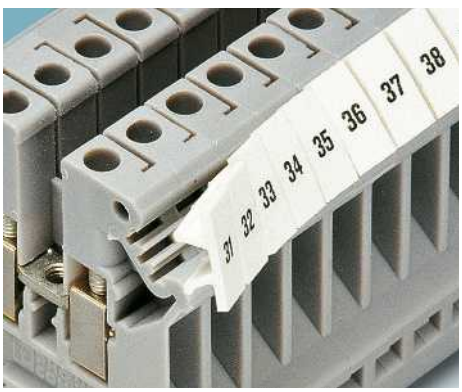
The ISSBI ... isolator bridge bars enable switchable cross connections if used with the IS ... isolator bridge. Here the screw has the function of a live switching element.



The isolated EB ... insertion bridges are simply clamped down at the connection points with or without conductors. The bridges can be assembled as required for the number of positions. Individual forks are removed for jumping bridging.



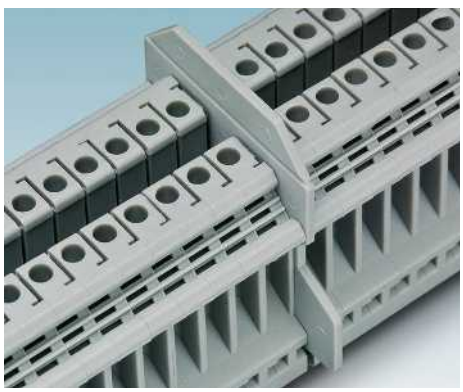
PSB ... test sockets which can be screwed into the bridge shaft enable reliable test points for 2.3 mm and 4 mm test plugs. The 2.3 mm MPS ... test plug makes direct contact in the bridge shaft when using terminal blocks with an overall width of 5.2 mm and 6.2 mm.



Large and clear marking of the terminal points is essential for reliable and quick installation. Each terminal point in the UK series can be labeled separately.



The TS ... separating disk is used to electrically and visually separate two neighboring bridges. A separating disk should be placed on both sides of the bridge in order for the terminal blocks to retain their complete nominal voltage.



The partition plates protrude beyond the terminal block contours. They provide visual as well as electrical group separation.

UK ... feed-through terminal blocks

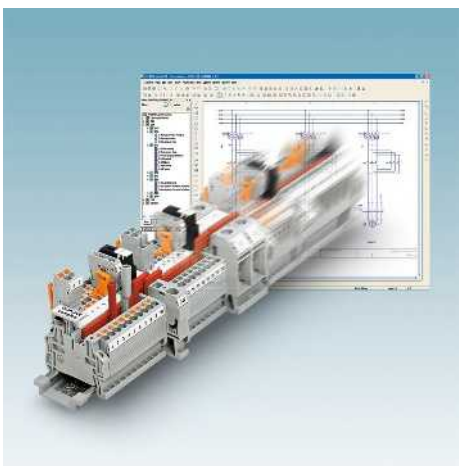


- The UK series of universal screw terminal blocks possesses typical features which are crucial to practical use
- Universal foot which can be used on NS 35 ... and NS 32 ... DIN rails
- Potential distribution alternatively via fixed bridges in the terminal center or insertion bridges in the clamping space
- High bridge currents

High-current terminal blocks up to 240 mm²

The UKH high-current terminal blocks up to 240 mm² can be found in the section on UT screw connection terminal blocks

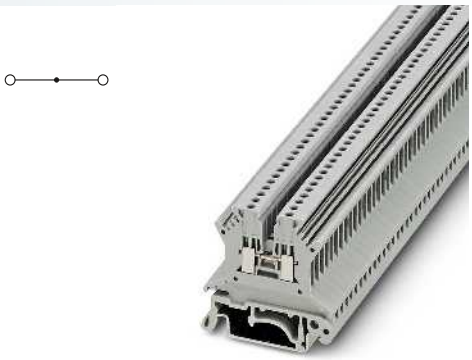
CLIP PROJECT planning enables the quick and convenient planning and configuration of error-free terminal strips.



Notes:

For more insertion bridges, visit phoenixcontact.net/products

[1]) For information on installation and using accessories for Ex applications, see page 644.



1.5 (1.5) mm², 17.5 A, feed-through terminal block

cULus EAC DNV GL KR
Ex: Ex EAC Ex
KEMA 98ATEX1651 U / IECEx KEM 06.0034U

Technical data

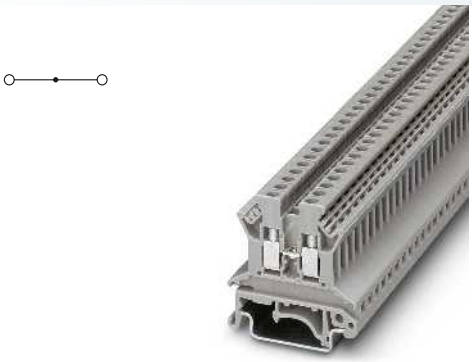
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		4.2	**42.5**	**42**
Dimensions		Width	Length	Height NS 32
	[mm]	**4.2**	**42.5**	**47**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		17.5	**500**	**0.14 - 1.5** / **30-14**
Rated data		IEC 60947-7-1		Ex
		IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	300	- / 352
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	- / 17 / 1.5
Rated cross section	[mm²]	1.5	-	- / 0.14-1.5
Cross section range	AWG	26 - 16	30-14	- / 26 - 16
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 0.75 / 0.25 - 0.75
2 conductors (of the same type)	[mm²]	0.14 - 0.75	0.14 - 0.75	0.25 - 0.34 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 0.5
Max. cross section with insertion bridge	[mm²]	-	-	- / -
General data				
Stripping length	[mm]	7		
Screw thread		M2		
Tightening torque	[Nm]	0.22 - 0.25		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	**UK 1,5 N**		3005837	50
		blue	**UK 1,5 N BU**		3005840	50

Accessories[1])

Cover, width 1.5 mm		gray	**D-UK 2,5**		3001022	50
		blue	**D-UK 2,5 BU**		3001103	50
Cover, width 1.8 mm		gray				
		blue				
Fixed bridge, isolated	10	silver	**FBRN 10-4 N**	12 A	3001624	10
Insertion bridge, insulated	10	gray				
Switch bar for 2 terminal blocks, complete, to increase insulation an end cover must be interposed	2	silver				
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver				
Isolator bridge bar, as distance piece for isolator bridge bar		gray				
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray				
Partition plate, 1.5 mm wide		gray	**ATP-UK**		3003224	50
Test socket		silver				
Test socket, insulated, can be used only with FBI and ISSBI		silver				
Screwdriver			**SZS 0,4X2,5 VDE**		1205037	10
Lateral groove marking			**ZB 4 (see Catalog 3)**			



2.5 (4) mm², 24 A, feed-through terminal block

Ex: EAC Ex
KEMA 06ATEX0119 U / IECEx KEM 06.0034U

Technical data

Width	Length	Height NS 35/7,5	
5.2	**42.5**	**42**	
Width	Length	Height NS 32	
5.2	**42.5**	**47**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**800**	**0.2 - 4**	**30-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	300	300	550
24 / 2.5	20 / -	20 / -	22 / 2.5
2.5	-	-	0.2-2.5
24 - 12	30-12	28-12	24 - 12
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1.5
2.5	2.5	-	-
7			
M3			
0.6 - 0.8			
PA			
V2			

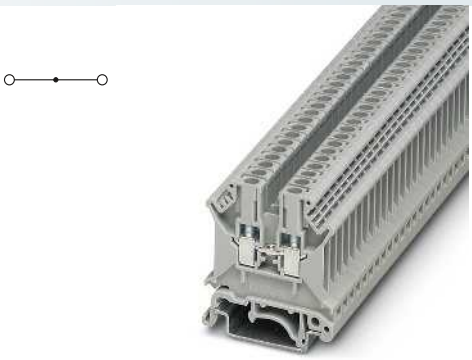
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 2,5 N		**3003347**	50
UK 2,5 N BU		**3003350**	50

Accessories[1])

D-UK 2,5		**3001022**	50
D-UK 2,5 BU		**3001103**	50
FBRI 10-5 N	24 A	**2770642**	10
EBL 10- 5	24 A	**2303132**	10
USBR 2-7	18 A	**2303239**	1
TS-KK 3		**2770215**	50
ATP-UK		**3003224**	50
PSB 3/10/4		**0601292**	10
PSBJ 3/13/4		**0201304**	10
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

ZB 5 (see Catalog 3)



2.5 (4) mm², 32 A, feed-through terminal block

Ex: EAC Ex
KEMA 98ATEX1651 U / IECEx KEM 06.0034U

Technical data

Width	Length	Height NS 35/7,5	
5.2	**42.5**	**47**	
Width	Length	Height NS 32	
5.2	**42.5**	**52**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**800**	**0.2 - 4**	**28-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
24 / 2.5	20 / -	20 / -	23 / 2.5
2.5	-	-	0.2-2.5
24 - 12	28-12	28-12	24 - 12
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

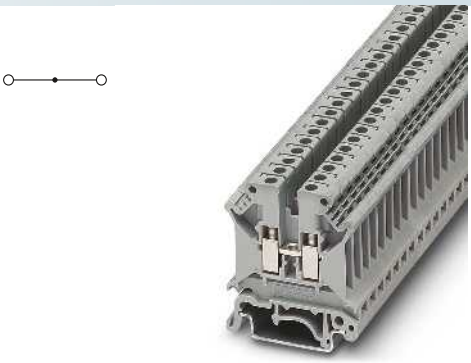
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 3 N		**3001501**	50
UK 3 N BU		**3001514**	50

Accessories[1])

D-UK 4/10		**3003020**	50
D-UK 4/10 BU		**3003101**	50
FBRI 10-5 N	30 A	**2770642**	10
EBL 10- 5	24 A	**2303132**	10
TS-K		**1302215**	50
ATP-UK		**3003224**	50
PSB 3/10/4		**0601292**	10
PSBJ 3/13/4		**0201304**	10
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

ZB 5 (see Catalog 3)



4 (6) mm², 41 A, feed-through terminal block

Ex: EAC Ex
KEMA 98ATEX1651 U / IECEx KEM 06.0034U

Technical data

Width	Length	Height NS 35/7,5	
6.2	**42.5**	**47**	
Width	Length	Height NS 32	
6.2	**42.5**	**52**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41	**800**	**0.2 - 6**	**30-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
32 / 4	30 / -	30 / -	30.5 / 4
4	-	-	0.2-4
24 - 10	30-10	28-10	24 - 10
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 5 N		**3004362**	50
UK 5 N BU		**3004388**	50

Accessories[1])

D-UK 4/10		**3003020**	50
D-UK 4/10 BU		**3003101**	50
FBI 10- 6	41 A	**0203250**	10
EB 10- 6	32 A	**0201139**	10
USBR 2-7	34 A	**2303239**	1
ISSBI 10- 6	30 A	**0301505**	10
IS-K 4		**1302338**	100
TS-K		**1302215**	50
ATP-UK		**3003224**	50
PSB 3/10/4		**0601292**	10
PSBJ 3/13/4		**0201304**	10
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

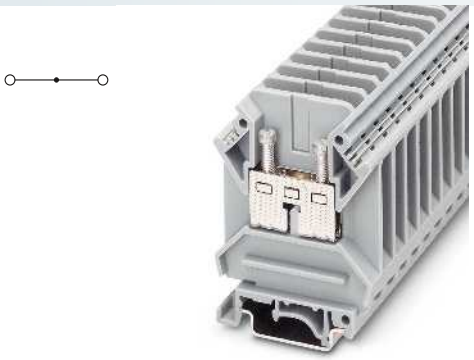
ZB 6 (see Catalog 3)

UHSK/S 2000 feed-through terminal blocks

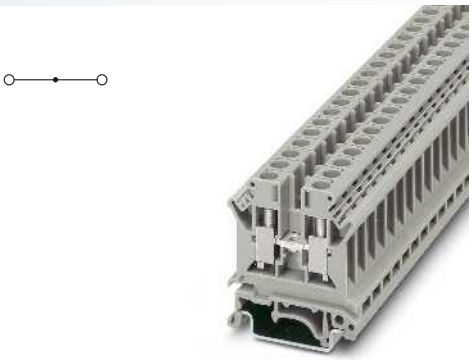
– All UK ... series universal terminal blocks can also be used in the area at risk of explosion according to IEC/EN 60079 as standard
– The corresponding EC type examination certificate numbers for the Ex approval can be found in the technical connection data

Notes:

[1]) For information on installation and using accessories for Ex applications, see page 644.



6 (10) mm², 57 A, 2000 V, feed-through terminal block



6 (10) mm², 57 A, feed-through terminal block

DNV GL
Ex: EAC Ex
SEV12ATEX0168U / IECEx SEV12.0008U

DNV GL KR ClassNK CB
Ex: EAC Ex
KEMA 98ATEX1651 U / IECEx KEM 06.0034U

Technical data

Dimensions		Width	Length	Height NS 35/7,5		Width	Length	Height NS 35/7,5	
	[mm]	**10.2**	**52**	**70.5**		**8.2**	**42.5**	**47**	
Dimensions		Width	Length	Height NS 32		Width	Length	Height NS 32	
	[mm]	**10.2**	**52**	**75.5**		**8.2**	**42.5**	**52**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		57	**2000**	**0.5 - 10**	**26-8**	**57**	**800**	**0.2 - 10**	**26-8**
		IEC 60947-7-1			Ex	IEC 60947-7-1			Ex
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	2000	1000	600	1100	800	600	600	690
Nominal current / cross section	[A] / [mm²]	41 / -	50 / -	25 / -	41 / 6	41 / 6	50 / -	50 / -	41 / 6
Rated cross section	[mm²]	6	-	-	0.5-6	6	-	-	0.2-6
Cross section range	AWG	20 - 8	26-8	26-12	20 - 8	24 - 8	26-8	26-8	24 - 8
Connection capacity		solid	stranded	ferrule	without/with plastic sleeve	solid	stranded	ferrule	without/with plastic sleeve
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 10	0.5 - 6	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm²]	0.5 - 6	0.5 - 6	0.5 - 6	-	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 6	-	-	-	0.5 - 4
Max. cross section with insertion bridge	[mm²]	-	-	-	-	4	4	-	-
General data									
Stripping length	[mm]	10				10			
Screw thread		M4				M4			
Tightening torque	[Nm]	1.5 - 1.8				1.5 - 1.8			
Insulating material		PA				PA			
Flammability rating according to UL 94		V0				V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, with universal foot for mounting on NS 32... or NS 35...		gray	**UHSK/S 2000**		0704076	50
		blue				
Terminal block, for mounting on NS 35...		gray				
		blue				

Accessories[1])

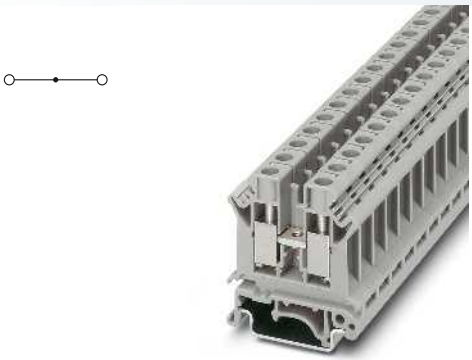
Cover, width 1.8 mm		gray				
Cover, width 1.5 mm		gray				
Cover, width: 2 mm		gray	**D-UHSK 2000**		0704021	50
Fixed bridge, isolated						
	2	silver				
	10	silver	**FBI 10-10**	61 A	0203276	10
Insertion bridge, fully insulated						
	10	gray				
Bridge bar for 2 terminal blocks, a cover must be placed between them to increase isolation						
	2	silver				
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**						
	10	silver				
Isolator bridge bar, as distance piece for isolator bridge bar		gray				
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray				
Partition plate, 1.5 mm wide		gray				
Test socket, for test connection with test plug PS		silver				
Screwdriver						
Lateral groove marking			**ZB 10 (see Catalog 3)**			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 6 N		3004524	50
UK 6 N BU		3004977	50

Accessories[1])

D-UK 4/10	3003020	50
FBI 10- 8 57 A	0203263	10
EB 10- 8 57 A	0202138	10
SB 2- 8/13 N 40 A	0200062	1
ISSBI 10- 8 57 A	0301534	10
IS-K 10	1303337	100
TS-K	1302215	50
ATP-UK	3003224	50
PSB 4/7/6	0303299	10
SZS 1,0X4,0 VDE	1205066	10
ZB 8 (see Catalog 3)		



10 (16) mm², 76 A, feed-through terminal block

Ex: EAC Ex
KEMA 98ATEX1786U / IECEx KEM 06.0029U

Technical data

Width	Length	Height NS 35/7,5	
10.2	**42.5**	**47.3**	
Width	Length	Height NS 32	
10.2	**42.5**	**52.3**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
76	**800**	**0.5 - 16**	**24-6**
IEC 60947-7-1			Ex
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
57 / 10	65 / -	65 / -	57 / 10
10	-	-	0.5-10
20 - 6	24-6	24-6	20 - 6
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 6
10	10	-	-
10			
M4			
1.5 - 1.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 10 N		3005073	50
UK 10 N BU		3005086	50

Accessories[1])

D-UK 4/10		3003020	50
FBI 10-10	76 A	0203276	10
EB 10-10	70 A	0203137	10
TS-K		1302215	50
ATP-UK		3003224	50
PSB 4/7/6		0303299	10
SZS 1,0X4,0 VDE		1205066	10

ZB 10 (see Catalog 3)



16 (25) mm², 101 A, feed-through terminal block

Ex: EAC Ex
KEMA 98ATEX1786U / IECEx KEM 06.0029U

Technical data

Width	Length	Height NS 35/7,5	
12.2	**42.5**	**54**	
Width	Length	Height NS 32	
12.2	**42.5**	**59**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
101	**800**	**2.5 - 25**	**22-4**
IEC 60947-7-1			Ex
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	690
76 / 16	85 / -	85 / -	74 / 16
16	-	-	4-16
14 - 4	22-4	22-4	14 - 4
solid	stranded	ferrule without/with plastic sleeve	
2.5 - 25	4 - 16	1.5 - 16	1.5 - 16
1.5 - 6	1.5 - 4	1.5 - 6	-
-	-	-	0.75 - 10
16	16	-	-
11			
M4			
1.5 - 1.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 16 N		3006043	50
UK 16 N BU		3006056	50

Accessories[1])

D-UK 16		3006027	50
FBI 10-12	101 A	0203454	10
EB 10-12	70 A	3006137	10
TS-K		1302215	50
ATP-UK		3003224	50
PSB 4/7/6		0303299	10
SZS 1,0X4,0 VDE		1205066	10

ZB 12 (see Catalog 3)



35 (35) mm², 125 A, feed-through terminal block

Technical data

Width	Length	Height NS 35/7,5	
16	**54.5**	**62**	
Width	Length	Height NS 32	
16	**54.5**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
125	**1000**	**10 - 35**	**8-2**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
125 / 35	115	-	-
35	-	-	-
8 - 2	8-2	-	-
solid	stranded	ferrule without/with plastic sleeve	
10 - 35	10 - 35	10 - 35	10 - 35
6 - 16	6 - 10	6 - 10	-
-	-	-	6 - 10
-	-	-	-
16			
M6			
3.2 - 3.7			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 35 N		3074130	50
UK 35 N BU		3058350	50

Accessories[1])

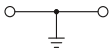
FBI 2-15	125 A	0201333	10
PSB 6/5/6		0205290	10
SZS 1,0X6,5 VDE		1205079	10

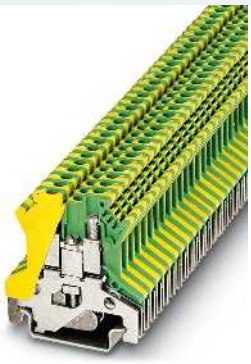
ZB 16,3 (see Catalog 3)

USLKG ... ground terminals

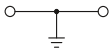
Notes:

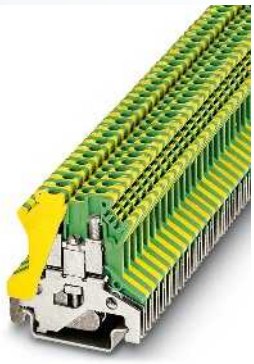
[1]) For information on installation and using accessories for Ex applications, see page 644.





1.5 (1.5) mm², ground terminal





2.5 (4) mm², ground terminal

Ex: EAC Ex
KEMA 99ATEX4487U / IECEx KEM 06.0035U

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**4.2**	**42.5**	**42**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**4.2**	**42.5**	**47**	
Maximum electrical data				max. Ø [mm²]	AWG (UL)
				0.14 - 1.5	**30-14**
		IEC 60947-7-2			Ex
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-	-
Nominal current / cross section	[A] / [mm²]	- / -	-	-	- / 1.5
Rated cross section	[mm²]	1.5	-	-	0.14-1.5
Cross section range	AWG	26 - 16	30-14	-	26 - 16
Connection capacity		solid	stranded	ferrule	without/with plastic sleeve
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
2 conductors (of the same type)	[mm²]	0.14 - 0.75	0.14 - 0.75	0.25 - 0.34	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 0.5
General data					
Stripping length	[mm]	7			
Terminal point: thread / torque	- / [Nm]	M2 / 0.22 - 0.25			
Mounting: thread / torque	- / [Nm]	PE foot with mounting screw, M2 / 0.22 - 0.25			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal, for mounting on NS 32... or NS 35...	green-yellow	**USLKG 1,5 N**	3005853	50
Ground terminal, for mounting on NS 35/15–2,3	green-yellow			

Accessories[1])

Screwdriver	**SZS 0,4X2,5 VDE**	1205037	10
Lateral groove marking	**ZB 4 (see Catalog 3)**		

Ex: EAC Ex
KEMA 96ATEX4370 U / IECEx KEM 06.0035U

Technical data

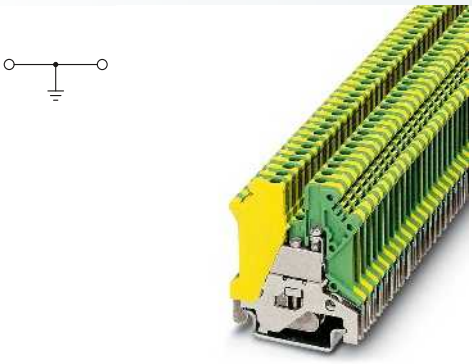
Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**5.2**	**42.5**	**42**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**5.2**	**42.5**	**47**	
Maximum electrical data				max. Ø [mm²]	AWG (UL)
				0.2 - 4	**30-12**
		IEC 60947-7-2			Ex
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-	-
Nominal current / cross section	[A] / [mm²]	- / -	-	- / -	- / 2.5
Rated cross section	[mm²]	2.5	-	-	0.2-2.5
Cross section range	AWG	24 - 12	30-12	28-12	24 - 12
Connection capacity		solid	stranded	ferrule	without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	7			
Terminal point: thread / torque	- / [Nm]	M3 / 0.6 - 0.8			
Mounting: thread / torque	- / [Nm]	PE foot with mounting screw, M2.5 / 0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

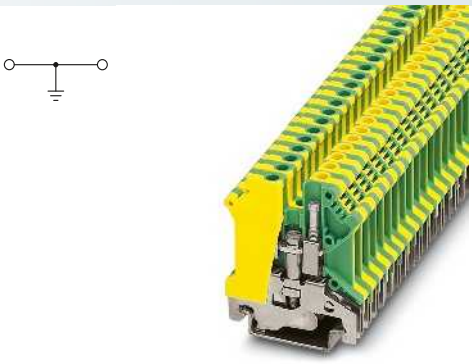
Type	Order No.	Pcs./Pkt.
USLKG 2,5 N	0441119	50
USLKG 2,5 N-1	0443081	50

Accessories[1])

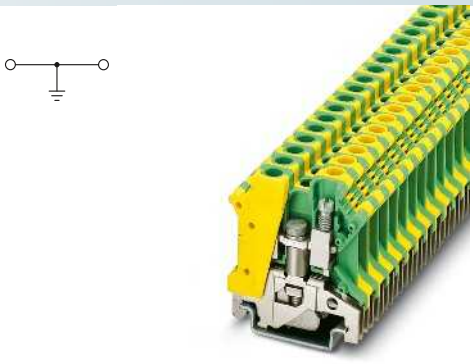
SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 5 (see Catalog 3)		



2.5 (4) mm², ground terminal



4 (6) mm², ground terminal



6 (10) mm², ground terminal

Ex: EAC Ex
KEMA 97ATEX1622 U / IECEx KEM 06.0035U

Technical data

Width	Length	Height NS 35/7,5	
5.2	**42.5**	**47**	
Width	Length	Height NS 32	
5.2	**42.5**	**52**	
		max. Ø [mm²]	AWG (UL)
		0.2 - 4	**28-12**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	- / 2.5
2.5	-	-	0.2-2.5
24 - 12	28-12	22-12	24 - 12
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
8			
M3 / 0.6 - 0.8			
PE foot with mounting screw, M2.5 / 0.5 - 0.6			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
USLKG 3	0441083	50
USLKG 3-1	0441106	50

Accessories[1])

SF-SL 0,6X3,5-100 S-VDE	1212587	10

ZB 5 (see Catalog 3)

Ex: EAC Ex
KEMA 99ATEX4487U / IECEx KEM 06.0035U

Technical data

Width	Length	Height NS 35/7,5	
6.2	**42.5**	**47**	
Width	Length	Height NS 32	
6.2	**42.5**	**52**	
		max. Ø [mm²]	AWG (UL)
		0.2 - 6	**26-10**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	- / 4
4	-	-	0.2-4
24 - 10	26-10	26-10	24 - 10
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
8			
M3 / 0.6 - 0.8			
PE foot with mounting screw, M3 / 0.6 - 0.8			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
USLKG 5	0441504	50
USLKG 5-1	0441517	50

Accessories[1])

SF-SL 0,6X3,5-100 S-VDE	1212587	10

ZB 6 (see Catalog 3)

Ex: EAC Ex
KEMA 96ATEX4370 U / IECEx KEM 06.0035U

Technical data

Width	Length	Height NS 35/7,5	
8.2	**42.5**	**47**	
Width	Length	Height NS 32	
8.2	**42.5**	**52**	
		max. Ø [mm²]	AWG (UL)
		0.2 - 10	**26-8**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	- / 6
6	-	-	0.2-6
24 - 8	26-8	-	24 - 8
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 4
10			
M4 / 1.5 - 1.8			
PE foot with mounting screw, M4 / 1.5 - 1.8			
PA			
V0			

Ordering data

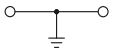
Type	Order No.	Pcs./Pkt.
USLKG 6 N	0442079	50
USLKG 6 N-1	0444048	50

Accessories[1])

SZS 1,0X4,0 VDE	1205066	10

ZB 8 (see Catalog 3)

USLKG ... ground terminals





10 (16) mm², 76 A, ground terminal

Notes:

[1]) For information on installation and using accessories for Ex applications, see page 644.

DNV GL CB
Ex: EAC Ex
KEMA 99ATEX4487U / IECEx KEM 06.0035U

Technical data

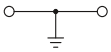
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**10.2**	**42.5**	**47**
Dimensions		Width	Length	Height NS 32
	[mm]	**10.2**	**42.5**	**52**
Maximum electrical data		$I_{max.}$ [A]		max. Ø [mm²] / AWG (UL)
		76		**0.5 - 16** / **24-6**
		IEC 60947-7-2		Ex
Rated data		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	-	-	- / -
Nominal current / cross section	[A] / [mm²]	57 / 10	-	- / - / - / 10
Rated cross section	[mm²]	10	-	- / - / 0.5-10
Cross section range	AWG	20 - 6	24-6	24-6 / 20 - 6
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.5 - 16	0.5 - 10	0.5 - 10 / 0.5 - 6
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 6
General data				
Stripping length	[mm]	10		
Terminal point: thread / torque	- / [Nm]	M4 / 1.5 - 1.8		
Mounting: thread / torque	- / [Nm]	PE foot with mounting screw, M4 / 1.5 - 1.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal, for mounting on NS 32... or NS 35...	green-yellow	**USLKG 10 N**	3003923	50
Ground terminal, for mounting on NS 35/15–2,3	green-yellow	**USLKG 10 N-1**	0442082	50
Ground terminal, for mounting on NS 35...	green-yellow			

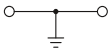
Accessories[1])

Screwdriver	**SZS 1,0X4,0 VDE**	1205066	10
Lateral groove marking	**ZB 10 (see Catalog 3)**		





16 (25) mm², 101 A, ground terminal





35 (35) mm², 125 A, ground terminal

DNV GL ClassNK
Ex: EAC Ex
KEMA 99ATEX4487U / IECEx KEM 06.0035U

EAC

Technical data

Width	Length	Height NS 35/7,5	
12.2	**42.5**	**54**	
Width	Length	Height NS 32	
12.2	**42.5**	**59**	
$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)
101		**2.5 - 25**	**22-4**
IEC 60947-7-2			Ex
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
76 / 16	-	- / -	- / 16
16	-	-	4-16
12 - 4	22-4	22-4	12 - 4
solid	stranded	ferrule without/with plastic sleeve	
2.5 - 25	4 - 16	1.5 - 16	1.5 - 16
1.5 - 6	1.5 - 4	1.5 - 6	-
-	-	-	0.75 - 10
11			
M4 / 1.5 - 1.8			
PE foot with mounting screw, M4 / 1.5 - 1.8			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
USLKG 16 N	0443023	50
USLKG 16 N-1	0443036	50

Accessories[1])

SZS 1,0X4,0 VDE	1205066	10

ZB 12 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
16	**53.4**	**62**	
Width	Length	Height NS 32	
16	**53.4**	**-**	
$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)
125		**10 - 35**	**8-2**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
125 / 35	-	-	-
35	-	-	-
8 - 2	8-2	-	-
solid	stranded	ferrule without/with plastic sleeve	
10 - 35	10 - 35	10 - 35	10 - 35
6 - 16	6 - 10	6 - 10	-
-	-	-	6 - 10
16			
M6 / 3.2 - 3.7			
PE foot with mounting screw, M5 / 2.5 - 3			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
USLKG 35 N	3074143	50

Accessories[1])

SZS 1,0X6,5 VDE	1205079	10

ZB 16,3 (see Catalog 3)

Feed-through terminal blocks and ground terminals with three UK 10−PLUS connections

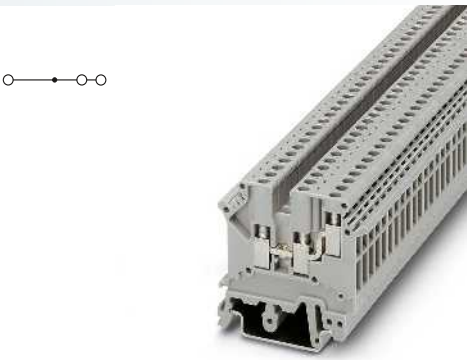


- These twin terminal blocks are designed for the basic job of potential branching
- The simple way to connect with very different types of conductors with very different cross sections
- Two independent conductor connections can be used on the switch cabinet side
- Bridgeable in the terminal center, even with feed-through terminal blocks added as neighbors: UK 3−TWIN with UK 3 N, UK 5−TWIN with UK 5 N and UK 10−TWIN and UK 10−PLUS with UK 10 N
- The terminal blocks UK 3−TWIN and UK 5−TWIN have the same shape but different pitch widths
- The UK 10−TWIN has two 10 mm² connection options
- The UK 10−PLUS has one connection for connecting through a 10 mm² supply cable and a 4 mm² tap
- UK 10−TWIN and UK 10−PLUS can also be bridged in the terminal center with the feed-through terminal blocks UK 10 N
- With universal foot for mounting on NS 35... or NS 32... DIN rails

Notes:

If added to the open side of the UK 3–TWIN and UK 5–TWIN universal terminal blocks UK, the open metal part must be closed with the UK 5–TWIN-DECKELSEGMENT, five of which are supplied with every package.

[1]) Tap: 41 A / 6 mm²



2.5 (2.5) mm², 24 A, feed-through terminal block, 3 connections

Technical data

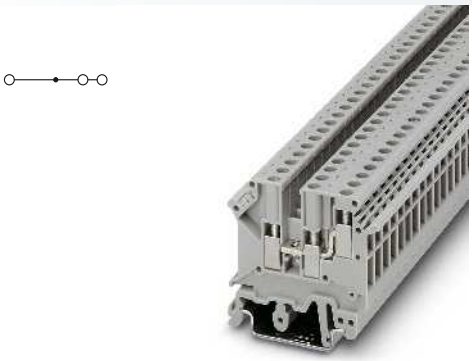
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		5.2	**50.5**	**47**
Dimensions		Width	Length	Height NS 32
	[mm]	**5.2**	**50.5**	**52**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		24	**400**	**0.2 - 2.5** / **30-12**
Rated data		IEC 60947-7-1 / IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	400	300	300 / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	10 / -	20 / - / -
Rated cross section	[mm²]	2.5	-	- / -
Cross section range	AWG	24 - 14	30-12	28-12 / -
Connection capacity continuity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5 / 0.25 - 1
2 conductors (of the same type)	[mm²]	0.2 - 0.5	0.2 - 0.5	0.25 - 0.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 0.75
Max. cross section with insertion bridge	[mm²]	2.5	2.5	- / -
Connection capacity pick-off		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	-	-	- / -
2 conductors (of the same type)	[mm²]	-	-	- / -
Two conductors with a TWIN ferrule	[mm²]			/ -
General data				
Stripping length: continuity / pick-off	[mm]	8 / -		
Continuity: thread / torque		M3 / 0.5 - 0.6		
Pick-off: thread / torque		- / -		
Insulating material		PA		
Flammability rating according to UL 94		V2		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, with universal foot for reversible mounting on NS 32... or NS 35...		gray	**UK 3-TWIN**		3002225	50
		blue	**UK 3-TWIN BU**		3002416	50

Accessories

Cover, width: 2 mm		gray	**D-UK 5-TWIN**		1923034	50
		blue	**D-UK 5-TWIN BU**		1923050	50
Fixed bridge, isolated	10	silver	**FBRI 10-5 N**	24 A	2770642	10
Insertion bridge, insulated	2	gray	**EBL 2- 5**	24 A	2303145	10
	3	gray	**EBL 3- 5**	24 A	2303158	10
	10	gray	**EBL 10- 5**	24 A	2303132	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-K**		1302215	50
Test socket		silver	**PSB 3/10/4**		0601292	10
Test socket, insulated, can be used only with FBI and ISSBI		silver	**PSBJ 3/13/4**		0201304	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 5 (see Catalog 3)**			



4 (4) mm², 32 A, feed-through terminal block, 3 connections

Ex: EAC Ex

Technical data

Width	Length	Height NS 35/7,5	
6.2	**50.5**	**47**	
Width	Length	Height NS 32	
6.2	**50.5**	**52**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**500**	**0.2 - 4**	**30-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	150	300	275
32 / 4	30 / -	30 / -	32
4	-	-	-
24 - 12	30-10	22-10	0.2-4
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	4	-	-
solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
			-
8 / -			
M3 / 0.6 - 0.8			
- / -			
PA			
V2			

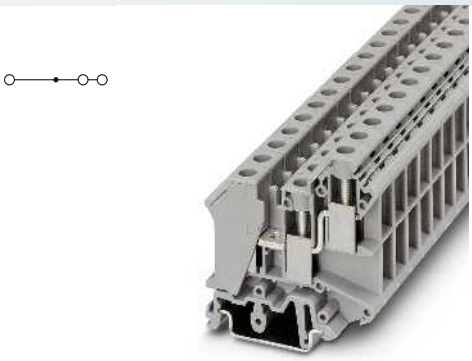
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 5-TWIN		1923021	50
UK 5-TWIN BU		1923047	50

Accessories

D-UK 5-TWIN		1923034	50
D-UK 5-TWIN BU		1923050	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	32 A	0201155	100
EB 3- 6	32 A	0201142	100
EB 10- 6	32 A	0201139	10
TS-K		1302215	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)



10 (16) mm², 76 A, feed-through terminal block, 3 connections

Technical data

Width	Length	Height NS 35/7,5	
10.2	**56.5**	**59**	
Width	Length	Height NS 32	
10.2	**56.5**	**64**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
76	**800**	**0.5 - 16**	**24-6**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	300	600	-
57 / 10	65 / -	65 / -	-
10	-	-	-
20 - 6	24-6	24-6	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
			-
11 / -			
M4 / 1.5 - 1.8			
- / -			
PA			
V0			

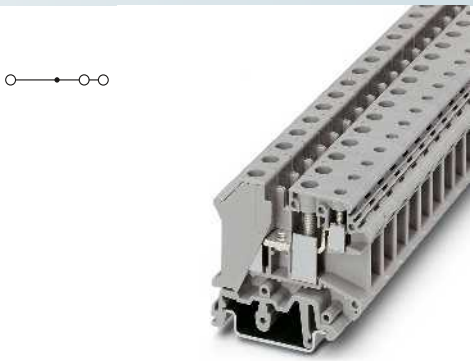
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 10-TWIN		3005196	50
UK 10-TWIN BU		3005235	50

Accessories

FBI 10-10	76 A	0203276	10
TS-KK 3		2770215	50
PSB 4/7/6		0303299	10
PSBJ 4/15/6 RD		0303325	10
SZS 1,0X4,0 VDE		1205066	10

ZB 10 (see Catalog 3)



10 (16) mm², 76 A, feed-through terminal block, with tap

Technical data

Width	Length	Height NS 35/7,5	
10.2	**53**	**47**	
Width	Length	Height NS 32	
10.2	**53**	**52**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
76[1])	**800**	**0.5 - 16**	**24-6**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	300	600	-
57 / 10	65 / -	65 / -	-
10	-	-	-
20 - 6	24-6	24-6	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
			0.5 - 1.5
11 / 7			
M4 / 1.5 - 1.8			
M3 / 0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 10-PLUS		3001381	50
UK 10-PLUS BU		3001475	50

Accessories

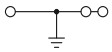
FBI 10-10	76 A	0203276	10
TS-KK 3		2770215	50
PSB 4/7/6		0303299	10
PSBJ 4/15/6 RD		0303325	10
SZS 1,0X4,0 VDE		1205066	10

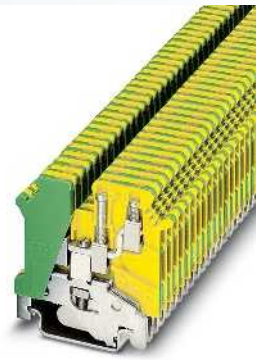
ZB 10 (see Catalog 3)

Ground terminal with three UK ...-TWIN-PE and UK 10-PLUS-PE connections



- Same shape and pitch as the feed-through terminal blocks
- Universal ground conductor foot for mounting on NS 35...- or NS 32... DIN rails (with the exception of NS 35/15-2,3)
- LB ... and ISSBI 10-6 bridges can be attached to the neighboring UK, UK-TWIN, and UK-PLUS versions with bridging facility, thanks to the housing cutouts in the ground terminals





2.5 (2.5) mm², ground terminal, 3 connections

Technical data

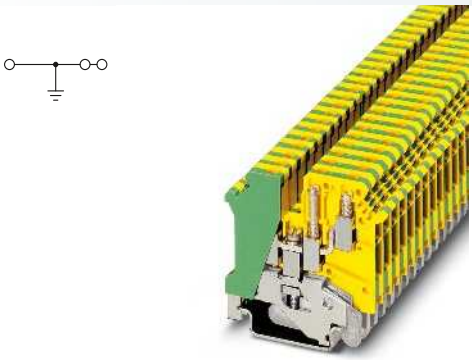
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		5.2	**50.5**	**47**
Dimensions		Width	Length	Height NS 32
	[mm]	**5.2**	**50.5**	**52**
Maximum electrical data				max. Ø [mm²] / AWG (UL)
				0.2 - 2.5 / **30-12**
Rated data		IEC 60947-7-2 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	-	-	- / -
Nominal current / cross section	[A] / [mm²]	- / -	-	- / -
Rated cross section	[mm²]	2.5	-	- / -
Cross section range	AWG	24 - 14	30-12	- / -
Connection capacity continuity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5 / 0.25 - 1
2 conductors (of the same type)	[mm²]	0.2 - 0.5	0.2 - 0.5	0.25 - 0.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 0.75
Connection capacity pick-off		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	-	-	- / -
2 conductors (of the same type)	[mm²]	-	-	- / -
Two conductors with a TWIN ferrule	[mm²]			-
General data				
Stripping length: continuity / pick-off	[mm]	8 / -		
Continuity: thread / torque		M3 / 0.5 - 0.6		
Pick-off: thread / torque		- / -		
Mounting: thread / torque	- / [Nm]	PE foot with mounting screw, M2.5 / 0.5 - 0.6		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

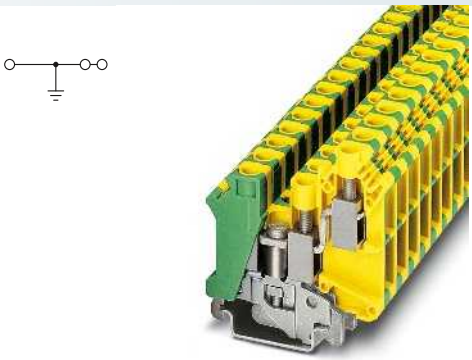
Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal, for mounting on NS 32... or NS 35...	green-yellow	**UK 3-TWIN-PE**	1923128	50

Accessories

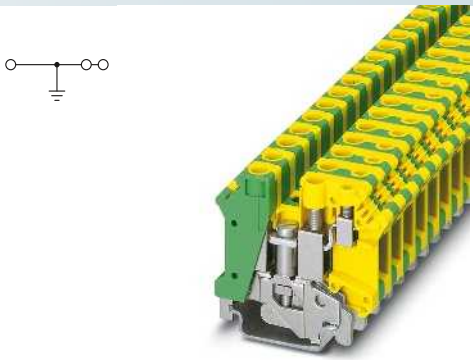
Screwdriver	**SF-SL 0,6X3,5-100 S-VDE** 1212587	10
Lateral groove marking	**ZB 5 (see Catalog 3)**	



4 (4) mm², ground terminal, 3 connections



10 (16) mm², 76 A, ground terminal, 3 connections



10 (16) mm², 76 A, ground terminal, with tap and PE foot

Technical data

Width	Length	Height NS 35/7,5	
6.2	**50.5**	**47**	
Width	Length	Height NS 32	
6.2	**50.5**	**52**	
		max. Ø [mm²]	AWG (UL)
		0.2 - 4	**30-10**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	-
4	-	-	-
24 - 12	30-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
			-
8 / -			
M3 / 0.6 - 0.8			
- / -			
PE foot with mounting screw, M3 / 0.6 - 0.8			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UK 5-TWIN-PE	1923076	50

Accessories

SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 6 (see Catalog 3)		

Technical data

Width	Length	Height NS 35/7,5	
10.2	**56.5**	**59**	
Width	Length	Height NS 32	
10.2	**56.5**	**64**	
$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)
76		**0.5 - 16**	**24-6**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
57 / 10	-	- / -	-
10	-	-	-
20 - 6	24-6	24-6	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
			-
11 / -			
M4 / 1.5 - 1.8			
- / -			
PE foot with mounting screw, M4 / 1.5 - 1.8			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
UK 10-TWIN-PE	3001433	50

Accessories

SZS 1,0X4,0 VDE	1205066	10
ZB 10 (see Catalog 3)		

Technical data

Width	Length	Height NS 35/7,5	
10.2	**53**	**47**	
Width	Length	Height NS 32	
10.2	**53**	**52**	
$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)
76		**0.5 - 16**	**24-6**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
57 / 10	-	- / -	-
10	-	-	-
20 - 6	24-6	24-6	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 6	-
-	-	-	0.5 - 6
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
			0.5 - 1.5
11 / 7			
M4 / 1.5 - 1.8			
M3 / 0.6 - 0.8			
PE foot with mounting screw, M4 / 1.5 - 1.8			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
UK 10-PLUS-PE	3001420	50

Accessories

SZS 1,0X4,0 VDE	1205066	10
ZB 10 (see Catalog 3)		

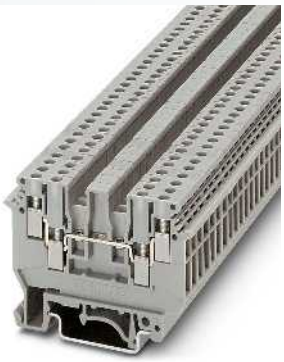
Feed-through and PE terminal blocks with four UDK ... connections

– Two connection points on each side to accommodate several conductors
– Double bridge shaft enables individual potential distribution and supply
– Design width 5.2 mm or 6.2 mm
– UDK 3 and UDK 4 are of the same shape

UDK ...-PE ground terminal

– Same shape and pitch as the feed-through terminal blocks
– The ISSBI 10−6 bridge can be attached to the neighboring UDK 4 versions with bridging facility thanks to the housing cutouts in the ground terminal
– Universal ground conductor foot for mounting on NS 35...- or NS 32... DIN rails (with the exception of NS 35/15−2,3)

CLIP PROJECT planning enables the quick and convenient planning and configuration of error-free terminal strips.



2.5 (4) mm², 32 A, feed-through terminal block, 4 connections

Technical data

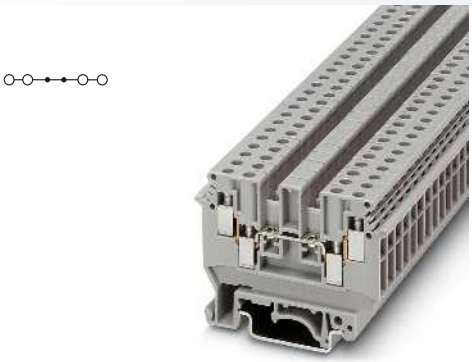
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**5.2**	**63.5**	**47**
Dimensions		Width	Length	Height NS 32
	[mm]	**5.2**	**63.5**	**52**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32	**500**	**0.2 - 4** / **30-12**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	300	300 / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -
Rated cross section	[mm²]	2.5	-	- / -
Cross section range	AWG	24 - 12	30-12	28-12 / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5 / 0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1
Max. cross section with insertion bridge	[mm²]	2.5	2.5	- / -
General data				
Stripping length	[mm]	8		
Terminal point: thread / torque	- / [Nm]	M3 / 0.5 - 0.6		
Mounting: thread / torque	- / [Nm]	- / -		
Insulating material		PA		
Flammability rating according to UL 94		V2		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	**UDK 3**		2775375	50
		blue	**UDK 3 BU**		2718277	50
Ground terminal, for mounting on NS 32... or NS 35...		green-yellow				

Accessories

Cover, width 1.5 mm		gray	**D-UDK 4**		2775113	50
		blue	**D-UDK 4 BU**		2775197	50
Fixed bridge, for cross connections in the terminal center, screw heads with insulation collar						
	2	silver	**FBRI 2-5 N**	26 A	3000227	10
	3	silver	**FBRI 3-5 N**	26 A	3000201	10
	4	silver	**FBRI 4-5 N**	26 A	3000191	10
	10	silver	**FBRI 10-5 N**	26 A	2770642	10
Insertion bridge, insulated						
	2	gray	**EBL 2- 5**	26 A	2303145	10
	3	gray	**EBL 3- 5**	26 A	2303158	10
	10	gray	**EBL 10- 5**	26 A	2303132	10
Switch bar for 2 terminal blocks, complete, to increase insulation an end cover must be interposed						
	2	silver				
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**						
	10	silver				
Isolator bridge bar, as distance piece for isolator bridge bar		gray				
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 5 (see Catalog 3)**			



4 (6) mm², 32 A, feed-through terminal block, 4 connections

Technical data

Width	Length	Height NS 35/7,5	
6.2	**63.5**	**47**	
Width	Length	Height NS 32	
6.2	**63.5**	**52**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**630**	**0.2 - 6**	**30-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
630	600	600	-
32 / 4	30 / -	25 / -	-
4	-	-	-
24 - 10	30-10	22-10	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
2.5	2.5	-	-
8			
M3 / 0.5 - 0.6			
- / -			
PA			
V2			

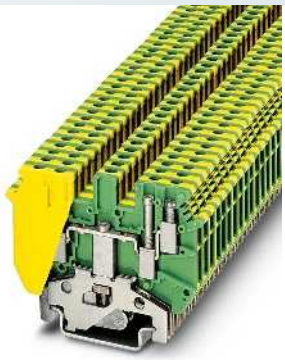
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UDK 4		2775016	50
UDK 4 BU		2775090	50

Accessories

D-UDK 4		2775113	50
D-UDK 4 BU		2775197	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	26 A	0201155	100
EB 3- 6	26 A	0201142	100
EB 10- 6	26 A	0201139	10
USBR 2-7	24 A	2303239	1
ISSBI 10- 6	32 A	0301505	10
IS-K 4		1302338	100
TS-KK 3		2770215	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)



2.5 (4) mm², ground terminal, 4 connections

Technical data

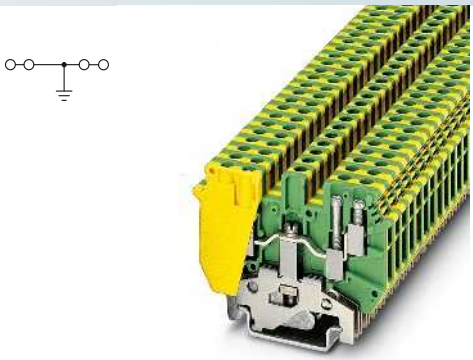
Width	Length	Height NS 35/7,5	
5.2	**63.5**	**47**	
Width	Length	Height NS 32	
5.2	**63.5**	**52**	
		max. Ø [mm²]	AWG (UL)
		0.2 - 4	**30-12**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	-
2.5	-	-	-
24 - 12	30-12	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
-	-	-	-
8			
M3 / 0.5 - 0.6			
PE foot with mounting screw, M2.5 / 0.5 - 0.6			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UDK 3-PE	2775456	50

Accessories

ZB 5 (see Catalog 3)



4 (6) mm², ground terminal, 4 connections

Technical data

Width	Length	Height NS 35/7,5	
6.2	**63.5**	**47**	
Width	Length	Height NS 32	
6.2	**63.5**	**52**	
		max. Ø [mm²]	AWG (UL)
		0.2 - 6	**22-10**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	-
4	-	-	-
24 - 10	22-10	22-10	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1
-	-	-	-
8			
M3 / 0.5 - 0.6			
PE foot with mounting screw, M3 / 0.6 - 0.8			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UDK 4-PE	2775184	50

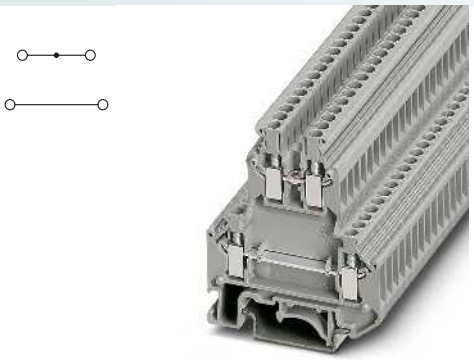
Accessories

SF-SL 0,6X3,5-100 S-VDE	1212587	10

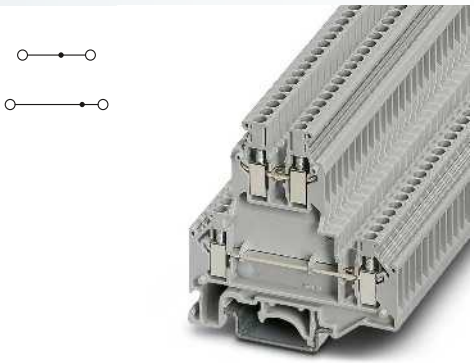
ZB 6 (see Catalog 3)

UKK ... double-level terminal blocks

- Compact double-level terminal blocks in nominal cross sections of 2.5 and 4 mm²
- One or two bridge shafts
- Large marking option
- Even if fully wired, the level offset offers unobstructed access to the lower connection level



2.5 (4) mm², 32 A, double-level terminal block



2.5 (4) mm², 32 A, double-level terminal block, both levels can be bridged

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**5.2**	**56**	**62**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**5.2**	**56**	**67**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**500**	**0.2 - 4**	**28-12**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	600	300	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	25 / -	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 12	28-12	28-12	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
Max. cross section with insertion bridge	[mm²]	2.5	2.5	-	-
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

Width		Length	Height NS 35/7,5		
5.2		**67**	**62**		
Width		Length	Height NS 32		
5.2		**67**	**67**		
$I_{max.}$ [A]		$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
32		**500**	**0.2 - 4**	**28-12**	
IEC 60947-7-1 IEC		UL / CUL	CSA	IEC/ EN 60079-7	
500		600	300	-	
24 / 2.5		20 / -	25 / -	-	
2.5		-	-	-	
24 - 12		28-12	28-12	-	
solid		stranded	ferrule without/with plastic sleeve		
0.2 - 4		0.2 - 2.5	0.25 - 2.5	0.25 - 1.5	
0.2 - 1		0.2 - 1.5	0.25 - 1.5	-	
-		-	-	0.5 - 1	
2.5		2.5	-	-	
8					
M3					
0.5 - 0.6					
PA					
V0					

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Double-level terminal block, for mounting on NS 35... and NS 32...		gray	**UKK 3**		2770011	50
		blue	**UKK 3 BU**		2770095	50
Double-level terminal block, for mounting on NS 35... and NS 32..., with equipotential bonding between the levels		gray				

Accessories

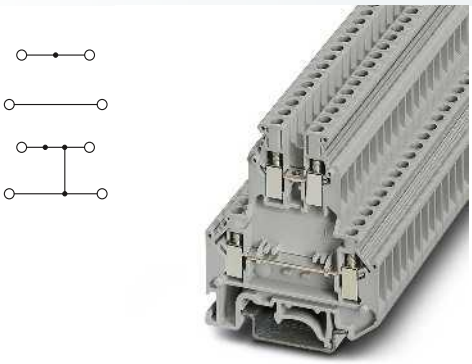
Cover, width 2.5 mm		gray	**D-UKK 3/5**		2770024	50
		blue	**D-UKK 3/5 BU**		2770105	50
Spacer plate, compensates for level offsets, width 2.5 mm		gray	**DP-UKK 3/5**		2770794	50
Fixed bridge, isolated						
	2	silver	**FBRNI 2-5 N**	28 A	3000175	10
	3	silver	**FBRNI 3-5 N**	28 A	3000162	10
	4	silver	**FBRNI 4-5 N**	28 A	3000159	10
	10	silver	**FBRNI 10-5 N**	28 A	2770639	10
Insertion bridge, insulated						
	2	gray				
	3	gray				
	10	gray	**EBL 10- 5**	22 A	2303132	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**						
	10	silver				
Isolator bridge bar, as distance piece for isolator bridge bar		gray				
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Partition plate, 2.5 mm wide		gray	**ATP-UKK 3/5**		2778521	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 5 (see Catalog 3)**			

Ordering data

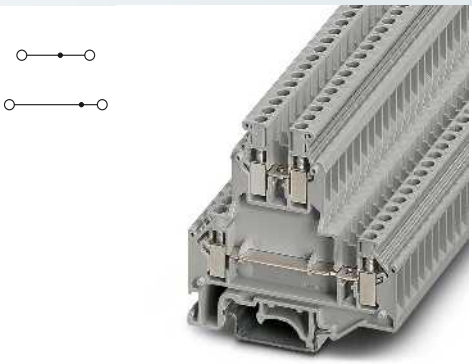
Type	I_{max}	Order No.	Pcs./Pkt.
UKKB 3		2771010	50
UKKB 3 BU		2771094	50

Accessories

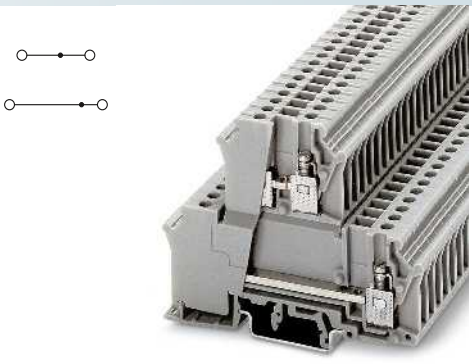
D-UKKB 3/5		2771023	50
D-UKKB 3/5 BU		2771104	50
DP-UKKB 3/ 5		2770804	50
FBRNI 2-5 N	28 A	3000175	10
FBRNI 3-5 N	28 A	3000162	10
FBRNI 4-5 N	28 A	3000159	10
FBRNI 10-5 N	28 A	2770639	10
EBL 10- 5	22 A	2303132	10
TS-KK 3		2770215	50
ATP-UKKB 3		2771065	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			



4 (4) mm², 32 A, double-level terminal block



4 (4) mm², 32 A, double-level terminal block, both levels can be bridged



4 (4) mm², 32 A, 800 V, double-level terminal block, both levels can be bridged

Technical data

Width	Length	Height NS 35/7,5	
6.2	**56**	**62**	
Width	Length	Height NS 32	
6.2	**56**	**67**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**500**	**0.2 - 4**	**26-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	300	-
32 / 4	30 / -	25 / -	-
4	-	-	-
24 - 12	26-10	28-10	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKK 5		2774017	50
UKK 5 BU		2774091	50
UKK 5-PV		2791388	50

Accessories

D-UKK 3/5		2770024	50
D-UKK 3/5 BU		2770105	50
DP-UKK 3/5		2770794	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	28 A	0201155	100
EB 3- 6	28 A	0201142	100
EB 10- 6	28 A	0201139	10
ISSBI 10- 6	24 A	0301505	10
IS-K 4		1302338	100
TS-KK 3		2770215	50
ATP-UKK 3/5		2778521	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**67**	**62**	
Width	Length	Height NS 32	
6.2	**67**	**67**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**500**	**0.2 - 4**	**26-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	300	-
32 / 4	30 / -	25 / -	-
4	-	-	-
24 - 12	26-10	28-10	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKKB 5		2771146	50
UKKB 5 BU		3216053	50

Accessories

D-UKKB 3/5		2771023	50
D-UKKB 3/5 BU		2771104	50
DP-UKKB 3/ 5		2770804	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	28 A	0201155	100
EB 3- 6	28 A	0201142	100
EB 10- 6	28 A	0201139	10
ISSBI 10- 6	24 A	0301505	10
IS-K 4		1302338	100
TS-KK 3		2770215	50
ATP-UKKB 3		2771065	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**84.5**	**64**	
Width	Length	Height NS 32	
6.2	**84.5**	**69**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**800**	**0.2 - 4**	**28-12**
IEC 60947-7-1			Ex
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	750
32 / 4	20 / -	-	27
4	-	-	-
24 - 12	28-12	-	0.2-4
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 2.5	0.2 - 2.5	0.25 - 2.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
8			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UXKK 4		2780014	50

Accessories

FBI 10- 6	24 A	0203250	10

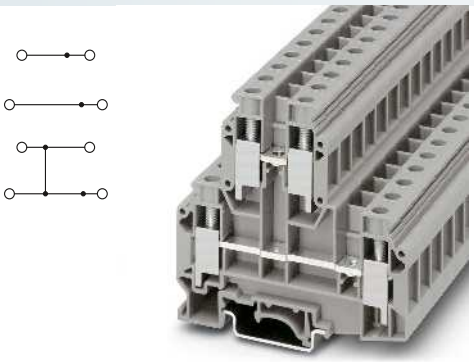
ZB 6 (see Catalog 3)

Double-level terminal blocks UKKB 10 ...

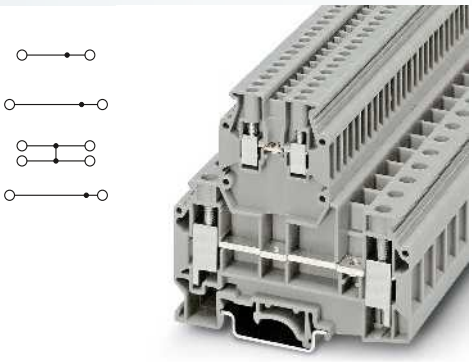
– Can be bridged on both levels for all potential distribution tasks
– Design width of just 10.2 mm
– One of the special features of the UKKB 10/2,5 is that it allows two 2.5 mm² conductors to be connected in the upper level

Notes:

UKKB 10-PV: 70 A / 500 V



10 (16) mm², 76 A, double-level terminal block



10 (16) mm², 76 A, double-level terminal block, upper level with 2 x 2.5 mm² feed-through terminal blocks

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**10.2**	**77.5**	**73**	
Dimensions	Width	Length	Height NS 32	
[mm]	**10.2**	**77.5**	**78**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	76	**500**	**0.5 - 16**	**24-6**
Rated data lower level	IEC 60947-7-1			
	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500	600	300	-
Nominal current / cross section [A] / [mm²]	57 / 10	65 / -	65 / -	-
Rated cross section [mm²]	10	-	-	-
Cross section range AWG	20 - 6	24-6	24-6	-
Connection capacity, lower level	solid	stranded	ferrule	without/with plastic sleeve
1 conductor [mm²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
2 conductors (of the same type) [mm²]	0.5 - 6	0.5 - 4	0.5 - 6	-
2 stranded conductors with a TWIN ferrule [mm²]				0.5 - 6
Rated data, upper level	IEC 60947-7-1			
	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500	600	300	-
Nominal current / cross section [A] / [mm²]	57 / 10	65 / -	65 / -	-
Rated cross section [mm²]	10	-	-	-
Cross section range AWG	20 - 6	24-6	24-6	-
Connection capacity, upper level	solid	stranded	ferrule	without/with plastic sleeve
1 conductor [mm²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
2 conductors (of the same type) [mm²]	0.5 - 6	0.5 - 4	0.5 - 6	-
Two conductors with a TWIN ferrule [mm²]				0.5 - 6
General data				
Stripping length, lower / upper level [mm]	11 / 11			
Thread, lower / upper level	M4 / M4			
Tightening torque, lower / upper level [Nm]	1.5 - 1.8 / 1.5 - 1.8			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Technical data

Width	Length	Height NS 35/7,5		
10.2	**77.5**	**73**		
Width	Length	Height NS 32		
10.2	**77.5**	**78**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
76	**500**	**0.5 - 16**	**24-6**	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
500	600	300	-	
57 / 10	65 / -	65 / -	-	
10	-	-	-	
20 - 6	24-6	24-6	-	
solid	stranded	ferrule	without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6	
0.5 - 6	0.5 - 4	0.5 - 6	-	
			0.5 - 6	
IEC 60947-7-1				
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
500	600	300	-	
24 / 2.5	20 / -	20 / -	-	
10	-	-	-	
24 - 12	30-12	28-12	-	
solid	stranded	ferrule	without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 1	-	
			0.5 - 1.5	
11 / 8				
M4 / M3				
1.2 - 1.8 / 0.5 - 0.8				
PA				
V0				

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	**UKKB 10**		2772077	50
Terminal block, with equipotential bonder, for mounting on NS 32 ... or NS 35...		gray	**UKKB 10-PV**		3003567	50

Accessories

Cover, width 1.5 mm		gray	**D-UKKB 10**		3001394	50
Fixed bridge, isolated	10	silver				
Fixed bridge, for cross connections in the terminal center, screw heads with insulating collar, divisible, with 10 screws	10	silver	**FBI 10-10**	70 A	0203276	10
Chain bridge, with screw	1	silver	**KB- 10**	70 A	0203205	100
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver	**ISSBI 10-10**	38 A	0301521	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 10**		1303337	100
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Marking for upper level			**ZB 10 (see Catalog 3)**			
Marking for lower level			**ZB 10 (see Catalog 3)**			

Ordering data

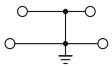
Type	I_{max}	Order No.	Pcs./Pkt.
UKKB 10/2,5		2771007	50
UKKB 10/2,5-PV		2775485	50

Accessories

D-UKKB 10		3001394	50
FBRI 10-5 N	26 A	2770642	10
FBI 10-10	70 A	0203276	10
KB- 10	70 A	0203205	100
ISSBI 10-10	38 A	0301521	10
IS-K 10		1303337	100
SZS 1,0X4,0 VDE		1205066	10
ZB 5 (see Catalog 3)			
ZB 10 (see Catalog 3)			

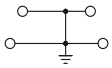
Double-level ground terminals UKK 5−PE and UKKB 5−PE

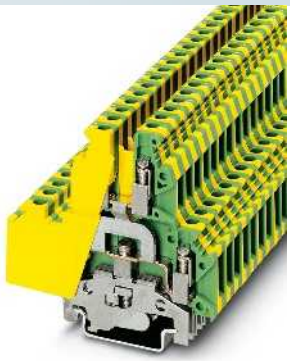
- Same shape and pitch as the feed-through terminal blocks
- Even if fully wired, the level offset offers unobstructed access to the lower connection level
- Universal ground conductor foot for mounting on NS 35...- or NS 32... DIN rails (with the exception of NS 35/15−2,3)





4 (4) mm², double-level ground terminal





4 (4) mm², double-level ground terminal

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**56**	**62**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**6.2**	**56**	**67**	
Maximum electrical data				max. Ø [mm²]	AWG (UL)
				0.2 - 4	**26-10**
Rated data		IEC 60947-7-2 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-	-
Nominal current / cross section	[A] / [mm²]	- / -	-	- / -	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	24 - 12	26-10	28-10	-
Connection capacity		solid	stranded	ferrule	without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	8			
Terminal point: thread / torque	- / [Nm]	M3 / 0.6 - 0.8			
Mounting: thread / torque	- / [Nm]	PE foot with mounting screw, M3 / 0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal, for mounting on NS 32... or NS 35...	green-yellow	**UKK 5-PE**	2774211	50

Accessories

Screwdriver	**SF-SL 0,6X3,5-100 S-VDE**	1212587	10
Lateral groove marking	**ZB 6 (see Catalog 3)**		

Technical data

		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**67**	**62**	
		Width	Length	Height NS 32	
	[mm]	**6.2**	**67**	**67**	
				max. Ø [mm²]	AWG (UL)
				0.2 - 4	**26-10**
		IEC 60947-7-2 IEC	UL / CUL	CSA	IEC/ EN 60079-7
	[V]	-	-	-	-
	[A] / [mm²]	- / -	-	- / -	-
	[mm²]	4	-	-	-
	AWG	24 - 12	26-10	28-10	-
		solid	stranded	ferrule	without/with plastic sleeve
	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
	[mm²]	-	-	-	0.5 - 1.5
	[mm]	8			
	- / [Nm]	M3 / 0.6 - 0.8			
	- / [Nm]	PE foot with mounting screw, M3 / 0.6 - 0.8			
		PA			
		V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UKKB 5-PE	3007123	50

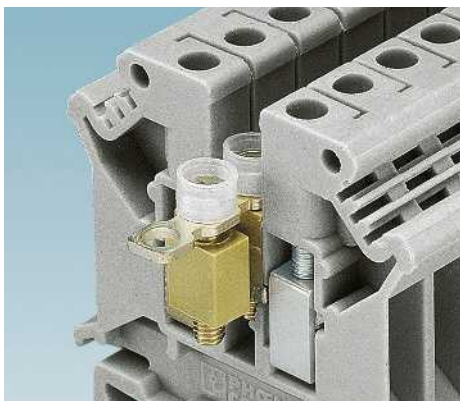
Accessories

SF-SL 0,6X3,5-100 S-VDE	1212587	10
ZB 6 (see Catalog 3)		

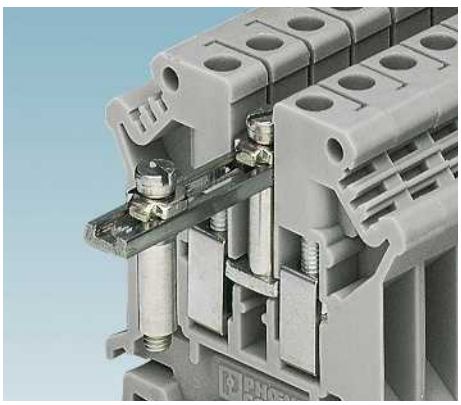
Bridge cross-reference list

Type	Order No.	UK 2,5 N Page 421	UK 3 N Page 421	UK 5 N Page 421	UK 6 N Page 422	UK 10 N Page 423	UK 16 N Page 423	UK 35 N Page 423
Isolator bridge bar, in conjunction with isolator bridge								
ISSBI 10-5	3026256	■	■					
ISSBI 10-6	0301505			■				
ISSBI 10-8	0301534				■			
ISSBI 10-10	0301521					■		
Isolator bridge, in conjunction with isolator bridge bar								
IS-K 2,5	3026243	■	■					
IS-K 4	1302338			■				
IS-K 10	1303337				■	■		
Cross connection bar, in conjunction with distance piece								
FB 150	0201595	■	■	■				
Distance piece, in connection with cross connection bar								
ZS-6	0201605							
ZSR	2303608	■	■	■				
L-bridge, 10-pos.								
LB 10-6 GY	0202358			■				
LB 10-6 BU	0202280			■				
L-bridge, 100-pos.								
LB 100-6 GY	0202345			■				
LB 100-6 BU	0202303			■				
Chain bridge								
KB 6	0201472			■				
KB 8	0202206				■			
KB 10	0203205					■		
KB 15	0204259							■

ISSBI ... isolator bridge bar



FB ... cross connection bar

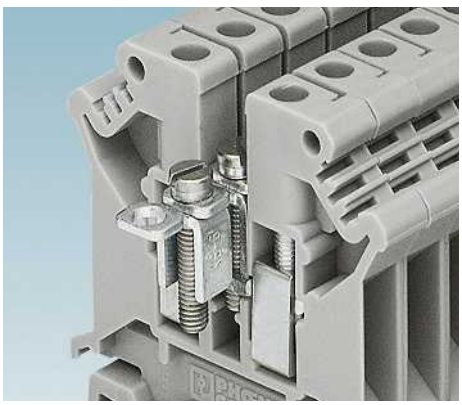


LB ... L-bridge



UK 3-TWIN	UK 5-TWIN	UK 10-TWIN	UDK 3	UDK 4	UKK 3	UKKB 3	UKK 5	UKKB 5	UKKB 10
Page 428	Page 429	Page 429	Page 432	Page 433	Page 434	Page 434	Page 435	Page 435	Page 436

KB ... chain bridge



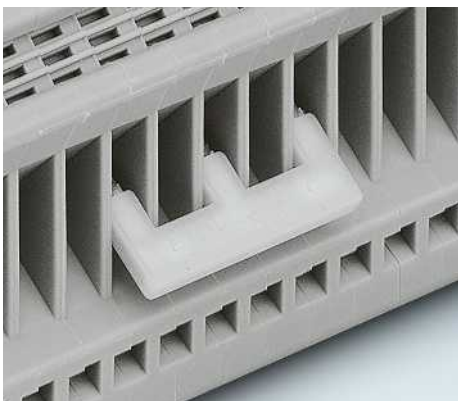
Bridge cross-reference list

Type	Order No.	UK 2,5 N Page 421	UK 3 N Page 421	UK 5 N Page 421	UK 6 N Page 422	UK 10 N Page 423	UK 16 N Page 423	UK 35 N Page 423
Bridge bar across two terminal blocks								
USBR 2-7	2303239	■	■	■				
SB 2-8/13	0202235				■			
SB 2-10/15	0203234					■	■	
Bridge bar for bridged terminal block groups								
USBRJ 2-7	2305538	■	■	■				
SBJ 2-8/13	0303286				■			
SBJ 2-10/15	0302287					■	■	
Star-delta bridge								
EB 3-6/ST	5020807			■				
EB 6-6/DR	5020255			■				
EB 3-8/ST	5020810				■			
EB 3-8/DR	5020768				■			
EB 3-10/ST	5020823					■		
EB 6-10/DR	5020771					■		
Step bracket								
STL 10N/5N	0204110			■		■		
Short-circuit plug								
KSS 5	2303543		■					
KSS 6	0301547			■				
KSS 3-6	0309523			■				
KSS 8	0311540				■			
KSS 10	0310541					■		

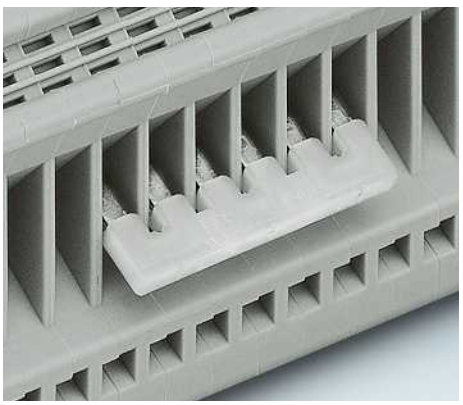
USBR ..., SB ... bridge bar



EB .../ST star bridge

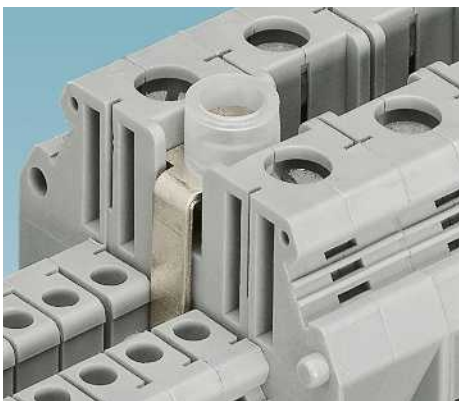


EB .../DR delta bridge

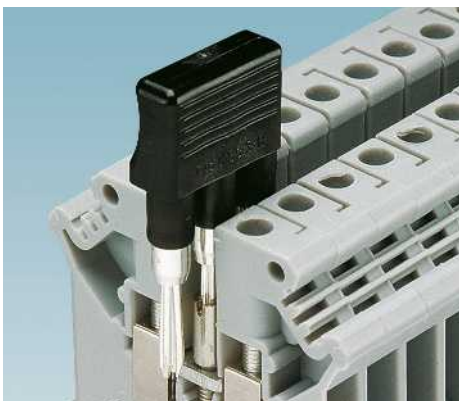


UK 3-TWIN	UK 5-TWIN	UK 10-TWIN	UDK 3	UDK 4	UKK 3	UKKB 3	UKK 5	UKKB 5	UKKB 10
Page 428	Page 429	Page 429	Page 432	Page 433	Page 434	Page 434	Page 435	Page 435	Page 436

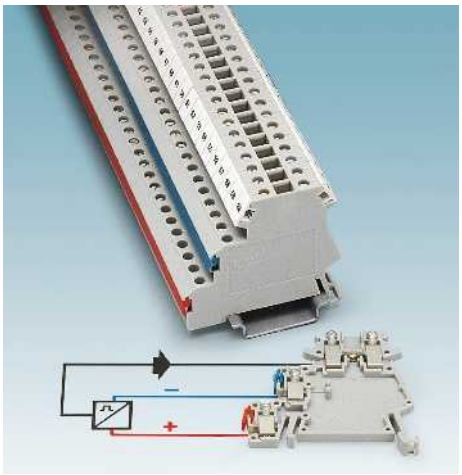
STL ... step bracket



KSS ... short-circuit plug



DIK 1,5 ... and DIKD 1,5 three-level and three-conductor initiator terminal blocks



In order to reduce wiring effort, conductors of initiators and actuators are wired in junction boxes. The positive and negative connections are combined so that all that remains is to install the signal lines and a conductor pair for the power supply between the junction box and controller.

DIK 1,5

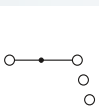
– The feed-through connections for the signal line, which can be marked, are in the top level
– The two bottom terminal points supply the initiator with potential
– The lower terminal points can be bridged using a divisible insertion bridge

DIKD 1,5

– The positive and negative potential can be fed into the insertion bridges via this power terminal block
– The first initiator can also be connected to this three-conductor feed-through terminal block

DIKD 1,5-PV

– Space-saving potential distributor terminal block
– Bridgeable upper level makes potential distribution over more than 6 terminal points possible
– The potential distributor terminal block is available with a gray, blue or black insulating housing for clear potential demarcation





2.5 (4) mm², 26 A, three-conductor initiator terminal block

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		6.2	**55**	**54.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		26	**250**	**0.2 - 4** / **30-14**
		IEC 60947-7-1		
Rated data		IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	250	300	300 / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	15 / - / -
Rated cross section	[mm²]	2.5	-	- / -
Cross section range	AWG	24 - 12	30-14	28-14 / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1	0.25 - 1 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1
Max. cross section with insertion bridge	[mm²]	4	2.5	- / -
General data				
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.6		
Insulating material		PA		
Flammability rating according to UL 94		V2		

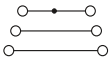
Ordering data

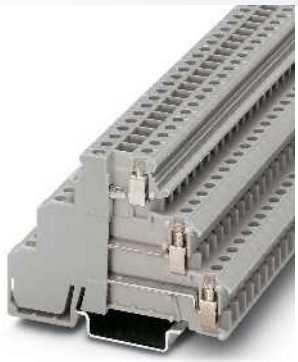
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...		gray	**DIK 1,5**		2715966	50
		blue	**DIK 1,5 BU**		2716059	50
Terminal block, with three through contacts, for mounting on NS 35...		gray				
		blue				
Terminal block, with through contacts in the upper and middle levels, for mounting on NS 35...		gray				
Terminal block, with equipotential bonder, for mounting on NS 35...		gray				
		blue				
		black				

Accessories

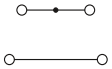
Fixed bridge, isolated						
	10	silver	**FBI 10- 6**	24 A	0203250	10
Insertion bridge, for middle and lower levels						
	10	blue	**EB 10- DIK BU**	24 A	2716680	10
	10	red	**EB 10- DIK RD**	24 A	2716774	10
	10	gray	**EB 10- DIK GY**	24 A	2715937	10
	80	blue	**EB 80- DIK BU**	24 A	2715940	1
	80	red	**EB 80- DIK RD**	24 A	2715953	1
	80	white	**EB 80- DIK WH**	24 A	2715788	1
Partition plate, 2 mm width		gray	**ATP-DIK 1,5**		1413272	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10

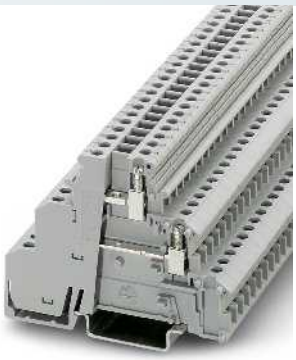
Marker strips, for middle and lower level	**SK 6,2/3,8 (see Catalog 3)**
Marking for upper level	**ZB 6 (see Catalog 3)**



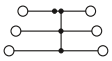


2.5 (4) mm², 30 A, three-level terminal block





2.5 (4) mm², 30 A, three-level terminal block with two feed-through levels





2.5 (4) mm², 32 A, three-level terminal block, internally connected levels

Technical data

Width	Length	Height NS 35/7,5	
6.2	**72.5**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**250**	**0.2 - 4**	**30-14**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DIKD 1,5		**2715979**	50
DIKD 1,5 BU		**2716101**	50

Accessories

FBI 10- 6	24 A	**0203250**	10
EB 10- DIK BU	24 A	**2716680**	10
EB 10- DIK RD	24 A	**2716774**	10
EB 10- DIK GY	24 A	**2715937**	10
EB 80- DIK BU	24 A	**2715940**	1
EB 80- DIK RD	24 A	**2715953**	1
EB 80- DIK WH	24 A	**2715788**	1
ATP-DIKD 1,5		**1413285**	50
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**72.5**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**250**	**0.2 - 4**	**30-14**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	-	-
24 / 2.5	15 / -	-	-
2.5	-	-	-
24 - 12	30-14	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DIKD 1,5-2D		**2716512**	50

Accessories

FBI 10- 6	24 A	**0203250**	10
EB 10- DIK BU	24 A	**2716680**	10
EB 10- DIK RD	24 A	**2716774**	10
EB 10- DIK GY	24 A	**2715937**	10
EB 80- DIK BU	24 A	**2715940**	1
EB 80- DIK RD	24 A	**2715953**	1
EB 80- DIK WH	24 A	**2715788**	1
ATP-DIKD 1,5		**1413285**	50
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**72.5**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**250**	**0.2 - 4**	**30-14**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DIKD 1,5-PV		**2715092**	50
DIKD 1,5-PV BU		**2715584**	50
DIKD 1,5-PV BK		**2715571**	50

Accessories

FBI 10- 6	24 A	**0203250**	10
EB 10- DIK BU	24 A	**2716680**	10
EB 10- DIK RD	24 A	**2716774**	10
EB 10- DIK GY	24 A	**2715937**	10
EB 80- DIK BU	24 A	**2715940**	1
EB 80- DIK RD	24 A	**2715953**	1
EB 80- DIK WH	24 A	**2715788**	1
ATP-DIKD 1,5		**1413285**	50
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

DIK 1,5 ... three-level and three-conductor initiator terminal blocks with LED display

– Terminal blocks with LED displays in red and green are available for optical identification of the initiator and actuator wiring

Notes:
1) Current and voltage are determined by the plug used.
2) Light indicator: Voltage 15–30 V DC, current 1–2.5 mA.
3) The corresponding accessory is documented, see page 472.





2.5 (4) mm², 26 A, three-conductor terminal block with LED display





2.5 (4) mm², 26 A, three-conductor terminal block with LED display

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**55**	**54.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		26	**24**	**0.2 - 4**	**30-14**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	24	300	300	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	15 / -	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 12	30-14	28-14	-
Disconnect level rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Nominal current / cross section	[A] / [mm²]	-	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1	0.25 - 1	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
Max. cross section with insertion bridge	[mm²]	4	2.5	-	-
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**55**	**54.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		26	**24**	**0.2 - 4**	**30-14**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	24	300	300	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	15 / -	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 12	30-14	28-14	-
Disconnect level rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Nominal current / cross section	[A] / [mm²]	-	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1	0.25 - 1	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
Max. cross section with insertion bridge	[mm²]	4	2.5	-	-
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, with a red LED between the upper and middle level, for mounting on NS 35...2)		gray	**DIK 1,5-LA 24RD/O-M**		2715856	50
Green LED		gray	**DIK 1,5-LA 24GN/O-M**		2715762	50
Terminal block, with a red LED between the upper and lower level, for mounting on NS 35...2)		gray				
Green LED		gray				
Terminal block, with three through contacts and a red LED between the upper and middle level, for mounting on NS 35...2)		gray				
Green LED		gray				
Terminal block, with three through contacts and a red LED between the upper and lower level, for mounting on NS 35...2)		gray				
Green LED		gray				
Basic terminal block, for mounting on NS 35...3)		gray				

Ordering data

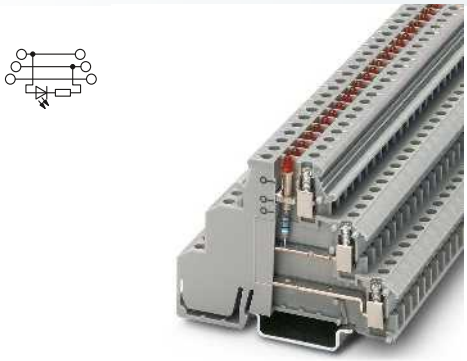
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
DIK 1,5-LA 24RD/U-O					2715995	50
DIK 1,5-LA 24GN/U-O					2715733	50

Accessories

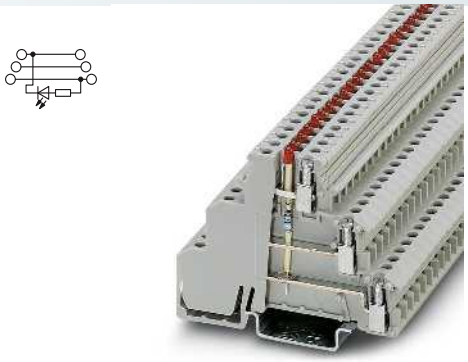
Insertion bridge, for middle and lower levels						
	80	blue	**EB 80- DIK BU**	24 A	2715940	1
	80	red	**EB 80- DIK RD**	24 A	2715953	1
	80	white	**EB 80- DIK WH**	24 A	2715788	1
Partition plate, 2 mm width		gray	**ATP-DIK 1,5**		1413272	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Marker strips, for middle and lower level			**SK 6,2/3,8 (see Catalog 3)**			
Marking for upper level			**ZB 6 (see Catalog 3)**			

Accessories

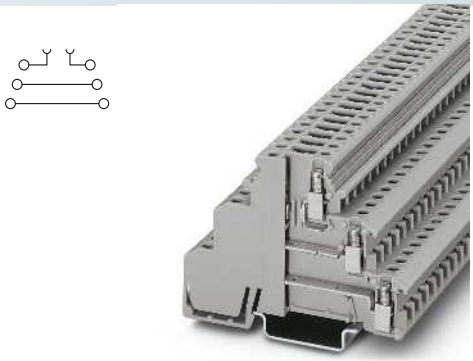
			EB 80- DIK BU	24 A	2715940	1
			EB 80- DIK RD	24 A	2715953	1
			EB 80- DIK WH	24 A	2715788	1
			ATP-DIK 1,5		1413272	50
			SF-SL 0,6X3,5-100 S-VDE		1212587	10
			SK 6,2/3,8 (see Catalog 3)			
			ZB 6 (see Catalog 3)			



2.5 (4) mm², 30 A, three-level terminal block with LED display



2.5 (4) mm², 30 A, three-level terminal block with LED display



2.5 (4) mm², 15 A, three-level terminal block with disconnect zone

Technical data

Width	Length	Height NS 35/7,5	
6.2	**72.5**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**250**	**0.2 - 4**	**30-14**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DIKD 1,5-LA 24RD/O-M		2715814	50
DIKD 1,5-LA 24GN/O-M		2716376	50

Accessories

EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**72.5**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**250**	**0.2 - 4**	**30-14**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DIKD 1,5-LA 24RD/U-O		2716279	50
DIKD 1,5-LA 24GN/U-O		2716402	50

Accessories

EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**72.5**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
15[1])	**250[1])**	**0.2 - 4**	**30-14**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250[1])	300	300	-
15[1]) / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
15[1]) / 2.5	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DIKD 1,5-TG		2774237	50

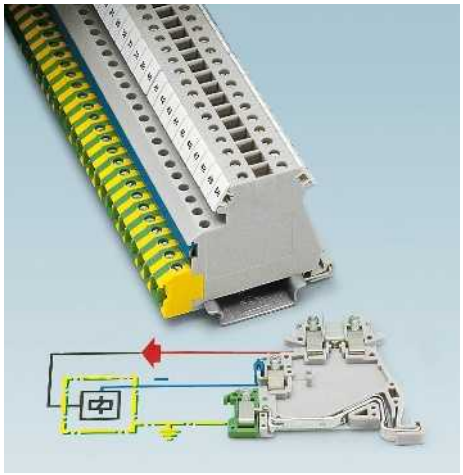
Accessories

EB 80- DIK BU	24 A	2715940	1
EB 80- DIK RD	24 A	2715953	1
EB 80- DIK WH	24 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

DOK 1,5... three-level and three-conductor actuator terminal blocks with PE foot



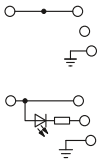
- Same shape as the three-level DIK ... initiator terminal blocks
- The feed-through connections for the signal line, which can be marked, are in the top level
- The middle level supplies the connected actuators with voltage
- Unlike the DIK terminal blocks, the lower level of these output terminal blocks makes direct contact with the DIN rail and as a PE connection they are marked green-yellow
- Convenient bridging of up to 80 terminal blocks with divisible insertion bridges
- The forks of the insertion bridge can be easily loosened for jumping bridging
- Alternate wiring of an actuator followed by an initiator is easy
- Because the spine of the insertion bridge can be snapped into place with the terminal block housing, all the terminal points can be wired freely and the bridge can be securely positioned
- Terminal blocks with light indicators in red and green are available for optical identification of the initiator and actuator wiring
- The component terminal block DOKD 1,5-TG can accommodate the fuse connector or the isolating plug

Notes:

1) Current and voltage are determined by the plug used.

2) Light indicator: Voltage 15–30 V DC, current 1–2.5 mA.

3) The corresponding accessory is documented, see page 472.





2.5 (4) mm², 26 A, three-conductor actuator terminal block with PE foot

Technical data

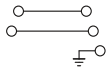
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		6.2	**61.5**	**54.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		26	**250**	**0.2 - 4** / **30-14**
		IEC 60947-7-1/IEC 60947-7-2		
Rated data		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	250	300	300 / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	15 / - / -
Rated cross section	[mm²]	2.5	-	- / -
Cross section range	AWG	24 - 12	30-14	28-14 / -
Disconnect level rated data		IEC	UL / CUL	CSA / IEC/EN 60079-7
Nominal current / cross section	[A] / [mm²]	-	-	- / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1	0.25 - 1 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1
Max. cross section with insertion bridge	[mm²]	4	2.5	- / -
General data				
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.6		
Insulating material		PA		
Flammability rating according to UL 94		V2		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...		gray	**DOK 1,5**		2717016	50
Terminal block, with **red (RD)** LED between the upper and middle levels, for mounting on NS 35...2)		gray	**DOK 1,5-LA 24RD/O-M**		2717029	50
Terminal block, with **green (GN)** LED between the upper and middle levels, for mounting on NS 35...2)		gray	**DOK 1,5-LA 24GN/O-M**		2717074	50
Terminal block, with through contacts in the upper and lower levels, for mounting on NS 35...		gray				
Basic terminal block, for mounting on NS 35...3)		gray				

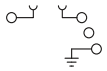
Accessories

Insertion bridge, for middle and lower levels, fully insulated						
	10	gray	**EB 10- DIK GY**	26 A	2715937	10
	10	red	**EB 10- DIK RD**	26 A	2716774	10
	10	blue	**EB 10- DIK BU**	26 A	2716680	10
	80	blue	**EB 80- DIK BU**	26 A	2715940	1
	80	red	**EB 80- DIK RD**	26 A	2715953	1
	80	white	**EB 80- DIK WH**	26 A	2715788	1
Fixed bridge, isolated						
	10	silver	**FBI 10- 6**	26 A	0203250	10
Partition plate, 2 mm width		gray	**ATP-DIK 1,5**		1413272	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Marker strips,for middle and lower level			**SK 6,2/3,8 (see Catalog 3)**			
Labeling for upper level			**ZB 6 (see Catalog 3)**			



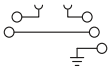


2.5 (4) mm², 26 A, three-level terminal block with PE foot





2.5 (4) mm², 16 A, three-conductor actuator terminal block with disconnect zone and PE foot





2.5 (4) mm², 26 A, three-level terminal block with disconnect zone and PE foot

Technical data

Width	Length	Height NS 35/7,5	
6.2	**62.5**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**250**	**0.2 - 4**	**30-14**
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DOK 1,5-2D		2717139	50

Accessories

EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**61**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16[1])	**250[1])**	**0.2 - 4**	**30-14**
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250[1])	300	300	-
16[1]) / 1.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
16[1])	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DOK 1,5-TG		2717113	50

Accessories

EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
ATP-DIK 1,5		1413272	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**63**	**54.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26[1])	**250[1])**	**0.2 - 4**	**30-14**
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250[1])	300	300	-
24[1]) / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
16[1])	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DOKD 1,5-TG		3011054	50

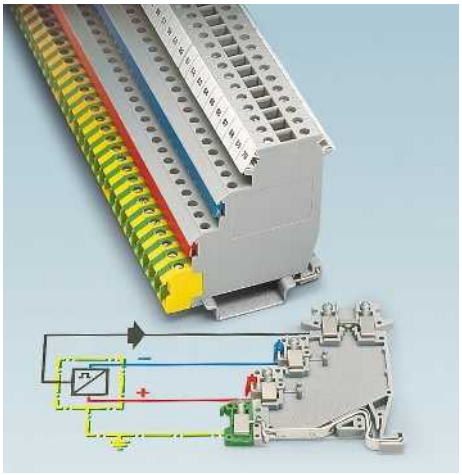
Accessories

EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
ATP-DIKD 1,5		1413285	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

VIOK 1,5... four-conductor initiator and actuator terminal blocks



VIOK 1,5

– This terminal block is a combination of a DIK ... and DOK ... terminal block where just one terminal block can be used for initiators and actuators
– The feed-through connections for the signal line, which can be marked, are in the top level
– The two middle terminal points supply potential to the initiator
– The PE connection is on the lower level

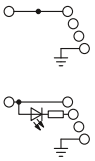
VIOK 1,5-2D

– This terminal block has two feed-through levels and two busbar levels
– It is used for programmable or self-monitoring initiators which are additionally controlled via the second feed-through level

VIOK 1,5-D/TG/D/PE

– Here a plug division is integrated in the second level from above. Therefore, the positive potential of the initiator can be transmitted via a fuse plug or – for maintenance and test purposes – via an isolating plug

Notes:
1) Current and voltage are determined by the plug used.
2) When using EB insertion bridges, the nominal voltage is reduced to 250 V.
3) The corresponding accessory is documented, see page 472.





2.5 (4) mm², 26 A, four-conductor actuator terminal block with PE foot

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		6.2	**62.5**	**70**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		26	**250**	**0.2 - 4** / **30-14**
		IEC 60947-7-1/IEC 60947-7-2		
Rated data		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	250	300	300 / -
Nominal current / cross section	[A] / [mm²]	24 / 2.5	15 / -	15 / - / -
Rated cross section	[mm²]	2.5	-	- / -
Cross section range	AWG	24 - 12	30-14	28-14 / -
Disconnect level rated data		IEC	UL / CUL	CSA / IEC/EN 60079-7
Nominal current / cross section	[A] / [mm²]	-	-	- / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1	0.25 - 1 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1
Max. cross section with insertion bridge	[mm²]	4	2.5	- / -
General data				
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.6		
Insulating material		PA		
Flammability rating according to UL 94		V2		

Ordering data

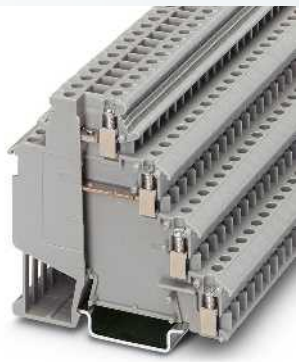
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...		gray	**VIOK 1,5**		2718015	50
Terminal block, with **red (RD)** LED between the upper level and the level below it, for mounting on NS 35...		gray	**VIOK 1,5-LA 24RD/O-MO**		2718028	50
Terminal block, with **green (GN)** LED between the upper level and the level below it, for mounting on NS 35...		gray	**VIOK 1,5-LA 24GN/O-MO**		2718112	50
Terminal block, with two through contacts, for mounting on NS 35...		gray				
Terminal block, with three through contacts, for mounting on NS 35...		gray				
Basic terminal block, with two through contacts, for mounting on NS 35...3)		gray				

Accessories

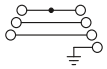
Insertion bridge, for middle and lower levels, fully insulated						
	10	gray	**EB 10- DIK GY**	26 A	2715937	10
	10	red	**EB 10- DIK RD**	26 A	2716774	10
	10	blue	**EB 10- DIK BU**	26 A	2716680	10
	80	blue	**EB 80- DIK BU**	26 A	2715940	1
	80	red	**EB 80- DIK RD**	26 A	2715953	1
	80	white	**EB 80- DIK WH**	26 A	2715788	1
Fixed bridge, isolated						
	10	silver	**FBI 10- 6**	26 A	0203250	10
Partition plate, 2 mm width		gray	**ATP-DIK 1,5**		1413272	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10

Marker strips,for middle and lower level	**SK 6,2/3,8 (see Catalog 3)**
Marking for middle level	
Marking for upper level	**ZB 6 (see Catalog 3)**





2.5 (4) mm², 26 A, four-conductor terminal block, both upper levels as feed-through levels





2.5 (4) mm², 26 A, four-level terminal block with PE foot





2.5 (4) mm², 24 A, four-level terminal block with PE foot, disconnect zone in third level

Technical data

Width	Length	Height NS 35/7,5	
6.2	**73**	**70**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**250**	**0.2 - 4**	**30-14**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
VIOK 1,5-2D		**2718196**	50

Accessories

EB 10- DIK GY	26 A	**2715937**	10
EB 10- DIK RD	26 A	**2716774**	10
EB 10- DIK BU	26 A	**2716680**	10
EB 80- DIK BU	26 A	**2715940**	1
EB 80- DIK RD	26 A	**2715953**	1
EB 80- DIK WH	26 A	**2715788**	1
FBI 10- 6	26 A	**0203250**	10
ATP-DIKD 1,5		**1413285**	50
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**82.5**	**70**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**400[2])**	**0.2 - 4**	**30-14**
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400[2])	300	300	-
24 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
VIOK 1,5-3D/PE		**2718206**	50

Accessories

EB 10- DIK GY	26 A	**2715937**	10
EB 10- DIK RD	26 A	**2716774**	10
EB 10- DIK BU	26 A	**2716680**	10
EB 80- DIK BU	26 A	**2715940**	1
EB 80- DIK RD	26 A	**2715953**	1
EB 80- DIK WH	26 A	**2715788**	1
FBI 10- 6	26 A	**0203250**	10
ATP-DIK 1,5		**1413272**	50
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

SK 6,2/3,8 (see Catalog 3)

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**91.5**	**70**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24[1])	**250[1])**	**0.2 - 4**	**30-14**
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250[1])	300	300	-
24[1]) / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-14	-
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
16 / 1.5	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
VIOK 1,5-D/TG/D/PE		**3011067**	50

Accessories

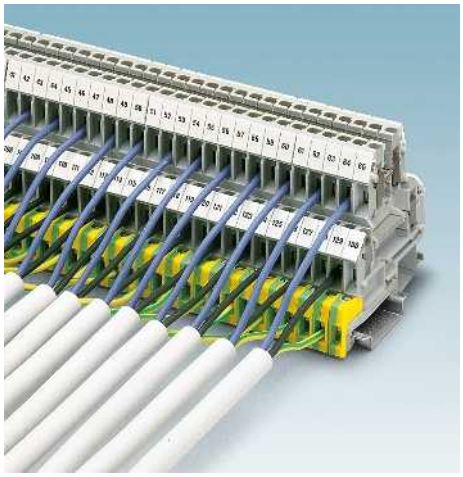
EB 10- DIK GY	26 A	**2715937**	10
EB 10- DIK RD	26 A	**2716774**	10
EB 10- DIK BU	26 A	**2716680**	10
EB 80- DIK BU	26 A	**2715940**	1
EB 80- DIK RD	26 A	**2715953**	1
EB 80- DIK WH	26 A	**2715788**	1
ATP-DIKD 1,5		**1413285**	50
SF-SL 0,6X3,5-100 S-VDE		**1212587**	10

SK 6,2/3,8 (see Catalog 3)

ZBF 6 (see Catalog 3)

ZB 6 (see Catalog 3)

SLKK ... and DLK ... three and four-level terminal blocks with PE foot



SLKK 5... three-level terminal blocks

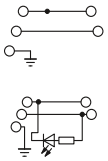
– With two laterally offset feed-through levels and ground connection to the DIN rail which acts as a grounding busbar
– This allows space-saving and systematic wiring of 3-wire conductors
– This is of advantage for controllers with external actuators, solenoid valves and limit switches
– The SLKK 5-LA...U-O with integrated light indicator optically indicates the voltage condition of the lower feed-through level
– The FBI 10-6 fixed bridge is used on the upper level to connect the return lines for the light indicators and the external loads to form a common busbar

DLK ... four-level terminal blocks

– The three-conductor terminal blocks DLK 2,5-PE and DLKB 2,5-PE are particularly suited to wiring three-phase current consumers due to their structure with three feed-through levels plus a PE connection
– To reduce the amount of wire used, the DLKB 2,5-PE can also be bridged in the middle and lower levels using the insertion bridges EB...DIK with up to 80 positions

Notes:

[1]) The voltage is determined by the light indicator (only for SLKK 5-LA...)





4 (4) mm², 30 A, three-level terminal block with PE foot

Technical data

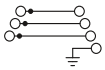
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		6.2	**66.5**	**69.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30	**500[1])**	**0.2 - 4** / **26-10**
Rated data		IEC 60947-7-1/IEC 60947-7-2		
		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	500[1])	600	300 / -
Nominal current / cross section	[A] / [mm²]	30 / 4	30 / -	25 / -
Rated cross section	[mm²]	4	-	- / -
Cross section range	AWG	24 - 10	26-10	28-12 / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	4	2.5	- / -
General data				
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

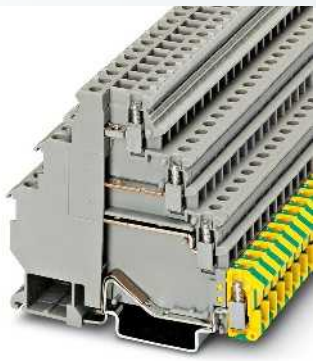
Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Double-level terminal block, with protective conductor foot, for mounting on NS 35...		gray	**SLKK 5**		0461018	50
Double-level terminal block, with protective conductor foot, for mounting on NS 35..., with LED display for 15–30 V AC/DC		gray	**SLKK 5-LA 24 RD/U-O**		0461021	50
With LED display for 30-60 V AC/DC		gray	**SLKK 5-LA 60 RD/U-O**		0461034	50
With LED display for 110-230 V AC/DC		gray	**SLKK 5-LA230**		0461047	50
Four-conductor terminal block, for mounting on NS 35...		gray				

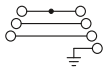
Accessories

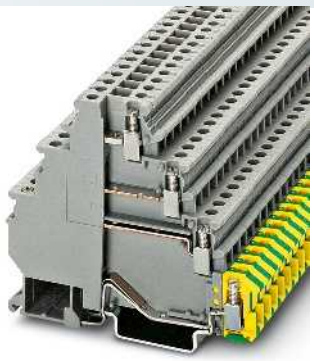
Cover, width 2.5 mm		gray	**D-UKK 3/5**		2770024	50
Spacer cover, compensates for level offset if standard terminal blocks are to be fitted adjacently, 2.5 mm thick		gray	**DG-UKK 3/5**		2770817	50
Insertion bridge, for middle and lower levels, fully insulated						
	10	gray				
	10	red				
	10	blue				
	80	blue				
	80	red				
	80	white				
Insertion bridge, insulated						
	2	gray	**EB 2- 6**	26 A	0201155	100
	3	gray	**EB 3- 6**	26 A	0201142	100
	10	gray	**EB 10- 6**	26 A	0201139	10
Fixed bridge, isolated						
	10	silver	**FBI 10- 6**	32 A	0203250	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 6 (see Catalog 3)**			



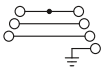


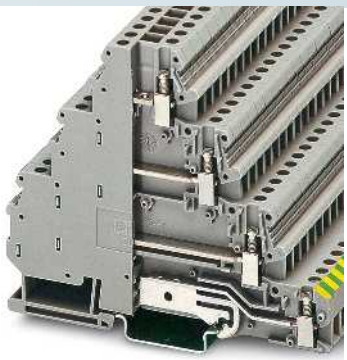
2.5 (4) mm², 24 A, four-level terminal block with PE foot





2.5 (4) mm², 24 A, four-level terminal block with PE foot





4 (6) mm², 34 A, four-level terminal block with PE foot

Technical data

Width	Length	Height NS 35/7,5	
6.2	**83.5**	**70**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**400**	**0.2 - 4**	**30-14**
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
19 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-12	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
4	2.5	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DLKB 2,5-PE		3011038	50

Accessories

EB 10- DIK GY	26 A	2715937	10
EB 10- DIK RD	26 A	2716774	10
EB 10- DIK BU	26 A	2716680	10
EB 80- DIK BU	26 A	2715940	1
EB 80- DIK RD	26 A	2715953	1
EB 80- DIK WH	26 A	2715788	1
FBI 10- 6	26 A	0203250	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**83**	**70**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**400**	**0.2 - 4**	**30-14**
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
19 / 2.5	15 / -	15 / -	-
2.5	-	-	-
24 - 12	30-14	28-12	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
0.2 - 1	0.2 - 1	0.25 - 1	-
-	-	-	0.5 - 1
-	-	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DLK 2,5-PE		3011041	50

Accessories

FBI 10- 6	26 A	0203250	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**103.5**	**86.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
34	**400**	**0.2 - 6**	**30-10**
IEC 60947-7-1/IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	600	-	-
32 / 4	30 / -	-	-
4	-	-	-
24 - 10	30-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 4
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
-	-	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
DLK 4-PE		3011999	50

Accessories

FBI 10- 6	30 A	0203250	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)

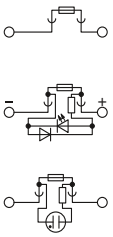
UK ...–HESI...N fuse/lever-type disconnect terminal blocks

– Compact, space-saving design
– Universal disconnect zone

Notes:

1) If the fuse is faulty, the downstream circuit is not off load.

2) The current is determined by the fuse used, the voltage by the LED display. Observe max. power dissipation.





4 (6) mm², 6.3 A, lever-type fuse terminal block, for 5 x 20 mm cartridge fuses

Technical data

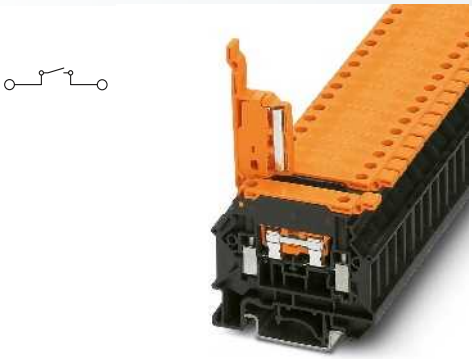
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**8.2**	**58**	**50**
Dimensions		Width	Length	Height NS 32
	[mm]	**8.2**	**58**	**55**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		6.3²)	**500²)**	**0.2 - 6 / 26-10**
Rated data		IEC 60947-7-3 IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	500²)	600	-
Nominal current / cross section	[A] / [mm²]	6.3²) / 1.5	16	-
Rated cross section	[mm²]	4	-	-
Cross section range	AWG	24 - 10	26-10	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 2.5
Max. cross section with insertion bridge	[mm²]	4	4	- / -
General data				
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

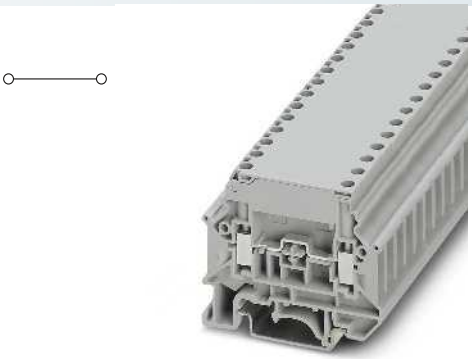
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 35..., for 5 x 20 cartridge fuse inserts		black	**UK 5-HESI N**		3000539	50
With LED display for 12 – 30 V AC/DC, 0.7 – 1.95 mA¹)		black	**UK 5-HESILED 24 N**		3000540	50
With LED display for 30 – 60 V AC/DC, 0.9 – 1.8 mA¹)		black	**UK 5-HESILED 60 N**		3000541	50
With LED display for 110–250 V AC/DC, 0.1–0.5 mA¹)		black	**UK 5-HESILA 250 N**		3000542	50
Lever-type disconnect terminal block, same shape as UK 5–HESI N		black/orange gray/orange				
Feed-through terminal block, for mounting on NS 35...		gray				

Accessories

Cover, width: 2.2 mm		black	**D-UK 5-HESI N**		3000543	50
Insertion bridge, divisible, fully insulated						
	2	gray	**EBS 2- 8**	14 A	3118151	100
	3	gray	**EBS 3- 8**	14 A	3118148	50
	10	gray	**EBS 10- 8**	14 A	3118135	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)**			



4 (6) mm², 16 A, lever-type disconnect terminal block, same shape



4 (6) mm², 32 A, feed-through terminal block, same shape

Technical data

Width	Length	Height NS 35/7,5	
8.2	**58**	**50**	
Width	Length	Height NS 32	
8.2	**58**	**55**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	**500**	**0.5 - 6**	**26-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	-	-
16 / 1.5	16	-	-
4	-	-	-
20 - 10	26-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 6	0.5 - 4	0.5 - 4	0.5 - 2.5
0.5 - 1.5	0.5 - 1.5	0.5 - 1.5	-
-	-	-	0.5 - 1.5
4	4	-	-
9			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 5-HEDI N		3000564	50
UK 5-HEDI N GY		3000752	50

Accessories

D-UK 5-HESI N		3000543	50
EBS 2- 8	14 A	3118151	100
EBS 3- 8	14 A	3118148	50
EBS 10- 8	14 A	3118135	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8.2	**58**	**40.3**	
Width	Length	Height NS 32	
8.2	**58**	**45.3**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**800**	**0.2 - 6**	**20-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	-
32 / 4	30 / -	-	-
4	-	-	-
24 - 10	20-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 5-MTD N		3000562	50

Accessories

D-UK 5-HESI N		3000543	50
EBS 2- 8	30 A	3118151	100
EBS 3- 8	30 A	3118148	50
EBS 10- 8	30 A	3118135	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

UKK ...-HESI lever-type fuse terminal blocks



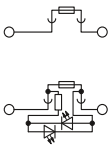
- Safety lever locked in end position
- Large area for marking
- For 5 mm and 6.3 mm cartridge fuse inserts
- Versions with LED display

Notes:

For further technical notes on power dissipation, refer to page 658.

1) If the fuse is faulty, the downstream circuit is not off load.

2) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.





4 (4) mm², 6.3 A, lever-type fuse terminal block for 5 x 20 mm cartridge fuses

Technical data

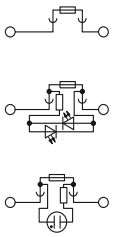
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**8.2**	**72.5**	**56.5**
Dimensions		Width	Length	Height NS 32
	[mm]	**8.2**	**72.5**	**61.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		6.3²)	**500²)**	**0.2 - 4 / 26-10**
Rated data		IEC 60947-7-3 IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	500²)	600	600 / -
Nominal current / cross section	[A] / [mm²]	6.3²) / 1	12 / -	6.3 / -
Rated cross section	[mm²]	4	-	- / -
Cross section range	AWG	24 - 12	26-10	28-10 / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4 / 0.25 - 4
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	4	4	- / -
General data				
Fuse type / dimensions	– / [mm]	G / 5 x 20 / 5 x 25 / 5 x 30		
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 5 x 25 and 5 x 30 mm		black	**UK 5-HESI**		3004100	50
With LED display for 12-30 V AC/DC		black	**UK 5-HESILED 24**		3004126	50
With LED display for 110-250 V AC/DC¹)		black	**UK 5-HESILA 250**		3004142	50
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 6.3 x 32 mm		black				
With LED display for 12-30 V AC/DC¹)		black				
With LED display for 110-250 V AC/DC¹)		black				

Accessories

Insertion bridge, divisible, fully insulated					
	2	gray	**EBS 2- 8**	32 A	3118151	100
	3	gray	**EBS 3- 8**	32 A	3118148	50
	10	gray	**EBS 10- 8**	32 A	3118135	10
Connection pin, for coupling several fuse terminal blocks, made of plastic, 1 m long		gray	**VS**		3004207	1
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 8 (see Catalog 3)**			
Lever marking						





16 (16) mm², 10 A, lever-type fuse terminal block for 6.3 x 32 mm cartridge fuses

Technical data

Width	Length	Height NS 35/7,5	
10.2	**79**	**60.5**	
Width	Length	Height NS 32	
10.2	**79**	**65.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10²)	**500²)**	**0.5 - 16**	**26-8**
IEC 60947-7-3			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500²)	600	600	-
10²) / 1.5	10 / -	25 / -	-
16	-	-	-
20 - 6	26-8	26-8	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 6
10	10	-	-

G / 6,3 x 32
12
M4
1.2 - 1.5
PA
V0

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 6,3-HESI		**3004171**	50
UK 6,3-HESILED 24		**3004265**	50
UK 6,3-HESILA 250		**3004249**	50

Accessories

EB 2-10	63 A	**0203153**	100
VS		**3004207**	1
SZS 1,0X4,0 VDE		**1205066**	10

ZB 10 (see Catalog 3)
ZB 8 (see Catalog 3)

UKK ...-HESI double-level terminal blocks with safety levers

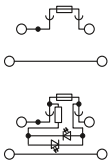
- Compact double-level fuse terminal block
- Safety levers and each terminal point can be individually labeled
- For 5 mm and 6.3 mm cartridge fuse inserts
- Versions with LED display

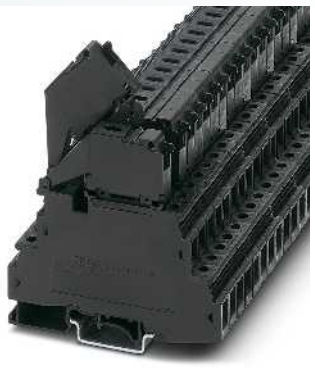
Notes:

For further technical notes on power dissipation, refer to page 658.

1) If the fuse is faulty, the downstream circuit is not off load.

2) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.





4 (4) mm², 32 A, double-level terminal block with fuse lever for 5 x 20 mm cartridge fuse

Technical data

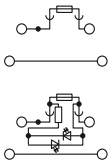
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**8.2**	**86.5**	**79**
Dimensions		Width	Length	Height NS 32
	[mm]	**8.2**	**86.5**	**84**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] AWG (UL)
		32²)	**400²)**	**0.2 - 4** **26-10**
Rated data lower level		IEC 60947-7-1 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	[V]	400²)	600	300 -
Nominal current / cross section	[A] / [mm²]	32²) / 4	30 / -	15 -
Rated cross section	[mm²]	4	-	- -
Cross section range	AWG	24 - 12	26-10	28-10 -
Rated data, upper level		IEC 60947-7-3 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	[V]	400²)	600	300 -
Nominal current / cross section	[A] / [mm²]	6.3²) / 1	15 / -	15 / - -
Rated cross section	[mm²]	4	-	- -
Cross section range	AWG	24 - 12	26-10	28-10 -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4 0.25 - 4
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- 0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	4	2.5	- -
General data				
Fuse type / dimensions	– / [mm]	G / 5 x 20		
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20 mm.		black	**UKK 5-HESI (5X20)**		3007204	50
With LED display for 15–30 V AC/DC, 0.98–2.4 mA¹)		black	**UKK 5-HESILED 24 (5X20)**		3026654	50
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 6.3 x 32 mm.		black				
With LED display for 12-30 V DC, 0.31-0.95 mA¹)		black				

Accessories

Fixed bridge, isolated	10	silver	**FBRI 10-8 N**	32 A	2772080	10
Insertion bridge, divisible, fully insulated	2	gray	**EBS 2- 8**	32 A	3118151	100
	3	gray	**EBS 3- 8**	32 A	3118148	50
	10	gray	**EBS 10- 8**	32 A	3118135	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 8 (see Catalog 3)**			
Lever marking			**ZBF 8 (see Catalog 3)**			





4 (4) mm², 32 A, double-level terminal block with fuse lever for 6.3 x 32 mm cartridge fuse

Technical data

Width	Length	Height NS 35/7,5	
8.2	**86.5**	**79**	
Width	Length	Height NS 32	
8.2	**86.5**	**84**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32[2])	**400[2])**	**0.2 - 4**	**26-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400[2])	600	300	-
32[2]) / 4	30 / -	15	-
4	-	-	-
24 - 12	26-10	28-10	-
IEC 60947-7-3			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400[2])	600	300	-
10[2]) / 1.5	15 / -	15	-
4	-	-	-
24 - 12	26-10	28-10	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 4
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
G / 6,3 x 32			
8			
M3			
0.5 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKK 5-HESI (6,3X32)		3007217	50
UKK 5-HESILED 24 (6,3X32)		0711632	50

Accessories

FBRI 10-8 N	32 A	2772080	10
EBS 2- 8	32 A	3118151	100
EBS 3- 8	32 A	3118148	50
EBS 10- 8	32 A	3118135	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 8 (see Catalog 3)
ZBF 8 (see Catalog 3)

UK 10-DREHSI fuse terminal blocks with screw cap

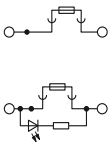
– Bridgeable with fixed bridge FBI ...
– Fuse terminal block with screw cap for 5 x 20, 5 x 25 or 6.3 x 32 mm fuse inserts
– Versions with LED display for indicating that a fuse has blown
– When selecting and using cartridge fuse terminal inserts, IEC 60127-6/ DIN EN 60127-6 should be observed
– UK 10-DREHSI/K is suitable for fuse inserts with indicator pins. The transparent screen on the screw cap allows the blown fuse to be quickly identified in these inserts.

Notes:

For further technical notes on power dissipation, refer to page 658.

1) If the fuse is faulty, the downstream circuit is not off load.

2) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.





16 (16) mm², 10 A, fuse terminal block for 5 x 20 mm cartridge fuses

Technical data

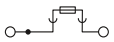
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**12**	**62**	**57.2**
Dimensions		Width	Length	Height NS 32
	[mm]	**12**	**62**	**62.2**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		10²)	**500²)**	**0.5 - 16 / 24-6**
Rated data		IEC 60947-7-3 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500²)	300	300 / -
Nominal current / cross section	[A] / [mm²]	10²) / 1.5	20 / -	20 / -
Rated cross section	[mm²]	16	-	- / -
Cross section range	AWG	20 - 6	24-6	22-6 / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.5 - 16	0.5 - 16	0.5 - 10 / 0.5 - 10
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 4 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 10
Max. cross section with insertion bridge	[mm²]	10	10	- / -
General data				
Fuse type / dimensions	– / [mm]	G / 5 x 20		
Stripping length	[mm]	11		
Screw thread		M4		
Tightening torque	[Nm]	1.5 - 1.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 5 x 25, 6.3 x 32 mm		black	**UK 10-DREHSI (5X20)**		3005109	50
.../K with indicator pin		black				
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 6.3 x 32 mm, with LED display for 5 – 15 V DC¹)		black	**UK 10-DREHSILED 12 (5X20)**		3005112	50
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 6.3 x 32 mm, with LED display for 15 – 30 V DC¹)		black	**UK 10-DREHSILED 24 (5X20)**		3005138	50
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 6.3 x 32 mm, with LED display for 30 – 60 V DC¹)		black	**UK 10-DREHSILED 60 (5X20)**		3005154	50
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 6.3 x 32 mm, with LED displaytor for 110 – 250 V DC¹)		black	**UK 10-DREHSILA 250 (5X20)**		3005170	50

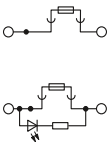
Accessories

Fixed bridge, isolated	10	silver	**FBI 10-12**	63 A	0203454	10
Insertion bridge, fully insulated	10	gray	**EB 10-12**	63 A	3006137	10
Test socket, for test connection with test plug PS		silver	**PSB 4/7/6**		0303299	10
Test socket, insulated, for UK 6 N, UK 10 N and URTK/SP and USST 10 terminal blocks, M4 thread		transparent	**PSBJ 4/15/6 FARBLOS**		0303419	10
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Lateral groove marking			**ZB 6 (see Catalog 3)**			





16 (16) mm², 10 A, fuse terminal block for 5 x 25 mm cartridge fuses with indicating pin





16 (16) mm², 10 A, fuse terminal block for 6.3 x 32 mm cartridge fuses

Technical data

Width	Length	Height NS 35/7,5	
12	**62**	**57.2**	
Width	Length	Height NS 32	
12	**62**	**62.2**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10[2])	**500[2])**	**0.5 - 16**	**24-6**
IEC 60947-7-3			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500[2])	300	-	-
10[2]) / 1.5	20 / -	-	-
16	-	-	-
20 - 6	24-6	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 10
10	10	-	-
G / 5 x 25			
11			
M4			
1.5 - 1.8			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 10-DREHSI/K (5X25)		**3005688**	50

Accessories

FBI 10-12	63 A	**0203454**	10
EB 10-12	63 A	**3006137**	10
PSB 4/7/6		**0303299**	10
PSBJ 4/15/6 FARBLOS		**0303419**	10
SZS 1,0X4,0 VDE		**1205066**	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
12	**62**	**57.2**	
Width	Length	Height NS 32	
12	**62**	**62.2**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10[2])	**400[2])**	**0.5 - 16**	**24-6**
IEC 60947-7-3			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400[2])	300	300	-
10[2]) / 1.5	20 / -	20 / -	-
16	-	-	-
20 - 6	24-6	22-6	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 16	0.5 - 10	0.5 - 10
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 10
10	10	-	-
G / 6,3 x 32			
11			
M4			
1.5 - 1.8			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 10-DREHSI (6,3X32)		**3005507**	50
UK 10-DREHSILED 24 (6,3X32)		**3005646**	50
UK 10-DREHSILA 250 (6,3X32)		**3005662**	50

Accessories

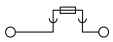
FBI 10-12	63 A	**0203454**	10
PSB 4/7/6		**0303299**	10
PSBJ 4/15/6 FARBLOS		**0303419**	10
SZS 1,0X4,0 VDE		**1205066**	10

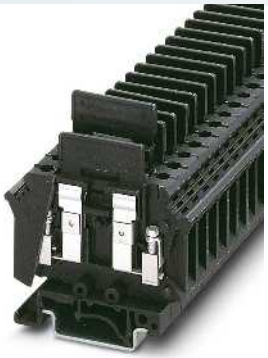
ZB 6 (see Catalog 3)

UK-SI and USIG fuse terminal blocks

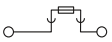
– In the case of the UK-SI fuse terminal block, the cartridge fuse-links are connected with the integrated connector in the terminal block

Notes:
1) If the fuse is faulty, the downstream circuit is not off load.
2) The current and voltage are determined by the fuse.
For further technical notes on power dissipation, refer to page 658.
Attention: The cartridge fuse holders should be selected according to the maximum power dissipation (self-heating) of the cartridge fuse inserts.
For more insertion bridges, visit phoenixcontact.net/products





4 (4) mm², 6.3 A, fuse terminal block for 5 x 20 mm and 5 x 25 mm cartridge fuses





16 (16) mm², 40 A, basic fuse terminal block for cartridge fuse connectors or isolating plugs

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**8.2**	**59.5**	**58**	
Dimensions	Width	Length	Height NS 32	
[mm]	**8.2**	**59.5**	**63**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	6.3²)	**400²)**	**0.2 - 4**	**28-12**
Rated data	IEC 60947-7-3 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	400²)	300	250	-
Nominal current / cross section [A] / [mm²]	6.3²) / 1	10 / -	10 / -	-
Rated cross section [mm²]	4	-	-	-
Cross section range AWG	24 - 12	28-12	24-14	-
Connection capacity	solid	stranded	ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 4
2 conductors (of the same type) [mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 2.5
General data				
Fuse type / dimensions – / [mm]	G / 5 x 20 / 5 x 25			
Stripping length [mm]	9			
Screw thread	M3			
Tightening torque [Nm]	0.6 - 0.8			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Technical data

Width	Length	Height NS 35/7,5		
10.2	**61**	**51.6**		
Width	Length	Height NS 32		
10.2	**61**	**56.6**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
40²)	**500²)**	**0.5 - 16**	**18-8**	
IEC 60947-7-3 IEC	UL / CUL	CSA	IEC/ EN 60079-7	
500²)	600	600	-	
10²) / 1.5	40 / -	40 / -	-	
16	-	-	-	
20 - 6	18-8	24-8	-	
solid	stranded	ferrule without/with plastic sleeve		
0.5 - 16	0.5 - 16	0.5 - 16	0.5 - 10	
0.5 - 4	0.5 - 6	0.5 - 6	-	
-	-	-	0.5 - 6	
G / 5 x 20 / 5 x 25 / 5 x 30 / 6.3 x 32				
13				
M4				
1.5 - 1.8				
PA				
V0				

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 32... or NS 35..., for cartridge fuse inserts 5 x 20, 5 x 25 mm		black	**UK-SI**		3118012	50
		blue	**UK-SI BU**		3118096	50
Basic fuse terminal block, for mounting on NS 32... or NS 35...		black				
		blue				

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
USIG		0920083	50
USIG BU		0920122	50

Accessories

Insertion bridge, insulated	10	gray	**EBS 10- 8**	32 A	3118135	10
Isolating plug						
Fuse connector, for G fuse inserts, 6.3 x 32 mm, nominal voltage 440 V		black				
Fuse connector, with light indicator, for cartridge fuse inserts 6.3 x 32 mm, nominal voltage 440 V¹) for 15 – 30 V AC/DC, 3.2 – 7.5 mA		black				
for 110 – 250 V AC/DC, 0.1 – 0.9 mA		black				
Fuse connector, for cartridge fuse inserts 5 x 20, 5 x 25, 5 x 30 mm		black				
Fuse connector, for G fuse inserts 5 x 20, 5 x 25, 5 x 30 mm, with light indicator for 15 – 30 V AC/DC, 3.2 – 7.5 mA, $I_{max.}$ 6,3 A¹)		black				
for 110 – 250 V AC/DC, 0.1 – 0.9 mA, $I_{max.}$ 6.3 A		black				
Insulation plate, 0.8 mm wide		gray				
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 8 (see Catalog 3)**			

Accessories

EB 10-10	76 A	0203137	10
ST-T	40 A	0920216	50
ST 1-SI	10 A	0920326	50
ST 1-SILED 24	10 A	0920384	50
ST 1-SILA 250	10 A	0920397	50
ST-SI	6.3 A	0920229	50
ST-SILED 24		0920452	50
ST-SILA250		0920287	50
ATS-GSK		0304227	50
SZS 1,0X4,0 VDE		1205066	10
ZB 10 (see Catalog 3)			

UK 6-FSI/C fuse terminal block, for type C flat-type fuses



- Compact fuse terminal block for type C automotive flat-type fuses
- Available with light indicator for rapid error diagnostics.
- Bridgeable with FBI ... fixed bridge
- Large marking option of every terminal point
- Can be used as the basic terminal block for thermal circuit breaker TCP.../DC32V; see Catalog 4
- Type F automotive flat-type fuse terminal blocks are also available in the "PT Push-in connection terminal blocks" section



Notes:

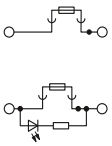
[1]) If the fuse is faulty, the downstream circuit is not off load.

[2]) For derating curve, visit phoenixcontact.net/products

[3]) The current and voltage are determined by the fuse.

For corresponding fuse inserts, see Catalog 4.

The recommended continuous load capacity of the fuse inserts according to DIN 72581/Part 3 is max. 80 percent of their nominal current (at an ambient temperature of 23 °C)





6 (10) mm², 30 A, fuse terminal block for type C flat-type fuses

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		8.2	**64**	**53.8**
Dimensions		Width	Length	Height NS 32
	[mm]	**8.2**	**64**	**58.8**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		30[2])	**250[3])**	**0.2 - 10** / **26-8**

Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	250[3])	300	32	-
Nominal current / cross section	[A] / [mm²]	30[1]) / 4	30 / -	30 / -	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	24 - 8	26-8	26-8	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 4
2 conductors (of the same type)	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 4
General data					
Fuse type / dimensions	– / [mm]	C			
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.6			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 32... or NS 35...		black	**UK 6-FSI/C**		3118203	50
Fuse terminal block, for mounting on NS 32... or NS 35..., with LED for 12 V DC, 1.7 mA[1])		black	**UK 6-FSI/C-LED12**		3001925	50
With light indicator for 24 V DC, 1.9 mA[1])		black	**UK 6-FSI/C-LED24**		3001938	50

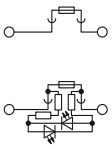
Accessories

Fixed bridge, isolated						
	10	silver	**FBI 10- 8**	34 A	0203263	10
Insertion bridge, fully insulated						
	2	gray	**EB 2- 8**	57 A	0202154	100
	3	gray	**EB 3- 8**	57 A	0202141	100
	4	gray	**EB 4- 8**	57 A	0202142	100
	10	gray	**EB 10- 8**	57 A	0202138	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**						
	10	silver	**ISSBI 10- 8**	38 A	0301534	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 10**		1303337	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Lateral groove marking			**ZB 8 (see Catalog 3)**			

UKK ...-HESI lever-type fuse terminal blocks

– The UK ...-HESI fuse terminal blocks are used to accommodate fuse inserts that are mainly used in the USA
– 56-pos. insertion bridges and insertion bridges for three phases are available
– LED display indicates that a fuse has blown
– When selecting and using cartridge fuse terminal blocks and inserts, IEC 60127-6/ DIN EN 60127-6 should be adhered to

Notes:
For detailed information on applications and power dissipation data, see phoenixcontact.net/products
1) If the fuse is faulty, the downstream circuit is not off load.
2) The current and voltage are determined by the fuse.





16 (25) mm², 32 A, lever-type fuse terminal block for 10.3 x 38 mm midget fuses

Technical data

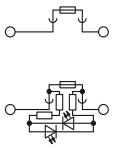
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		18	**81**	**65.5**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		32²)	**690²)**	**1.5 - 25** / **18-3**
Rated data		IEC 60947-1/-3 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	690²)	600	600 / -
Nominal current / cross section	[A] / [mm²]	32²) / 16	30 / -	30 / - / -
Rated cross section	[mm²]	16	-	- / -
Cross section range	AWG	16 - 4	18-3	18-3 / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	1.5 - 25	1.5 - 16	1.5 - 16 / 1.5 - 16
2 conductors (of the same type)	[mm²]	1.5 - 4	1.5 - 4	1.5 - 4 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 1.5 - 10
Max. cross section with insertion bridge	[mm²]	10	10	- / -
General data				
Fuse type / dimensions	– / [mm]	Midget / 10.3 x 38		
Stripping length	[mm]	12		
Screw thread		M5		
Tightening torque	[Nm]	2.5 - 3		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 35..., for 10.3 x 38 mm midget fuse inserts, 690 V AC/440 V DC		black	**UK 10,3-HESI N**		3048386	10
With LED display¹)		black	**UK 10,3-HESILED N 690**		3048399	10
Fuse terminal block, for mounting on NS 35..., for fuse inserts CLASS CC 10.3 x 38 mm		black				
		black				

Accessories

Insertion bridge, divisible, insulated spine						
1-phase	2	light gray	**EB 2-18**	76 A	3009300	50
1-phase	3	light gray	**EB 3-18**	76 A	3009305	50
1-phase	56	gray	**EB 56-18**	76 A	3009299	5
3-phase	56	gray	**EB 56-18/L1-L2-L3**	76 A	3009367	1
Partition plate, 2 mm wide		gray	**TPN-UK**		3003062	10
Connection pin, for connecting several fuse terminal blocks, 2-pos.		black	**VS-UK 10,3-HESI N 2POL**		3048532	10
3-pos.		black	**VS-UK 10,3-HESI N 3POL**		3048409	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Center groove marking			**ZBF 10 (see Catalog 3)**			





25 (25) mm², 30 A, lever-type fuse terminal block for CLASS CC 10.3 x 38 mm

Technical data

Width	Length	Height NS 35/7,5	
18	**81**	**65.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30²)	**600²)**	**1.5 - 25**	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
600²)	600	600	-
32²) / 25	30	30 / -	-
25	-	-	-
16 - 4	18-4	18-4	-

solid	stranded	ferrule without/with plastic sleeve	
1.5 - 25	1.5 - 25	1.5 - 16	1.5 - 16
1.5 - 4	1.5 - 4	1.5 - 4	-
-	-	-	1.5 - 10
10	10	-	-

Class CC
12
M5
2.5 - 3
PA
V0

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 10,3-CC HESI N		3048580	10
UK 10,3-CC HESILED N 600		3048616	10

Accessories

EB 2-18	76 A	3009300	50
EB 3-18	76 A	3009305	50
EB 56-18	76 A	3009299	5
EB 56-18/L1-L2-L3	76 A	3009367	1
TPN-UK		3003062	10
VS-UK 10,3-HESI N 2POL		3048532	10
VS-UK 10,3-HESI N 3POL		3048409	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZBF 10 (see Catalog 3)

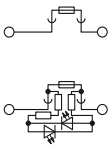
UK 10,3-HESI 1000V lever-type fuse terminal blocks for photovoltaics

- Terminal blocks for protecting PV lines
- Particularly suitable for protecting monocrystalline and polycrystalline modules
- Suitable for standard 10.3 x 38 mm fuse inserts with gPV characteristic
- Dielectric strength up to 1000 V DC
- LED display indicates that a fuse has blown
- The spacers are used for improved heat dissipation, particularly when installing the fuse terminal blocks in compact control boxes

Fuses

- Special fuses with ultra-rapid PV characteristic (gPV)
- Use in PV lines with a nominal voltage of up to 1000 V DC
- Safe shutdown even in the event of short-circuit currents that are just above the nominal current

Notes:
For tools for stripping and crimping solar cables and connectors, see Catalog 3.
Disconnect terminal blocks with 1000 V and diode terminal blocks STME ... HV see page 183.
For detailed information on PV applications and power dissipation data, see phoenixcontact.net/products
For further fuse inserts with UL approval, see phoenixcontact.net/products
[1]) If the fuse is faulty, the downstream circuit is not off load.
[2]) The current and voltage are determined by the fuse.





25 (25) mm², 30 A, 1000 V, lever-type fuse terminal block for midget fuses 10.3 x 38 mm

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	18	81	65.5	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30[2])	1000[2])	0.75 - 25	-
Rated data		IEC 60269-1/-2 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000[2])	1000	-	-
Nominal current / cross section	[A] / [mm²]	30[2]) / 16	30	-	-
Rated cross section	[mm²]	25	-	-	-
Cross section range	AWG	16 - 3	18-8	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 25	0.75 - 25	1.5 - 16	1.5 - 16
2 conductors (of the same type)	[mm²]	1.5 - 4	0.75 - 10	1.5 - 4	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 10
Max. cross section with insertion bridge	[mm²]	10	10	-	-
General data					
Fuse type / dimensions	– / [mm]	Midget / 10.3 x 38			
Stripping length	[mm]	11			
Screw thread		M5			
Tightening torque	[Nm]	2 - 2.5			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 35..., for Midget fuse inserts 10.3 x 38 mm[1])		black	**UK 10,3-HESI 1000V**		3211236	10
With LED display for 400 - 1000 V DC		black	**UK 10,3 HESILED 1000V**		3211249	10
Midget fuse, 10.3 x 38 mm, nominal current: 2 A		white				
Nominal current: 4 A		white				
Nominal current: 6 A		white				
Nominal current: 8 A		white				
Nominal current: 10 A		white				
Nominal current: 12 A		white				
Nominal current: 16 A		white				
Nominal current: 20 A		white				
Nominal current: 25 A		white				

Accessories

Insertion bridge, divisible, insulated spine						
1-phase	2	light gray	**EB 2-18**	76 A	3009300	50
1-phase	3	light gray	**EB 3-18**	76 A	3009305	50
1-phase	56	gray	**EB 56-18**	76 A	3009299	5
Spacer for neighboring fuse terminal block		white	**DP-UK 10,3-HESI**		3211238	100
Partition plate, 2 mm wide		gray	**TPN-UK**		3003062	10
Connection pin, for connecting several fuse terminal blocks, 2-pos.		black	**VS-UK 10,3-HESI N 2POL**		3048532	10
3-pos.		black	**VS-UK 10,3-HESI N 3POL**		3048409	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Center groove marking			**ZBF 16 (see Catalog 3)**			



10.3 x 38 mm midget fuse inserts, 2 A – 20 A

EAC

Technical data

Width	Length	Height NS 35/7,5	
-	**38**	-	
	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	1000	-	-

IEC 60269-6			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

-
-
-
-
-
V0

Ordering data

Type	Order No.	Pcs./Pkt.
FUSE 10,3X38 2A PV	3061295	10
FUSE 10,3X38 4A PV	3061305	10
FUSE 10,3X38 6A PV	3061318	10
FUSE 10,3X38 8A PV	3061321	10
FUSE 10,3X38 10A PV	3061334	10
FUSE 10,3X38 12A PV	3061347	10
FUSE 10,3X38 16A PV	3061350	10
FUSE 10,3X38 20A PV	3061363	10
FUSE 10,3X38 25A PV	3061364	10

Accessories

UK screw connection - lever-type fuse terminal block for photovoltaics, 1500 V

Fuse terminal block

– Terminal block for protecting PV lines
– Particularly suitable for protecting monocrystalline and polycrystalline modules
– Suitable for standard 10.3 x 85 mm fuse inserts with gPV characteristic
– Dielectric strength up to 1500 V DC
– Generous labeling options for the unique identification of lines

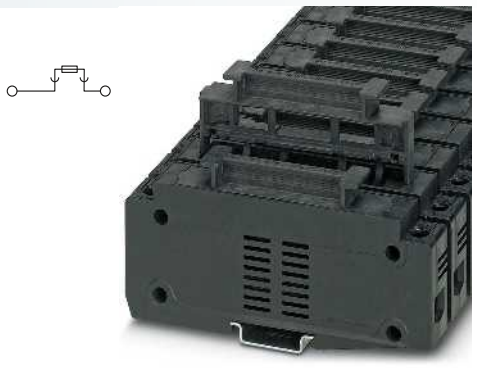
Fuses

– Special fuses with ultra-rapid PV characteristic (gPV)
– Use in PV lines with a nominal voltage of up to 1500 V DC
– Safe shutdown even in the event of short-circuit currents that are just above the nominal current

Diode terminal blocks

– For diode terminal blocks for protecting PV lines, see page 110

Notes:
The rated voltage is 1250 V and the maximum operating voltage is 1500 V.
Higher ambient temperatures are an additional strain on fuse inserts. In applications of this kind, the shift of the rated current should be taken into consideration accordingly.
For tools for stripping and crimping solar cables and connectors, see Catalog 3.
For detailed information on applications and power dissipation data, see phoenixcontact.net/products
[1]) The current and voltage are determined by the fuse.
[2]) Maximum operating voltage 1500 V.



25 (25) mm², 32 A, 1500 V, lever-type fuse terminal block

EAC

Technical data

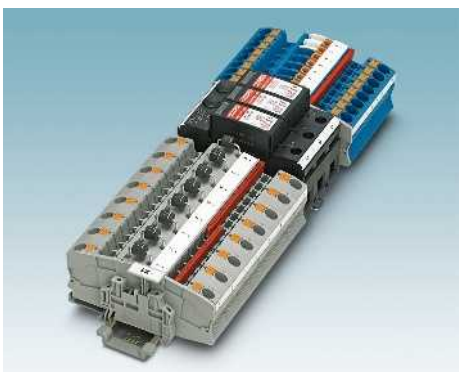
Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**23**	**130**	**65.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[1])	**1500[2])**	**0.75 - 25**	**-**
Rated data		IEC 60269-1/-2 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1500[2])	-	-	-
Nominal current / cross section	[A] / [mm²]	32[1]) / 16	-	-	-
Rated cross section	[mm²]	25	-	-	-
Cross section range	AWG	18 - 4	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.75 - 25	0.75 - 25	0.75 - 16	1.5 - 16
2 conductors (of the same type)	[mm²]	0.75 - 10	0.75 - 10	1.5 - 4	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 10
General data					
Fuse type / dimensions	– / [mm]	gG / gPV / 10.3 x 85			
Stripping length	[mm]	11			
Screw thread		M5			
Tightening torque	[Nm]	2 - 2.5			
Insulating material		PA			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Fuse terminal block, for mounting on NS 35..., for 10 x 85 mm cartridge fuse inserts	black	**UK 10,3-HESI 1500V**	3062760	5
Midget fuse, 10.3 x 85 mm, 1500 V, nominal current: 2 A	white			
Nominal current: 4 A	white			
Nominal current: 6 A	white			
Nominal current: 8 A	white			
Nominal current: 10 A	white			
Nominal current: 12 A	white			
Nominal current: 16 A	white			
Midget fuse, 10.3 x 85 mm, 1200 V, nominal current: 20 A	white			
Nominal current: 25 A	white			

Accessories

Partition plate, 2 mm wide	gray	**TPN-UK**	3003062	10
Screwdriver		**SF-SL 0,6X3,5-100 S-VDE**	1212587	10
Center groove marking		**EML (16,5X5)R (see Catalog 3)**		





Fuse insert, 10.3 x 85 mm, 2 - 16 A, 1500 V



Fuse insert, 10.3 x 85 mm, 20 - 25 A, 1200 V

EAC

Technical data

Width	Length	Height NS 35/7,5	
-	85	-	
	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	1500	-	-
IEC 60269-6			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1500	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
-			
-			
-			
-			
-			

Ordering data

Type	Order No.	Pcs./Pkt.
FUSE 10,3X85 2A PV	3062766	10
FUSE 10,3X85 4A PV	3062767	10
FUSE 10,3X85 6A PV	3062768	10
FUSE 10,3X85 8A PV	3062769	10
FUSE 10,3X85 10A PV	3062770	10
FUSE 10,3X85 12A PV	3062771	10
FUSE 10,3X85 16A PV	3062772	10

Accessories

Technical data

Width	Length	Height NS 35/7,5	
-	85	-	
	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	1200	-	-
IEC 60269-6			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1200	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
-			
-			
-			
-			
-			

Ordering data

Type	Order No.	Pcs./Pkt.
FUSE 10,3X85 20A PV	3062773	10
FUSE 10,3X85 25A PV	3062774	10

Accessories

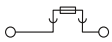
Fuse terminal blocks for NEOZED® USEN ... fuse inserts

– These fuse terminal blocks are designed for NEOZED® fuses
– The NEOZED® system features an impressive high current-carrying capacity

Notes:

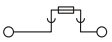
1) Current carrying capacity of the insertion bridges in the case of center infeed: 120 A

NEOZED® and DIAZED® are registered trademarks of Siemens AG.





35 (35) mm², 16 A, fuse terminal block for NEOZED D 01 (E14)





35 (35) mm², 63 A, fuse terminal block for NEOZED D 02 (E18)

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	27	82.7	71.9	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	400	1.5 - 35	-
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	16 / 35	-	-	-
Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	16 - 2	-	-	-
Connection capacity		solid	stranded	ferrule	without/with plastic sleeve
1 conductor	[mm²]	1.5 - 35	1.5 - 35	1.5 - 25	1.5 - 25
2 conductors (of the same type)	[mm²]	1.5 - 10	1.5 - 10	1.5 - 10	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 10
Max. cross section with insertion bridge	[mm²]	25	25	-	-
General data					
Fuse type / dimensions	– / [mm]	D 01 / E 14			
Stripping length	[mm]	19			
Screw thread		M6			
Tightening torque	[Nm]	3.5 - 4			
Insulating material		Duroplast			
Flammability rating according to UL 94		V0			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	27	84	75	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		63	400	1.5 - 35	-
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	63 / 35	-	-	-
Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	16 - 2	-	-	-
Connection capacity		solid	stranded	ferrule	without/with plastic sleeve
1 conductor	[mm²]	1.5 - 35	1.5 - 35	1.5 - 25	1.5 - 25
2 conductors (of the same type)	[mm²]	1.5 - 10	1.5 - 10	1.5 - 10	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 10
Max. cross section with insertion bridge	[mm²]	25	25	-	-
General data					
Fuse type / dimensions	– / [mm]	D 02 / E 18			
Stripping length	[mm]	19			
Screw thread		M6			
Tightening torque	[Nm]	3.5 - 4			
Insulating material		Duroplast			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Fuse element, incl. screw cap, for mounting on NS 35...		light gray	**USEN 14 N**		3048357	10

Accessories

Insertion bridge, divisible, insulated spine						
1-phase	36	gray	**EB 36-27**	65 A[1])	3009341	1
3-phase	36	gray	**EB 36-27/L1-L2-L3**	65 A[1])	3009354	1
NEOZED® special spring, or use of fuse inserts D 01 in screw caps D 02 (on request), for 2 - 16 A		silver				
NEOZED® fuse inserts according to DIN 49522 400 V AC / 250 V DC		pink	**S 2 A/380 V**		0913016	10
		brown	**S 4 A/380 V**		0913029	10
		green	**S 6 A/380 V**		0913032	10
		red	**S 10 A/380 V**		0913045	10
		gray	**S 16 A/380 V**		0913058	10
		yellow				
		black				
		white				
		copper-colored				
Screwdriver			**SZS 1,0X6,5 VDE**		1205079	10
Marker carrier, SS-ZB contactor marking Zack marker strip		black	**MA 20X 8 BK**		0814270	100
Contactor label zack marker strip, 5-section, can be marked with X-PEN, B-STIFT, plotter or label 20 x 8		white	**SS-ZB WH**		5031171	50
Lettering field size: 20 x 8 mm		yellow	**SS-ZB YE**		5031650	50

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
USEN 18 N		3048360	10

Accessories

EB 36-27	65 A[1])	3009341	1
EB 36-27/L1-L2-L3	65 A[1])	3009354	1
SH-SE 14/18		0913317	50
S 2 A/380 V		0913016	10
S 4 A/380 V		0913029	10
S 6 A/380 V		0913032	10
S 10 A/380 V		0913045	10
S 16 A/380 V		0913058	10
S 25 A/380 V		0913074	10
S 35 A/380 V		0913087	10
S 50 A/380 V		0913090	10
S 63 A/380 V		0913100	10
SZS 1,0X6,5 VDE		1205079	10
MA 20X 8 BK		0814270	100
SS-ZB WH		5031171	50
SS-ZB YE		5031650	50

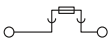
Fuse terminal blocks for DIAZED® USED ... fuse inserts



- This fuse terminal block accommodates DIAZED® fuses
- The major advantage of the DIAZED® system is its dielectric strength of up to 500 V
- Original DIAZED®-E 27 threads are used in closed housings
- Conductor cross sections of up to 35 mm² can be connected with the convenient spring-cage connection

Notes:

NEOZED® and DIAZED® are registered trademarks of Siemens AG.





35 (35) mm², 25 A, fuse terminal block for DIAZED D II (E27)

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**40**	**80**	**62.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		25	**500**	**1.5 - 35**	**-**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	25 / 35	-	-	-
Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	16 - 2	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 35	1.5 - 35	1.5 - 25	1.5 - 25
2 conductors (of the same type)	[mm²]	1.5 - 10	1.5 - 10	1.5 - 10	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	1.5 - 10
Max. cross section with insertion bridge	[mm²]	25	25	-	-
General data					
Fuse type / dimensions	– / [mm]	D II / E 27			
Stripping length	[mm]	19			
Screw thread		M6			
Tightening torque	[Nm]	3.5 - 4			
Insulating material		Duroplast			
Flammability rating according to UL 94		V0			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Fuse element, incl. screw cap, for mounting on NS 35...	light gray	**USED 27 N**	3048373	5

Accessories

DIAZED® fuse inserts in acc. with DIN 49360 and DIN 49515 500 V AC / 250 V DC				
	pink	**S-II- 2 A/500 V**	0913605	5
	brown	**S-II- 4 A/500 V**	0913618	5
	green	**S-II- 6 A/500 V**	0913621	5
	red	**S-II-10 A/500 V**	0913634	5
	gray	**S-II-16 A/500 V**	0913647	5
	blue	**S-II-20 A/500 V**	0913650	5
	yellow	**S-II-25 A/500 V**	0913663	5
Screwdriver		**SZS 1,0X6,5 VDE**	1205079	10
Marker carrier, SS-ZB contactor marking Zack marker strip	black	**MA 20X 8 BK**	0814270	100
Contactor label zack marker strip, 5-section, can be marked with X-PEN, B-STIFT, plotter or label 20 x 8	white	**SS-ZB WH**	5031171	50
Lettering field size: 20 x 8 mm	yellow	**SS-ZB YE**	5031650	50

Disconnect terminal blocks



- Disconnect terminal block with universal disconnect zone for accommodating fuse connectors, component connectors, and isolating plugs
- Overall width of just 6.2 mm
- The terminal blocks are available in different basic forms
- MBK 5 mini-strip terminal blocks
- UK 5 N universal terminal blocks
- UDK 4 double terminal blocks
- UKK 5 double-level terminal blocks

Notes:

Three- or four-conductor basic actuator terminal blocks DOK 1,5–TG, DOKD 1,5–TG and VIOK 1,5–D/TG/D/PE with disconnect function can be found on page 447onwards.

For fuse, component and isolating plugs, see page 472.

[1]) The current and voltage are determined by the component and fuse connector.





4 (4) mm², 16 A, disconnect terminal block

Technical data

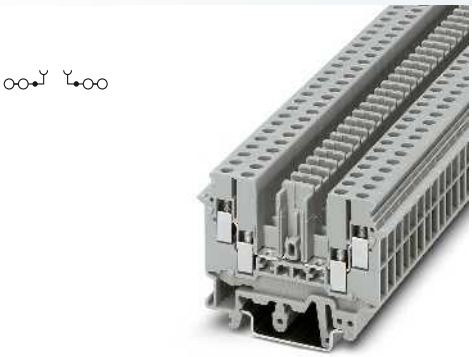
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**6.2**	**28**	**-**
Dimensions		Width	Length	Height NS 15
	[mm]	**6.2**	**28**	**36**
Dimensions		Width	Length	Height NS 32
	[mm]	**6.2**	**28**	**-**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		16[1])	**500[1])**	**0.2 - 4 / 28-12**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	500[1])	300	300
Nominal current / cross section	[A] / [mm²]	16 / 4	20 / -	15 / - / -
Rated cross section	[mm²]	4	-	- / -
Cross section range	AWG	24 - 12	28-12	28-12 / -
Rated data, upper level		IEC	UL / CUL	CSA / IEC/EN 60079-7
Nominal current / cross section	[A] / [mm²]	- / -	- / -	- / - / - / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]			0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	1.5	1.5	
General data				
Stripping length	[mm]	9		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.6		
Insulating material		PA		
Flammability rating according to UL 94		V2		

Ordering data

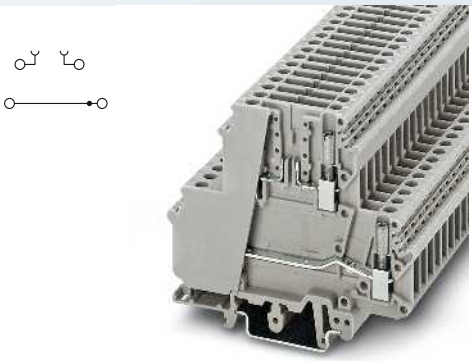
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Basic terminal block, for component and fuse connectors		gray	**MBK 5/E-TG**		1415089	50
Basic terminal block, with test socket screws on both sides		gray				

Accessories

Cover, width: 1 mm		gray	**D-MBK 5/E-T**		1413706	50
Cover, width 1.5 mm		gray				
Fixed bridge, isolated	10	silver				
Insertion bridge, insulated	2	gray	**EB 2- 6**	16 A	0201155	100
	3	gray	**EB 3- 6**	16 A	0201142	100
	10	gray	**EB 10- 6**	16 A	0201139	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver				
Isolator bridge bar, as distance piece for isolator bridge bar		gray				
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking						



4 (6) mm², 16 A, disconnect terminal block



4 (4) mm², 26 A, double-level terminal block with disconnect zone

Technical data

Width	Length	Height NS 35/7,5	
6.2	**63.5**	**47**	
Width	Length	Height NS 15	
6.2	**63.5**	**-**	
Width	Length	Height NS 32	
6.2	**63.5**	**52**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16[1])	**400**	**0.2 - 6**	**30-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	-	
16 / 4	15 / -	- / -	-
4	-	-	-
24 - 10	30-12	-	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
- / -	- / -	- / -	- / -
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
0.2 - 1	0.2 - 1.5	0.25 - 1.5	- 0.5 - 1
2.5	2.5		
8			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UDK 4-TG		2777014	50

Accessories

D-UDK-RELG		2777027	50
FBI 10- 6	16 A	0203250	10
EB 2- 6	16 A	0201155	100
EB 3- 6	16 A	0201142	100
EB 10- 6	16 A	0201139	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**80**	**68.5**	
Width	Length	Height NS 15	
6.2	**80**	**-**	
Width	Length	Height NS 32	
6.2	**80**	**56**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**400[1])**	**0.2 - 4**	**26-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400[1])	-	300	
26 / 4	- / -	15 / -	-
4	-	-	-
24 - 12	26-12	28-12	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
16 / 4	15 / -	- / -	- / -
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	- 0.5 - 2.5
4	4		
8			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKK 5-TG		3007042	50

Accessories

FBI 10- 6	26 A	0203250	10
EB 2- 6	22 A	0201155	100
EB 3- 6	22 A	0201142	100
EB 10- 6	22 A	0201139	10
ISSBI 10- 6	26 A	0301505	10
IS-K 4		1302338	100
SZG 0,6X3,5 VDE		1205121	10

ZB 6 (see Catalog 3)

Connectors for disconnect terminal blocks in the UK series

– The ST-SI-UK 4 fuse plug 5 x 20 mm cartridge fuse inserts is available with and without a light indicator
– The ST-BE component connector is available as an individual connector for two-pos. components and as a double connector

Notes:
1) If the fuse is faulty, the downstream circuit is not off load.
2) Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 1.0 A
3) With single arrangement.
4) Integrated: Rectifier module B 250 C 1500, reverse voltage: 600 V, nominal voltage: 250 V, nominal current: 1.5 A



Fuse connector for 5 x 20 mm cartridge fuses



Component connector for 2 and 4-pos. components

Technical data

Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	250	300	300	-
Nominal current / cross section	[A] / [mm²]	6.3 / -	6.3 / -	10 / -	-
Rated cross section	[mm²]	-	-	-	-
Cross section range	AWG	-	-	-	-
General data					
Insulating material		PA			
Flammability rating according to UL 94		V2			

Technical data

		IEC	UL / CUL	CSA	IEC/ EN 60079-7
		-	300	-	-
		16 / -	10 / -	-	-
		2.5	-	-	-
		-	30-14	-	-
		PA			
		V0			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Fuse plug, for cartridge fuse inserts 5 x 20 mm, 26.5 mm high, max 6.3 A	black	**ST-SI-UK 4**	0921011	50
Fuse connector, for cartridge fuse inserts, 5 x 20 mm, 26.5 mm high, max. 6.3 A, with light indicator, for 5-15 V AC/DC[1]	black	**ST-SILED 12-UK 4**	0921024	50
With LED display for 15-30 V AC/DC	black	**ST-SILED 24-UK 4**	0921037	50
With LED display for 30-60 V AC/DC	black	**ST-SILED 60-UK 4**	0921040	50
With LED display for 110-250 V AC/DC	black	**ST-SILA250-UK 4**	0921053	50
Component connector, for switching on 2-pos. components in the basic terminal block, fixing at screw terminal points, 19 mm high, max 16 A[3]	gray			
Component connector, to connect 2-pos. components into the basic terminal block, 19 mm high, with LED display for 24 V AC/DC	gray			
With LED display for 230 V AC/DC	gray			
Component connector, to connect 2-pos. components into the basic terminal block, with diode 1N 4007, 19 mm high[2]	gray			
Component connector, for 4-pos. components, two basic terminal blocks required connector, 19 mm high	gray			
Component connector, for 4-pos. components, two basic terminal blocks required connector, with bridge rectifier B 250 C 1500, 19 mm high[4]	gray			
Isolating plug, 13.5 mm high, max. 16 A	gray			

Ordering data

Type	Order No.	Pcs./Pkt.
ST-BE	2802316	10
ST-BE-LA 24	2802374	10
ST-BE-LA230	2802387	10
ST-1N4007	2802329	10
ST-BE-VP	2802332	10
ST-B250C1500	2802345	10
ST-K 4	5025462	50

Accessories

Plug pliers, simplify removing the isolating plug from a closed row of terminal blocks			
Center groove marking			

Accessories

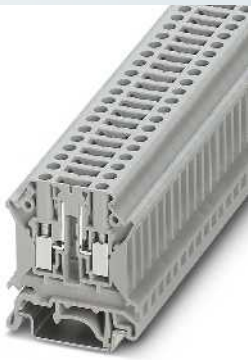
TZ	0306704	10
ZB 6 (see Catalog 3)		

Disconnect terminal block, isolating and fuse plugs

– Compact, space-saving design
– Universal disconnect zone

Notes:
1) If the fuse is faulty, the downstream circuit is not off load.
2) Observe max. load current.
3) Observe max. load current, depending on the power dissipation of the components. Max. 0.5 W with single arrangement.
4) Current and voltage are determined by the plug used.
For corresponding function plugs, see phoenixcontact.net/products.





4 (6) mm², 16 A, disconnect terminal block



Function plug for universal disconnect zone

EAC

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**6.2**	**42.5**	**47**	
Dimensions	Width	Length	Height NS 32	
[mm]	**6.2**	**42.5**	**52**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	16[4])	**500[4])**	**0.2 - 6**	**-**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500[4])	-	-	-
Nominal current / cross section [A] / [mm²]	16[4]) / 1.5	-	-	-
Rated cross section [mm²]	4	-	-	-
Cross section range AWG	24 - 10	-	-	-
Connection capacity	solid	stranded	ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type) [mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 2.5
Max. cross section with insertion bridge [mm²]	4	4	-	-
General data				
Stripping length [mm]	8			
Screw thread	M3			
Tightening torque [Nm]	0.6 - 0.8			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Technical data

Width	Length	Height NS 35/7,5		
3.5	**10.8**	**-**		
Width	Length	Height NS 32		
3.5	**10.8**	**-**		
$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)	
20		**-**	**-**	
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
-	-	-	-	
- / -	-	15 / -	-	
-	-	-	-	
-	-	-	-	
solid	stranded	ferrule without/with plastic sleeve		
-	-	-	-	
-	-	-	-	
-	-	-	-	
-				
-				
-				
PA				
V2				

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Disconnect terminal block, for mounting on NS 35 DIN rail		gray	**UK 5 N-TG**		3000604	50
Isolating plug[2])		orange				
Feed-through connector[2])		gray				
Component connector, labeled with ZBF 5 or UC–TMF 5[3])		gray				
Fuse plug, width 5.2 mm[1])		black				
With LED display for 12-30 V DC, 0.31-0.95 mA		black				
for 30–60 V AC/DC, 0.40–0.86 mA		black				
for 110–250 V AC/DC, 0.41–0.96 mA		black				
Fuse connector, width 8.2 mm		black				
With LED display for 12-30 V DC, 0.31-0.95 mA		black				
for 30–60 V AC/DC, 0.40–0.86 mA		black				
for 110–250 V AC/DC, 0.41–0.96 mA		black				

Ordering data

Type	Order No.	Pcs./Pkt.
P-DI	3036783	50
P-FIX	3038956	50
P-CO	3036796	10
P-FU 5X20-5	3209235	10
P-FU 5X20 LED 24	3036819	10
P-FU 5X20 LED 60	3036822	10
P-FU 5X20 LA 250	3036835	10
P-FU 6,3X32	3046498	10
P-FU 6,3X32 LED 24	3046508	10
P-FU 6,3X32 LED 60	3046511	10
P-FU 6,3X32 LA 250	3046524	10

Accessories

Cover, width 1.8 mm		gray	**D-UK 4/10**	3003020	50
Insertion bridge, insulated					
	2	gray	**EB 2- 6**	16 A 0201155	100
	3	gray	**EB 3- 6**	16 A 0201142	100
	10	gray	**EB 10- 6**	16 A 0201139	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10
Lateral groove marking			**UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)**		

Accessories

BES 6 component connector



- Advantageous when adding any 2-pos. components, such as diodes or varistors, between two neighboring feed-through terminal blocks at a later date
- Is supplied as a set with two sockets
- The sockets are screwed into the center thread of the feed-through terminal blocks. They are of different lengths, which determines the correct functional direction (corresponds to the vertically offset multiple-spring wire plugs) and prevents confusion later on
- If several BES 6 connectors are fitted next to each other, separating disks should be provided between the pairs of terminal blocks in order to prevent incorrect plugging
- To insert the components, the upper half of the housing is lifted, thus exposing the plug pins for soldering
- Versions are available with a light indicator or diode. These serve as a protective circuit for DC loads

The plugs can be used with the terminal blocks:

- MBK 5: Dimension a = 64 mm on DIN rail NS 15
- MBK 5/E-Z: Dimension a = 68 mm on DIN rail NS 15
- UK 5 N: Dimension a = 75 mm on DIN rail NS 35/7,5
- UKK 5: Dimension a = 92 mm on DIN rail NS 35/7,5
- UKKB 5: Dimension a = 92 mm on DIN rail NS 35/7,5
- UVKB 4: Dimension a = 76 mm on DIN rail NS 35/7,5

Notes:

[1]) Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 1.0 A



Component connector

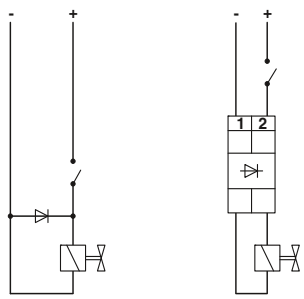
EAC

Technical data

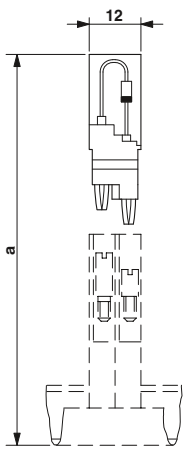
General data	
Insulating material	PA
Flammability rating according to UL 94	V2

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Component connector, complete, for connection of components between two neighboring feed-through terminal blocks	gray	**BES 6**	2802549	10
Component connector, complete, for connection of components between two neighboring feed-through terminal blocks, with diode 1N 4007[1])	gray	**BES 6-1N4007**	2802552	10
Component connector, with light indicator, 15 – 30 V DC	gray	**BES 6-LA 24**	2802565	10
Component connector, with light indicator, 110–250 V AC/DC	gray	**BES 6-LA230**	2802578	10



Damping diode with feed-through terminal blocks and BES 6

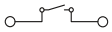


Construction: BES 6

MTK ... knife disconnect terminal blocks

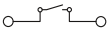
For maintenance work or rapid troubleshooting, these disconnect terminal blocks are used in measurement, closed-loop control and single-loop control systems:

– Convenient disconnect knife operation
– Space-saving design
– High current-carrying capacity up to 16 A
– Versions with integrated test socket screws





2.5 (4) mm², 16 A, knife disconnect terminal block with test socket screw





2.5 (4) mm², 16 A, knife disconnect terminal block

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**5.2**	**46**	**51.5**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**5.2**	**46**	**56.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	**400**	**0.2 - 4**	**28-12**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	16 / 2.5	10 / -	15 / -	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 12	28-12	28-12	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	4	2.5	-	-
General data					
Stripping length	[mm]	7			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

		Width	Length	Height NS 35/7,5	
	[mm]	**5.2**	**46**	**51.5**	
		Width	Length	Height NS 32	
	[mm]	**5.2**	**46**	**56.5**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	**400**	**0.2 - 4**	**28-12**
		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
	[V]	400	300	300	-
	[A] / [mm²]	16 / 2.5	10 / -	15 / -	-
	[mm²]	2.5	-	-	-
	AWG	24 - 12	28-12	28-12	-
		solid	stranded	ferrule without/with plastic sleeve	
	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
	[mm²]	-	-	-	0.5 - 1.5
	[mm²]	4	2.5	-	-
	[mm]	7			
		M3			
	[Nm]	0.5 - 0.6			
		PA			
		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with test socket screws on both sides		gray	**MTK-P/P**		3104013	50
		blue	**MTK-P/P BU**		3104097	50
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with screw connection on both sides		gray				
		blue				
Feed-through terminal block, without disconnect knife, with test socket screws		gray				
with screw connection		gray				
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with test socket screws on both sides, bridgeable in both levels		gray				
		blue				
Without test socket screws		gray				
Knife disconnect terminal block, for mounting on NS 35...		gray				

Ordering data

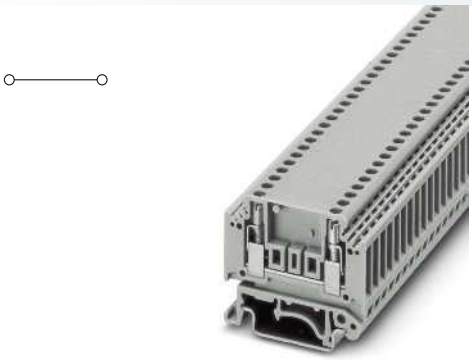
Type	I_{max}	Order No.	Pcs./Pkt.
MTK		3101016	50
MTK BU		3101197	50

Accessories

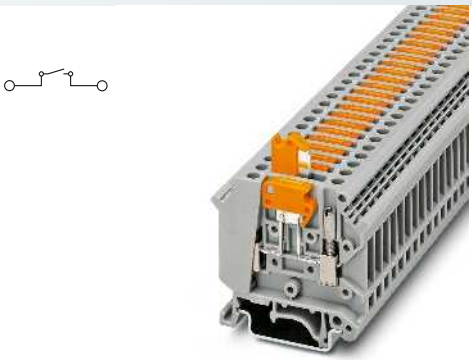
Cover, width: 1 mm		gray	**D-MTK**		3101029	50
		blue	**D-MTK BU**		3101090	50
Insertion bridge, insulated						
	2	gray	**EBL 2- 5**	12 A	2303145	10
	3	gray	**EBL 3- 5**	12 A	2303158	10
	10	gray	**EBL 10- 5**	12 A	2303132	10
Partition plate, for visual and electrical separation of terminal groups, 1.0 mm thick		gray	**ATS-MTK**		3101223	50
Screwdriver			**SZG 0,6X3,5 VDE**		1205121	10
Lateral groove marking			**ZB 5 (see Catalog 3)**			

Accessories

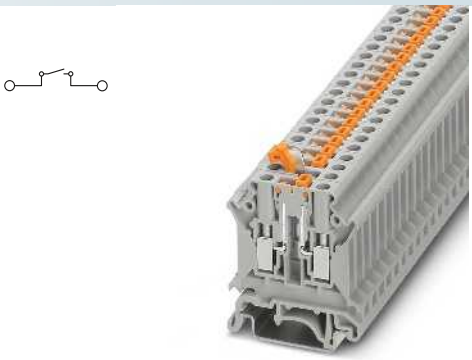
D-MTK		3101029	50
D-MTK BU		3101090	50
EBL 2- 5	12 A	2303145	10
EBL 3- 5	12 A	2303158	10
EBL 10- 5	12 A	2303132	10
ATS-MTK		3101223	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			



2.5 (4) mm², 16 A, feed-through terminal block, with test socket screw



4 (6) mm², 16 A, knife disconnect terminal block with test socket screw



4 (6) mm², 16 A, knife disconnect terminal block

Technical data

Width	Length	Height NS 35/7,5	
5.2	**46.2**	**39.9**	
Width	Length	Height NS 32	
5.2	**46.2**	**44.9**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	**400**	**0.2 - 4**	**28-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	600	-
16 / 2.5	10 / -	20 / -	-
2.5	-	-	-
24 - 12	28-12	28-12	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 1.5
4	2.5	-	-
7			
M3			
0.5 - 0.6			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
MTKD-P/P		3100020	50
MTKD		3100017	50

Accessories

D-MTK		3101029	50
D-MTK BU		3101090	50
EBL 2- 5	12 A	2303145	10
EBL 3- 5	12 A	2303158	10
EBL 10- 5	12 A	2303132	10
ATS-MTK		3101223	50
SZG 0,6X3,5 VDE		1205121	10

ZB 5 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**51**	**58.5**	
Width	Length	Height NS 32	
6.2	**51**	**63.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	**500**	**0.2 - 6**	**22-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	300	-
16 / 2.5	15 / -	15 / -	-
4	-	-	-
24 - 10	22-12	18-10	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
8			
M3			
0.5 - 0.6			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 5-MTK-P/P		3004032	50
UK 5-MTK-P/P BU		3004058	50
UK 5-MTK		3004430	50

Accessories

D-UK 4/10		3003020	50
EB 2- 6	12 A	0201155	100
EB 3- 6	12 A	0201142	100
EB 10- 6	12 A	0201139	10
ATP-UK 5-MTK		3004210	50
SZG 0,6X3,5 VDE		1205121	10

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**42.5**	**48.7**	
Width	Length	Height NS 32	
6.2	**42.5**	**53.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
16	**500**	**0.2 - 6**	**20-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	-	-
16 / 1.5	15 / -	-	-
4	-	-	-
24 - 10	20-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
8			
M3			
0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 5 N-MT		3000563	50

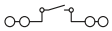
Accessories

D-UK 4/10		3003020	50
D-UK 4/10 BU		3003101	50
EB 2- 6	16 A	0201155	100
EB 3- 6	16 A	0201142	100
EB 10- 6	16 A	0201139	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)

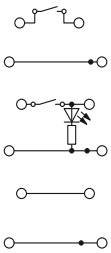
Knife disconnect terminal blocks

– Convenient disconnect knife operation
– Closed housing of double-level terminal blocks
– The disconnect knife on the associated level is characterized by a slight vertical offset
– Space-saving design just 6.2 mm wide





4 (6) mm², 16 A, knife disconnect terminal block, 4 connections, with test socket screw





4 (4) mm², 26 A, double-level knife disconnect terminal block with test socket screw

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**6.2**	**63.5**	**47**	
Dimensions	Width	Length	Height NS 32	
[mm]	**6.2**	**63.5**	**52**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	16	**630**	**0.2 - 6**	**30-10**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	630	600	600	-
Nominal current / cross section [A] / [mm²]	16 / 4	15 / -	15 / -	-
Rated cross section [mm²]	4	-	-	-
Cross section range AWG	24 - 10	30-10	22-10	-
Rated data, upper level	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Nominal current / cross section [A] / [mm²]	-	-	-	-
Connection capacity	solid	stranded	ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
2 conductors (of the same type) [mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 1
Max. cross section with insertion bridge [mm²]	2.5	2.5	-	-
General data				
Stripping length [mm]	8			
Screw thread	M3			
Tightening torque [Nm]	0.6 - 0.8			
Insulating material	PA			
Flammability rating according to UL 94	V2			

Technical data

Width	Length	Height NS 35/7,5		
6	**80**	**68**		
Width	Length	Height NS 32		
6	**80**	**73**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
26	**400**	**0.2 - 4**	**26-12**	
IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7	
400	300	300	-	
26 / 4	-	15 / -	-	
4	-	-	-	
24 - 12	26-12	22-12	-	
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
12 / 4	-	-	-	
solid	stranded	ferrule without/with plastic sleeve		
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-	
-	-	-	0.5 - 1.5	
-	-	-	-	
8				
M3				
0.6 - 0.8				
PA				
V2				

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with test socket screws on both sides		gray	**UDK 4-MTK-P/P**		2775210	50
		blue	**UDK 4-MTK-P/P BU**		2775223	50
Knife disconnect terminal block, for mounting on NS 32... or NS 35..., with test socket screws on both sides, bridgeable in both levels		gray				
Double-level terminal block, for mounting on NS 32... or NS 35..., with disconnect knife and light indicator for 12 V DC		gray				
Double-level terminal block, for mounting on NS 32... or NS 35..., with two through contacts, without light indicator		gray				

Ordering data

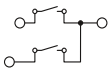
Type	I_{max}	Order No.	Pcs./Pkt.
UKK 5-MTK-P/P		2800004	50
UKK 5-MTK-P/P-LA 24RD/O-U		2800020	50
UKK 5-MTKD-P/P		2800017	50

Accessories

Cover, width 1.5 mm		gray	**D-UDK 4**	2775113	50
		blue	**D-UDK 4 BU**	2775197	50
Fixed bridge, isolated	10	silver			
Insertion bridge, insulated	2	gray	**EB 2- 6**	12 A	0201155	100
	3	gray	**EB 3- 6**	12 A	0201142	100
	10	gray	**EB 10- 6**	12 A	0201139	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 6 (see Catalog 3)**			

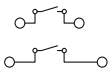
Accessories

FBI 10- 6	22 A	0203250	10
SZG 0,6X3,5 VDE		1205121	10
ZB 6 (see Catalog 3)			



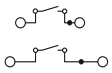


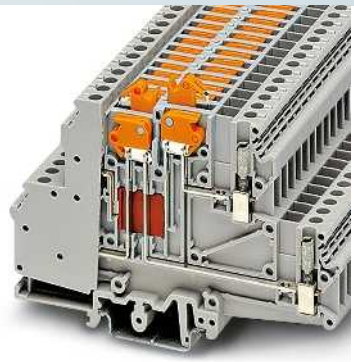
4 (4) mm², 8 A, feed-through terminal block, 3 connections, with two disconnect knives, test socket screw





4 (4) mm², 10 A, double-level terminal block, one disconnect knife per level, test socket screw





4 (4) mm², 10 A, double-level terminal block, one disconnect knife and bridge shaft per level, test socket screw

Technical data

Width	Length	Height NS 35/7,5	
6.2	**76.5**	**68.5**	
Width	Length	Height NS 32	
6.2	**76.5**	**73.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
8	**400**	**0.2 - 4**	**26-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
8 / 4	8 / -	8 / -	-
4	-	-	-
24 - 12	26-12	28-12	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
8 / 4	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
8			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UDMTK 5-TWIN-P/P	3101126	50
UDMTK 5-TWIN-P/P BU	3101139	50

Accessories

SZG 0,6X3,5 VDE	1205121	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**93**	**68.5**	
Width	Length	Height NS 32	
6.2	**93**	**73.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10	**400**	**0.2 - 4**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	300	-
10 / 4	-	15 / -	-
4	-	-	-
24 - 12	-	28-12	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
8 / 4	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
8			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UDMTK 5-P/P	3101087	50
UDMTK 5-P/P BU	3101113	50

Accessories

SZG 0,6X3,5 VDE	1205121	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**106**	**68.5**	
Width	Length	Height NS 32	
6.2	**106**	**73.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
10	**400**	**0.2 - 4**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
10 / 4	-	-	-
4	-	-	-
24 - 12	-	-	-
IEC	UL / CUL	CSA	IEC/ EN 60079-7
8 / 4	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
8			
M3			
0.5 - 0.6			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UDMTKB 5-P/P		3024478	50

Accessories

FBI 10- 6	10 A	0203250	10
SZG 0,6X3,5 VDE		1205121	10

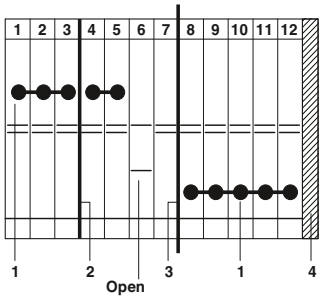
ZB 6 (see Catalog 3)

UGSK/S slide-type terminal block
URTK/SS meas. trans. disconnect term. block



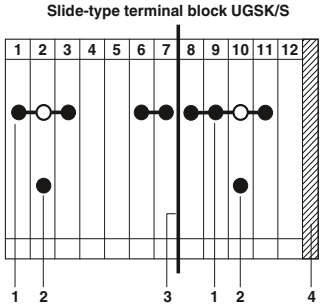
– Simple and clear testing in current transformer secondary circuits can be undertaken with the slide-type terminal block UGSK/S for cross switching
– Measurement equipment or protective relays can be individually activated with the aid of bridges and slides
– For this purpose, the slides make contact with the bridge bar depending on the switching task
– The URTK/SS allow the transformer test circuits to be designed to be very compact and clear

Knife disconnect terminal block URTK/SS



	Type	Order no.
1	FBRNI 10-6	2770626
2	TS-URTK/SS	0321213
3	ATS-URTK/SS	0321226
4	D-URTK/SS	0321022

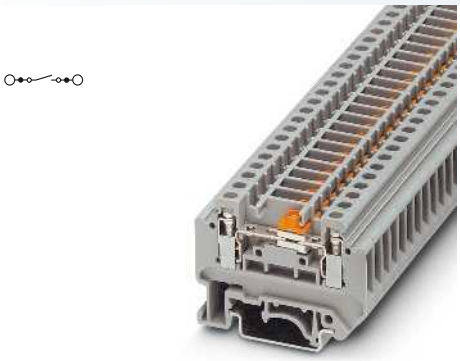
Slide-type terminal block UGSK/S



	Type	Order no.
1	FB 10-GSK/S	0305174
2	GS-GSK/S	0305116
3	ATS-GSK	0304227
4	D-UGSK	0304023

Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 stranded conductors with a TWIN ferrule	[mm²]
General data	
Stripping length	[mm]
Terminal point: thread / torque	- / [Nm]
Disconnect slide: Thread / Torque	- / [Nm]
Insulating material	
Flammability rating according to UL 94	

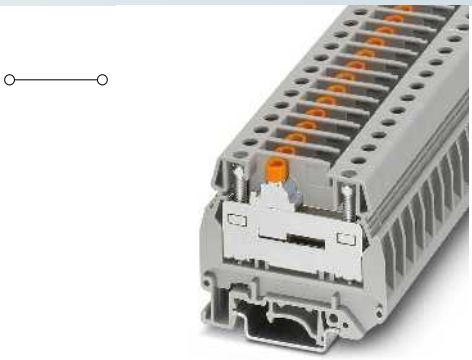
Description	No. of pos.	Color
Measurement/disconnect terminal block, for mounting on NS 32... or NS 35...		gray
with test sockets		gray
Slide terminal block, for mounting on NS 32... or NS 35...		gray
Without slide		gray
Cover, width: 1 mm		gray
Cover, width: 2.2 mm		gray
Fixed bridge, for cross connections on both sides of the disconnect point, divisible, with 10 screws	10	silver
Slide, for switchable connection along with FB 10-GSK/S or FB-GSK		silver
Separating plate, for separation of neighboring bridges in terminal center, width 0.8 mm		gray
Separating disk, 0.8 mm wide		gray
Slide with a test socket, insulated, for the UGSK/S terminal block, M3.5 thread		transparent
		white
		red
		blue
		yellow
		green
		violet
		gray
		black
Screwdriver		
Lateral groove marking		



4 (4) mm², 26 A, measuring transducer disconnect terminal block



4 (4) mm², 26 A, meas. transducer disconnect terminal block with test sockets



6 (10) mm², 57 A, slide-type terminal block

Technical data

Width	Length	Height NS 35/7,5	
6.2	**56.5**	**40**	
Width	Length	Height NS 32	
6.2	**56.5**	**45**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**400**	**0.2 - 4**	**28-12**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
26 / 4	20 / -	25 / -	-
4	-	-	-
24 - 12	28-12	28-12	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
7			
M3 / 0.6 - 0.8			
M2,6 / 0.5 - 0.6			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
URTK/SS		0321019	50

Accessories

D-URTK/SS		0321022	50
FBRNI 10-6 N	26 A	2770626	10
TS-URTK/SS		0321213	50
ATS-URTK/SS		0321226	100
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**56.5**	**40**	
Width	Length	Height NS 32	
6.2	**56.5**	**45**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
26	**400**	**0.2 - 4**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
26 / 4	-	-	-
4	-	-	-
24 - 12	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
7			
M3 / 0.6 - 0.8			
M2,6 / 0.5 - 0.6			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
URTK/SS-PSB	3056608	50

Accessories

D-URTK/SS		0321022	50
TS-URTK/SS		0321213	50
ATS-URTK/SS		0321226	100
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8.2	**61**	**53.5**	
Width	Length	Height NS 32	
8.2	**61**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**500**	**0.5 - 10**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
41 / 6	-	-	-
6	-	-	-
20 - 8	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 4
0.5 - 1.5	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 4
11			
M4 / 1.5 - 1.8			
- / -			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UGSK/S + GS		0313085	50
UGSK/S		0305080	50

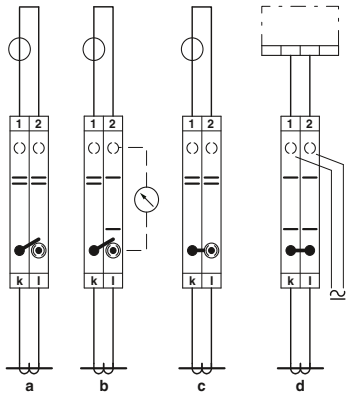
Accessories

D-UGSK		0304023	50
FB 10- GSK/S	43 A	0305174	10
GS-GSK/S		0305116	100
TS-GSK		0304214	50
ATS-GSK		0304227	50
PSBJ-GSK/S FARBLOS		0305394	10
PSBJ-GSK/S WH		0305310	10
PSBJ-GSK/S RD		0305323	10
PSBJ-GSK/S BU		0305336	10
PSBJ-GSK/S YE		0305349	10
PSBJ-GSK/S GN		0305352	10
PSBJ-GSK/S VT		0305365	10
PSBJ-GSK/S GY		0305378	10
PSBJ-GSK/S BK		0305381	10
SZS 1,0X4,0 VDE		1205066	10

ZB 8 (see Catalog 3)

URTK/S... measuring transducer disconnect terminal block



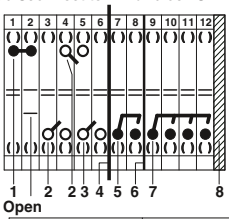


– Easy and clear testing in current transformer secondary circuits can be performed using the measuring transducer disconnect terminal blocks of the URTK/S range
– On both sides of the disconnect point, the terminal block has a test socket which can also be used to switch across to neighboring terminal blocks
– The URTK/S−BEN ... terminal blocks are provided with test socket screws for test plugs with a 4 mm diameter

– All switching tasks with two terminal blocks per current transformer core can be implemented with the URTK/S and URTK/S−BEN 10 measuring transducer disconnect terminal blocks

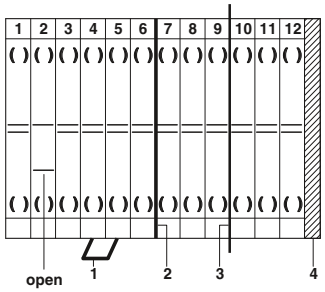
a Normal operation
b Measurement checking
c Transformer short circuit
d Relay checking

Test disconnect terminal block URTK/S



	Type	Order no.
1	FB 10-RTK/S	0311171
2	USB 2-RTK/S	0311278
3	ASB 2-RTK/S	0311281
4	ATS-RTK	0310224
5	SB 2-RTK/S	0311236
6	TS-RTK	0310211
7	SB 4-RTK/S	0311265
8	D-URTK	0310020

URTK/S-BEN 10 test disconnect terminal block



	Type	Order No.
1	EB 2-8	0202154
2	TS-RTK-BEN	0308210
3	ATS-RTK-BEN	0308223
4	D-URTK/S-BEN	0308029

Dimensions		
		[mm]
Dimensions		
		[mm]
Maximum electrical data		
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm²]
Rated cross section		[mm²]
Cross section range		AWG
Connection capacity		
1 conductor		[mm²]
2 conductors (of the same type)		[mm²]
2 stranded conductors with a TWIN ferrule		[mm²]
Max. cross section with insertion bridge		[mm²]
General data		
Stripping length		[mm]
Terminal point: thread / torque		- / [Nm]
Disconnect slide: Thread / Torque		- / [Nm]
Insulating material		
Flammability rating according to UL 94		

Description	No. of pos.	Color
Terminal block, for mounting on NS 32... or NS 35...		gray
Cover, width: 2.2 mm		gray
Insertion bridge, fully insulated		
	2	gray
	3	gray
	4	gray
	10	gray
Fixed bridge, for cross connections on both sides of the disconnect point, divisible, with 10 screws		
	10	silver
Bridge bar for two terminal blocks, usable for both sides of the disconnect point, with 2 screws		
Inward switching	2	silver
Outward switching	2	silver
Bridge bar for 2 terminal blocks, with 2 screws		
	2	silver
Bridge bar for 3-phase short-circuiting of of linked current transformer sets, with 4 screws		
	4	silver
Separating plate, for electrical separation of neighboring bridges at the terminal center		gray
Partition plate, for visual and electrical separation of terminal groups		gray
Switching lock, excludes the possibility of an unintentional operation of the disconnect slide		white
Screwdriver		
Lateral groove marking		



6 (10) mm², 57 A, measuring transducer disconnect terminal block

Technical data			
Width	Length	Height NS 35/7,5	
8.2	**72**	**51.5**	
Width	Length	Height NS 32	
8.2	**72**	**56.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**400**	**0.5 - 10**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	300	-
41 / 6	50 / -	40 / -	-
6	-	-	-
20 - 8	26-8	26-10	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 4
0.5 - 2.5	0.5 - 6	0.5 - 4	-
-	-	-	0.5 - 4
-	-	-	-
13			
M4 / 1.2 - 1.5			
M3 / 0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
URTK/S		0311087	50

Accessories

D-URTK		0310020	50
EB 2- 8	41 A	0202154	100
EB 3- 8	41 A	0202141	100
EB 4- 8	41 A	0202142	100
EB 10- 8	41 A	0202138	10
FB 10- RTK/S	41 A	0311171	10
USB 2-RTK/S	35 A	0311278	10
ASB 2-RTK/S	35 A	0311281	10
SB 2-RTK/S	35 A	0311236	10
SB 4-RTK/S	35 A	0311265	10
TS-RTK		0310211	50
ATS-RTK		0310224	50
S		0308359	100
SZS 1,0X4,0 VDE		1205066	10

ZB 8 (see Catalog 3)



10 (16) mm², 76 A, measuring transducer disconnect terminal block

Technical data			
Width	Length	Height NS 35/7,5	
8.2	**61**	**58.5**	
Width	Length	Height NS 32	
8.2	**61**	**63.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
76	**500**	**0.5 - 16**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	600	-
57 / 10	50 / -	55 / -	-
10	-	-	-
20 - 6	26-8	26-8	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 10	0.5 - 6	0.5 - 4	-
-	-	-	0.5 - 4
10	10	-	-
11			
M4 / 1.5 - 1.8			
M3 / 0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
URTK/S-BEN 10		0309109	50

Accessories

D-URTK/S-BEN		0308029	50
EB 2- 8	41 A	0202154	100
EB 3- 8	41 A	0202141	100
EB 4- 8	41 A	0202142	100
EB 10- 8	41 A	0202138	10
TS-RTK-BEN		0308210	50
ATS-RTK-BEN		0308223	100
SZG 0,9X6,5 VDE		1205134	10

ZB 8 (see Catalog 3)

UK 6-T measuring transducer disconnect terminal blocks

– Easy and clear testing in the current transformer secondary circuits can be performed using the UK 6-T measuring transducer disconnect terminal block
– Compact design
– Bridge bars with and without test sockets

CLIP PROJECT planning enables the quick and convenient planning and configuration of error-free terminal strips.

Notes:

For additional test sockets, bridge bars, and separating disks, visit phoenixcontact.net/products



6 (10) mm², 57 A, disconnect terminal block, with test sockets

Technical data

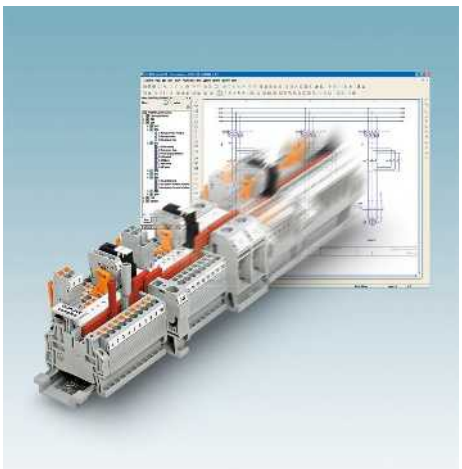
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**8.2**	**66.5**	**48**
Dimensions		Width	Length	Height NS 32
	[mm]	**8.2**	**66.5**	**53**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		57	**500**	**0.5 - 10** / **26-8**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	600	600 / -
Nominal current / cross section	[A] / [mm²]	41 / 6	30	30 / -
Rated cross section	[mm²]	6	-	- / -
Cross section range	AWG	20 - 8	26-8	26-8 / -
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6 / 0.5 - 6
2 conductors (of the same type)	[mm²]	0.5 - 2.5	0.5 - 4	0.5 - 2.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 4
General data				
Stripping length	[mm]	10		
Terminal point: thread / torque	- / [Nm]	M4 / 1.5 - 1.6		
Disconnect slide: Thread / Torque	- / [Nm]	M3 / 0.6 - 0.8		
Torque: Test socket, fixed bridge, switch bar	[Nm]	0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

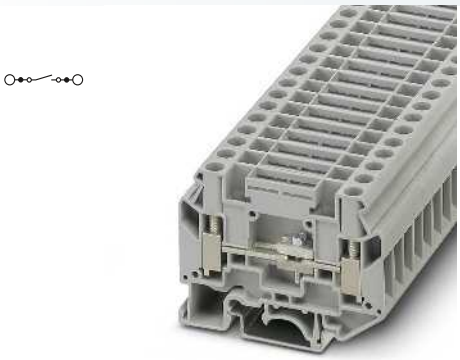
Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Disconnect terminal block, with test sockets		gray	**UK 6-T-P**		3072800	50
Disconnect terminal block		gray				
Feed-through terminal block		gray				

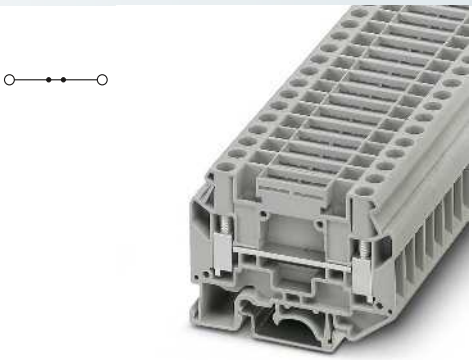
Accessories

Cover, width: 2.2 mm		gray	**D-UK 6-T**		3072802	50
Fixed bridge, 10-pos.	10	silver	**SCBI 10-8,15**	24 A	3245134	10
Isolator bridge bar, 10-pos.	10	silver	**SCBI 10-8,15 ISO**	24 A	3000417	10
Bridge bar	2	orange	**SB 6-T 2-8**	32 A	3075842	10
	3	orange	**SB 6-T 3-8**	32 A	3075843	10
	4	orange	**SB 6-T 4-8**	32 A	3075844	10
Bridge bar complete with test sockets	2	orange	**SBP-TB 6-T 2-8**	32 A	3070321	10
	3	orange	**SBP-TB 6-T 3-8**	32 A	3070322	10
	4	orange	**SBP-TB 6-T 4-8**	32 A	3070323	10
Test socket		silver	**TPS 3/20/5**		3246586	10
Test socket, insulated		orange	**PSBJ 6-T OG**		3070320	10
Modular test plug housing, labeling with ZBF 8		red	**PS-8/2,3MM RD**		3048564	10
4 mm Ø		silver	**MPS-MT/ 4MM**		3048577	10
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., $I_{max.}$ 20 A		black	**KSS 8**		0311540	10
		black	**KSS 4- 8**		0309549	10
Screwdriver			**SF-SL 0,8X4,0-100 S-VDE**		1212588	10
Lateral groove marking			**UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)**			

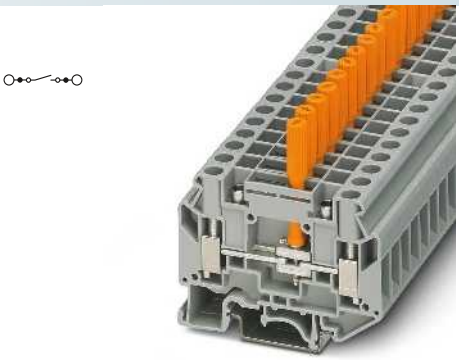




6 (10) mm², 57 A, disconnect terminal block



6 (10) mm², 57 A, feed-through terminal block



6 (10) mm², 57 A, disconnect terminal block

Technical data

Width	Length	Height NS 35/7,5	
8.2	**66.5**	**48**	
Width	Length	Height NS 32	
8.2	**66.5**	**53**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**500**	**0.5 - 10**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	600	-
41 / 6	30	30 / -	-
6	-	-	-
20 - 8	26-8	26-8	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.5 - 1.6			
M3 / 0.6 - 0.8			
-			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UK 6-T		**3072803**	50

Accessories

D-UK 6-T		**3072802**	50
SCBI 10-8,15	24 A	**3245134**	10
SCBI 10-8,15 ISO	24 A	**3000417**	10
SB 6-T 2-8	32 A	**3075842**	10
SB 6-T 3-8	32 A	**3075843**	10
SB 6-T 4-8	32 A	**3075844**	10
SBP-TB 6-T 2-8	32 A	**3070321**	10
SBP-TB 6-T 3-8	32 A	**3070322**	10
SBP-TB 6-T 4-8	32 A	**3070323**	10
TPS 3/20/5		**3246586**	10
PSBJ 6-T OG		**3070320**	10
PS-8/2,3MM RD		**3048564**	10
MPS-MT/ 4MM		**3048577**	10
KSS 8		**0311540**	10
KSS 4- 8		**0309549**	10
SF-SL 0,8X4,0-100 S-VDE		**1212588**	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8.2	**66.5**	**48**	
Width	Length	Height NS 32	
8.2	**66.5**	**53**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**800**	**0.5 - 10**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
41 / 6	30	30 / -	-
6	-	-	-
20 - 8	26-8	26-8	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.5 - 1.6			
- / -			
0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKD 6		**3072801**	50

Accessories

D-UK 6-T		**3072802**	50
SCBI 10-8,15	24 A	**3245134**	10
SCBI 10-8,15 ISO	24 A	**3000417**	10
SB 6-T 2-8	32 A	**3075842**	10
SB 6-T 3-8	32 A	**3075843**	10
SB 6-T 4-8	32 A	**3075844**	10
SBP-TB 6-T 2-8	32 A	**3070321**	10
SBP-TB 6-T 3-8	32 A	**3070322**	10
SBP-TB 6-T 4-8	32 A	**3070323**	10
TPS 3/20/5		**3246586**	10
PSBJ 6-T OG		**3070320**	10
PS-8/2,3MM RD		**3048564**	10
MPS-MT/ 4MM		**3048577**	10
KSS 8		**0311540**	10
KSS 4- 8		**0309549**	10
SF-SL 0,8X4,0-100 S-VDE		**1212588**	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8.2	**66.5**	**66**	
Width	Length	Height NS 32	
8.2	**66.5**	**71**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**500**	**0.5 - 10**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	600	-
41 / 6	30	30 / -	-
6	-	-	-
20 - 8	26-8	26-8	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.5 - 1.6			
- / -			
-			
PA			
V0			

Ordering data

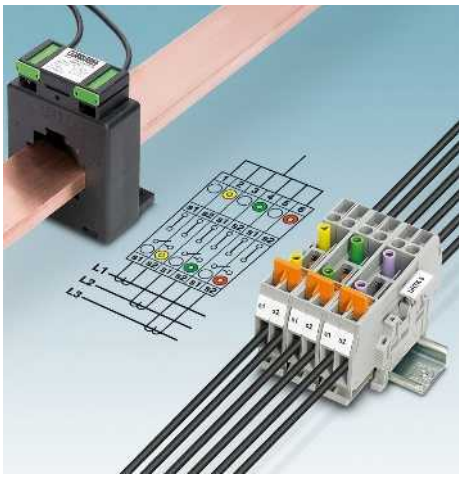
Type	I_{max}	Order No.	Pcs./Pkt.
UK 6-TK-P		**3072804**	50

Accessories

D-UK 6-T		**3072802**	50
SCBI 10-8,15	24 A	**3245134**	10
SCBI 10-8,15 ISO	24 A	**3000417**	10
TPS 3/20/5		**3246586**	10
PSBJ 6-T OG		**3070320**	10
PS-8/2,3MM RD		**3048564**	10
MPS-MT/ 4MM		**3048577**	10
KSS 8		**0311540**	10
KSS 4- 8		**0309549**	10
SF-SL 0,8X4,0-100 S-VDE		**1212588**	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

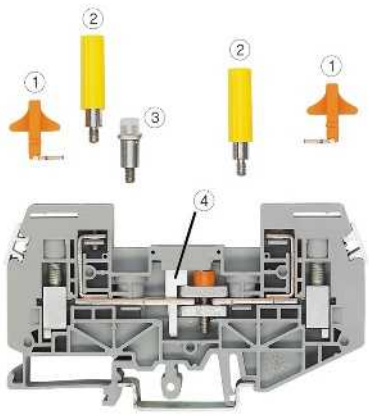
URTK 6 / UGSK 6 measuring transducers and slide-type terminal blocks

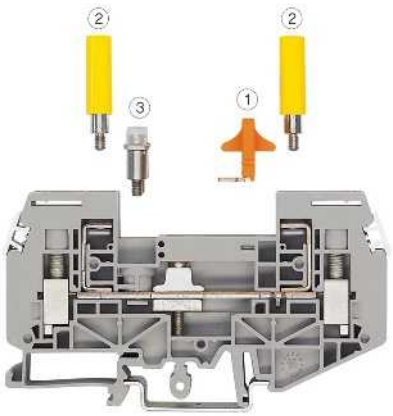




– The URTK 6 measuring transducer disconnect terminal block and the UGSK 6 slide-type terminal block were developed specifically for use in current transformer secondary circuits
– Can be fitted on both sides with fixed and switchable bridges as well as test sockets with a 4 mm diameter

– The extensive range of accessories of the URTK 6 measuring transducer disconnect terminal blocks with spring-cage connection can also be used for the SRTK 6 measuring transducer disconnect terminal blocks with screw connection
– For more information and technical data on the spring-cage connection versions, see page 186





– Only two URTK 6 measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit
– Less space required compared to creating circuits with slide-type terminal blocks

① SB... switch bar
② 4 mm Ø test sockets PSBJ−URTK 6...
③ Fixed bridge for cross connection FBRI 10−8 N
④ Switching lock S−URTK/SP

– Several measuring devices or protective relays can be connected individually using the UGSK 6 slide-type terminal block
– The slide can be connected with the switch bar depending on the switching tasks

① SB... switch bar
② 4 mm Ø test sockets PSBJ−URTK 6...
③ Fixed bridge for cross connection FBRI 10−8 N

Notes:

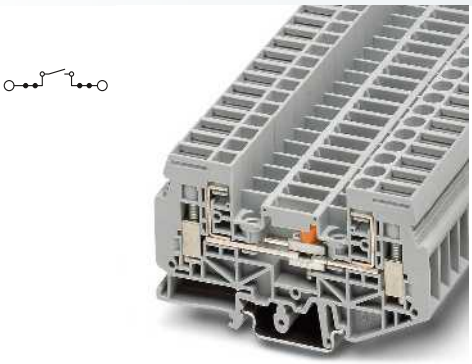
For other test sockets, see page 565.

For corresponding AP-ME and AH-ME terminal strip covers, see Catalog 3.

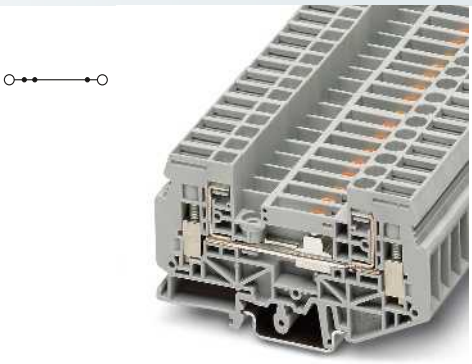
Dimensions		
		[mm]
Dimensions		
		[mm]
Maximum electrical data		
Rated data		
Rated voltage		[V]
Nominal current / cross section		[A] / [mm²]
Rated cross section		[mm²]
Cross section range		AWG
Connection capacity		
1 conductor		[mm²]
2 conductors (of the same type)		[mm²]
2 stranded conductors with a TWIN ferrule		[mm²]
General data		
Stripping length		[mm]
Terminal point: thread / torque		- / [Nm]
Disconnect slide: thread / torque		- / [Nm]
Torque: test socket, fixed bridge, switch bar		[Nm]
Insulating material		
Flammability rating according to UL 94		

Description	No. of pos.	Color
Measuring transducer disconnect terminal block, for mounting on NS 35 ... and NS 32 ...		gray
Feed-through terminal block, for mounting on NS 32... or NS 35...		gray
Cover, width: 2 mm		gray
Bridge bar, complete		
	2	orange
	3	orange
	4	orange
	10	orange
for bridging between non-adjacent terminals	10	orange
Fixed bridge, isolated		
	10	silver
Switching lock, excludes the possibility of an unintentional operation of the disconnect slide		white
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos.		black
		black
Test socket, insulated		transparent
		blue
		yellow
		green
		violet
Screwdriver, for the terminal point		
Screwdriver, for the test socket		

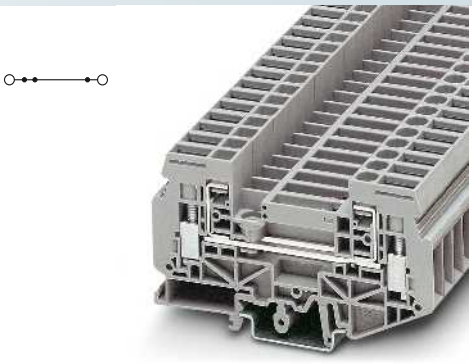
Lateral groove marking



6 (10) mm², 57 A, measuring transducer disconnect terminal block



6 (10) mm², 57 A, slide-type terminal block



6 (10) mm², 57 A, feed-through terminal block, same shape

Technical data

Width	Length	Height NS 35/7,5	
8.2	**91**	**51**	
Width	Length	Height NS 32	
8.2	**91**	**56**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**500**	**0.5 - 10**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
41 / 6	50 / -	-	-
6	-	-	-
20 - 8	26-8	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.2 - 1.4			
M3 / 0.6 - 0.8			
0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
URTK 6		3026272	50

Accessories

D-URTK 6		3026340	10
SB 2-8-T	41 A	3026366	10
SB 3-8-T	41 A	3026492	10
SB 4-8-T	41 A	3026379	10
SB 10-8-T	41 A	3026382	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	45 A	2772080	10
S-URTK/SP		0311155	50
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8.2	**91**	**51**	
Width	Length	Height NS 32	
8.2	**91**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**400**	**0.5 - 10**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	300	-	-
41 / 6	50 / -	-	-
6	-	-	-
20 - 8	26-8	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.2 - 1.4			
- / -			
-			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UGSK 6		3026285	50

Accessories

D-URTK 6		3026340	10
SB 2-8-T	41 A	3026366	10
SB 3-8-T	41 A	3026492	10
SB 4-8-T	41 A	3026379	10
SB 10-8-T	41 A	3026382	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	45 A	2772080	10
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8.2	**91**	**51**	
Width	Length	Height NS 32	
8.2	**91**	**56**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**500**	**0.5 - 10**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	-	-
41 / 6	50 / -	-	-
6	-	-	-
20 - 8	26-8	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
10			
M4 / 1.2 - 1.4			
- / -			
0.6 - 0.8			
PA			
V0			

Ordering data

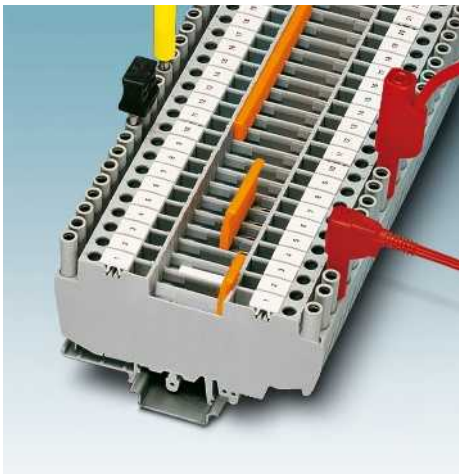
Type	I_{max}	Order No.	Pcs./Pkt.
URDK 6		3026706	50

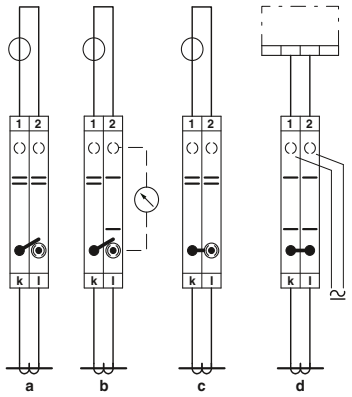
Accessories

D-URTK 6		3026340	10
SB 2-8-T	41 A	3026366	10
SB 3-8-T	41 A	3026492	10
SB 4-8-T	41 A	3026379	10
SB 10-8-T	41 A	3026382	10
SB 10-8-T SO	41 A	3026395	10
FBRI 10-8 N	45 A	2772080	10
KSSI 2-8		3000722	10
KSSI 4-8		3000735	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

URTK/SP meas. transducers disconnect terminal blocks



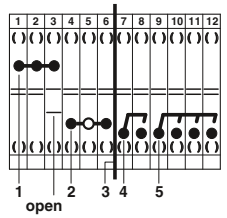


– Measuring transducer disconnect terminal block URTK/SP should be used for all measurement and test work in the current transformer secondary circuits
– The terminal blocks can be equipped with fixed and switchable bridges on both sides
– Touch-proof test sockets with 4 mm diameter are already permanently integrated
– The URTKD/SP can be used as a feed-through terminal block of the same shape without a disconnect function

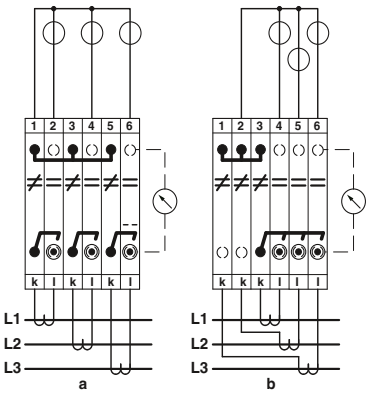
– The URTK/SP measuring transducer disconnect terminal block and the SB 2−URTK/SP 2-pos. bridge bar can be used to perform all switching tasks per current transformer core

a Normal operation
b Measurement checking
c Transformer short circuit
d Relay checking

Test disconnect terminal block URTK/SP



	Type	Order no.
1	FBI 10-8	0203263
	FB 10-URTK/SP	0311663
2	ISSBI 10-8	0301534
	+ IS-K 10	1303337
3	ATP-URTK/SP	0311139
4	SB 2-URTK/SP	0360012
5	SB 4-URTK/SP	0360025



Circuit example

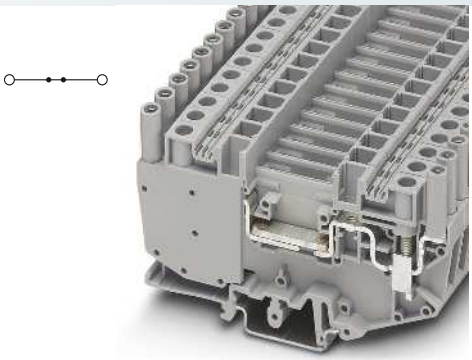
a Three-phase current transformer set
b Linked three-phase current transformer set

Dimensions	
	[mm]
Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity	
1 conductor	[mm²]
2 conductors (of the same type)	[mm²]
2 stranded conductors with a TWIN ferrule	[mm²]
General data	
Stripping length	[mm]
Terminal point: thread / torque	- / [Nm]
Disconnect slide: Thread / Torque	- / [Nm]
Insulating material	
Flammability rating according to UL 94	

Description	No. of pos.	Color
Measuring transducer disconnect terminal block, for mounting on NS 35 ... and NS 32 ...		gray
Feed-through terminal block, for mounting on NS 32... or NS 35...		gray
Fixed bridge, isolated	10	silver
Fixed bridge, for cross connections on both sides of the disconnect point, insulated, divisible, with 10 screws	10	silver
Bridge bar for 2 terminal blocks, for use on both sides of the disconnect point, inward switching movement, with 2 screws	2	silver
	4	silver
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver
Isolator bridge bar, as distance piece for isolator bridge bar		gray
Switching lock, excludes the possibility of an unintentional operation of the disconnect slide		white
Partition plate, 2 mm width		gray
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos.		black
Screwdriver		black
Lateral groove marking		



6 (10) mm², 50 A, measuring transducer disconnect terminal block



6 (10) mm², 50 A, feed-through terminal block, same shape



Short-circuit connector

Technical data

Width	Length	Height NS 35/7,5	
8.2	**99.5**	**59**	
Width	Length	Height NS 32	
8.2	**99.5**	**64**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
50	**500**	**0.5 - 10**	**26-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	300	300	-
41 / 6	45 / -	45 / -	-
6	-	-	-
20 - 8	26-8	26-8	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
11			
M4 / 1.5 - 1.8			
M3 / 0.6 - 0.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
URTK/SP		0311126	50

Accessories

FBI 10- 8	50 A	0203263	10
FB 10- URTK/SP	50 A	0311663	10
SB 2-URTK/SP	35 A	0360012	10
SB 4-URTK/SP	35 A	0360025	10
ISSBI 10- 8	35 A	0301534	10
IS-K 10		1303337	100
S-URTK/SP		0311155	50
ATP-URTK/SP		0311139	10
SZS 1,0X4,0 VDE		1205066	10

ZB 8 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
8.2	**99.5**	**59**	
Width	Length	Height NS 32	
8.2	**99.5**	**64**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
50	**500**	**0.5 - 10**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	-	-	-
41 / 6	-	-	-
6	-	-	-
20 - 8	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.5 - 4	0.5 - 2.5	-
-	-	-	0.5 - 4
11			
M4 / 1.5 - 1.8			
- / -			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
URTKD/SP		0311142	50

Accessories

FBI 10- 8	50 A	0203263	10
FB 10- URTK/SP	50 A	0311663	10
SB 2-URTK/SP	35 A	0360012	10
SB 4-URTK/SP	35 A	0360025	10
ISSBI 10- 8	35 A	0301534	10
IS-K 10		1303337	100
ATP-URTK/SP		0311139	10
SZS 1,0X4,0 VDE		1205066	10

ZB 8 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
16.2	**11**	**-**	
Width	Length	Height NS 32	
16.2	**11**	**-**	
		max. Ø [mm²]	AWG (UL)
		-	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	-
-	-	-	-
-	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
-			
- / -			
- / -			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.

Accessories

KSSI 2-8	3000722	10
KSSI 4-8	3000735	10

Screw connection measuring transducer disconnect terminal block with UK 4-SD test isolating plug

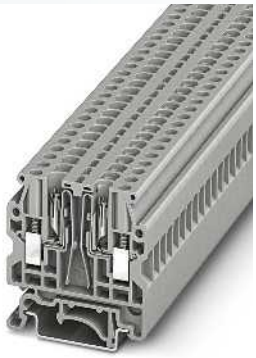
This disconnect terminal block offers numerous advantages especially for testing in measuring and signal circuits:

– Simultaneous interruption of individual or multiple neighboring disconnect terminal blocks by using the PS 6-DI-SD isolating plug
– Safe, uninterruptible looping in of measuring devices in the circuit with the aid of the PS 6−CT−SD test isolating plug
– Safe contacting of the potentials after opening the disconnect point through use of the PS 6−VT−SD test isolating plug
– Terminal points in the test isolating plugs allow individual test applications to be wired
– Easy potential distribution in the terminal strip with insertion bridges

CLIP PROJECT planning enables the quick and convenient planning and configuration of error-free terminal strips.

Circuit examples

a) Normal operation: no plug inserted
b) Measurement checking: looping in a measuring device with the PS 6-CT-SD test isolating plug
c) Current transformer short circuit: measurement split between two positions



4 (6) mm², measuring transducer disconnect terminal block

Technical data

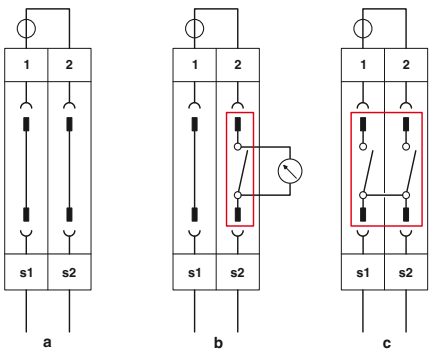
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**6.2**	**45.5**	**47.3**
Dimensions		Width	Length	Height NS 32
	[mm]	**6.2**	**45.5**	**52.3**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		10	**500**	**0.5 - 6** / **20-10**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	300	-
Nominal current / cross section	[A] / [mm²]	10 / 4	10	-
Rated cross section	[mm²]	4	-	-
Cross section range	AWG	20 - 10	20-10	-
Connection capacity		solid	stranded	ferrule / without/with plastic sleeve
1 conductor	[mm²]	0.5 - 6	0.5 - 4	0.5 - 4 / 0.5 - 4
2 conductors (of the same type)	[mm²]	0.5 - 1.5	0.5 - 1.5	0.5 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1.5
General data				
Stripping length	[mm]	9		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Measuring transducer disconnect terminal block, for mounting on NS 35		gray	**UK 4-SD**		3246861	50
Isolating plug		gray				
Test isolating plug		green				
Test isolating plug		red				

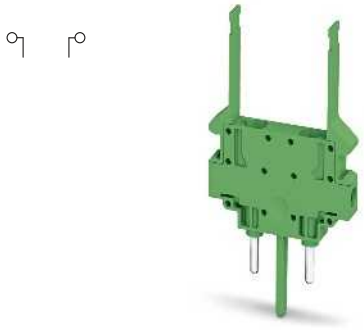
Accessories

Cover, width: 2.2 mm		gray	**D-UK 4-SD**		3246862	50
Insertion bridge, insulated						
	2	gray	**EB 2- 6**	11 A	0201155	100
	3	gray	**EB 3- 6**	11 A	0201142	100
	10	gray	**EB 10- 6**	11 A	0201139	10
Partition plate, 1.5 mm wide		gray	**ATP-UK**		3003224	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)**			

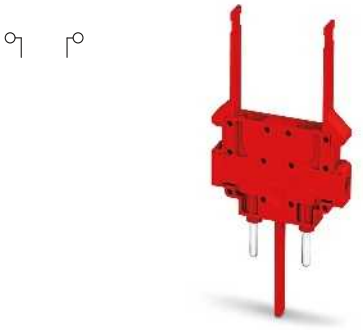




Isolating plug, disconnect function only



2.5 (2.5) mm² test disconnect plug, contacts before the signal isolation



2.5 (2.5) mm² test disconnect plug, contacts after the signal isolation

Technical data

Width	Length	Height NS 35/7,5	
6.2	**39.3**	**-**	
Width	Length	Height NS 32	
6.2	**39.3**	**-**	
		max. Ø [mm²]	AWG (UL)
		-	**20-10**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	300	-	-
- / -	-	-	-
-	-	-	-
-	20-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
-			
-			
-			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
PS 6-DI-SD	3246856	50

Accessories

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**39.3**	**-**	
Width	Length	Height NS 32	
6.2	**39.3**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
8	**250**	**0.5 - 2.5**	**20-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	-	-
6 / -	10	-	-
2.5	-	-	-
20 - 14	20-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 2.5	0.5 - 2.5	0.5 - 1.5	0.5 - 1.5
-	-	-	-
-	-	-	-
7			
M3			
0.3 - 0.5			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
PS 6-CT-SD	3246857	50

Accessories

SZF 1-0,6X3,5	1204517	10

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
6.2	**39.3**	**-**	
Width	Length	Height NS 32	
6.2	**39.3**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
8	**250**	**0.5 - 2.5**	**20-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
250	300	-	-
6 / -	10	-	-
2.5	-	-	-
20 - 14	20-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 2.5	0.5 - 2.5	0.5 - 1.5	0.5 - 1.5
-	-	-	-
-	-	-	-
7			
M3			
0.3 - 0.5			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
PS 6-VT-SD	3246858	50

Accessories

SZF 1-0,6X3,5	1204517	10

UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)

UKK ... double-level diode terminal blocks

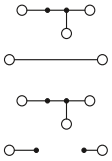
– Double-level diode terminal blocks with various forms of wiring are available for a huge range of applications
– Electronic components can be individually soldered with UKK 5−BE

Notes:

[1]) Integrated: Rectifier module B 250 C 1500, reverse voltage: 600 V, nominal voltage: 250 V, nominal current: 1.5 A

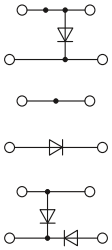
[2]) Max. installation width of components to be soldered in: 5 mm

[3]) Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A





4 (4) mm², 32 A, double-level terminal block for soldering in components





4 (4) mm², 32 A, double-level diode terminal block

EAC

eAus EAC DNV GL

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**56**	**62**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**6.2**	**56**	**67**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**500**	**0.2 - 4**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	-	-	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**56**	**62**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**6.2**	**56**	**67**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**500**	**0.2 - 4**	**26-10**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	600	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	-	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	24 - 12	26-10	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, component can be soldered in[2])		gray	**UKK 5-BE**		3048027	50
Terminal block, for soldering in a component from top to bottom left and from bottom right to bottom left[2])		gray	**UKK 5-2 BE**		3048030	50
Terminal block, with integrated 1N 4007 diode, conducting from top to bottom[3])		gray				
Terminal block, with integrated 1N 4007 diode, conducting from bottom to top[3])		gray				
Terminal block, with integrated 1N 4007 diode, conducting from bottom left to bottom right[3])		gray				
Terminal block, with two integrated 1N 4007 diodes, conducting direction from top to bottom left and from bottom right to bottom left[1])		gray				

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKK 5-DIO/O-U		2791016	50
UKK 5-DIO/U-O		2791032	50
UKK 5-DIO/UL-UR		2791029	50
UKK 5-2DIO/O-UL/UR-UL		2791113	50

Accessories

Cover, width 2.5 mm		gray	**D-UKK 3/5**	2770024	50
Spacer plate, compensates for level offsets, width 2.5 mm		gray	**DP-UKK 3/5**	2770794	50
Fixed bridge, isolated	10	silver	**FBI 10- 6**	0203250	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10
Lateral groove marking			**ZB 6 (see Catalog 3)**		

Accessories

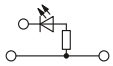
D-UKK 3/5		2770024	50		
DP-UKK 3/5		2770794	50		
FBI 10- 6	32 A	0203250	10		
SF-SL 0,6X3,5-100 S-VDE		1212587	10		
ZB 6 (see Catalog 3)					

UKK ... double-level terminal blocks with light indicator

– The integrated light indicator in UKK 5-LA ... indicates the voltage condition of the lower feed-through level
– Available in three voltage levels up to 250 V

Notes:

[1]) The operating voltage is determined by the LED version.





4 (4) mm², 32 A, double-level terminal block with LED

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**6.2**	**56**	**62**	
Dimensions	Width	Length	Height NS 32	
[mm]	**6.2**	**56**	**67**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	32	**500[1])**	**0.2 - 4**	**26-10**
Rated data	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500[1])	600	-	-
Nominal current / cross section [A] / [mm²]	32 / 4	20 / -	-	-
Rated cross section [mm²]	4	-	-	-
Cross section range AWG	24 - 12	26-10	-	-
Connection capacity	solid	stranded	ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type) [mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 1.5
General data				
Stripping length [mm]	8			
Screw thread	M3			
Tightening torque [Nm]	0.6 - 0.8			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Double-level terminal block, with LED display for 12 – 30 V DC, 0.7 – 2.4 mA		gray	**UKK 5-LA 24 RD/U-O**		2791320	50
With LED display for 30-60 V DC, 0.8-1.8 mA		gray	**UKK 5-LA 60 RD/U-O**		2791333	50
With LED display for 110–250 V AC/DC, 0.1–0.5 mA		gray	**UKK 5-LA 230**		2791359	50

Accessories

Cover, width 2.5 mm		gray	**D-UKK 3/5**		2770024	50
Spacer plate, compensates for level offsets, width 2.5 mm		gray	**DP-UKK 3/5**		2770794	50
Fixed bridge, isolated	10	silver	**FBI 10- 6**	32 A	0203250	10
Insertion bridge, insulated	2	gray	**EB 2- 6**	28 A	0201155	100
	3	gray	**EB 3- 6**	28 A	0201142	100
	10	gray	**EB 10- 6**	28 A	0201139	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver	**ISSBI 10- 6**	24 A	0301505	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 4**		1302338	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Partition plate, 2.5 mm wide		gray	**ATP-UKK 3/5**		2778521	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 6 (see Catalog 3)**			

UDK ... component terminal blocks



- The constant current circuits common in process automation transmit the measured values as a load-independent current of 0(4) - 20 mA
- A voltage signal pick-off can be implemented in the measuring line using this terminal block, thus allowing the signal to be used as an analog signal for process computers
- The four-conductor connection permits convenient wiring
- The lower level is assigned to the measuring line while the upper level is used for voltage pick-off via the 249 Ω resistor

Notes:

[1]) The current is determined by the component used.

Maximum width of components to be soldered in: 5 mm



4 (6) mm², feed-through terminal block, 4 connections, with differential voltage resistor

Technical data

Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**6.2**	**63.5**	**47**
Dimensions		Width	Length	Height NS 32
	[mm]	**6.2**	**63.5**	**52**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
			630	**0.2 - 6** / **-**
Rated data		IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	630	-	600 / -
Nominal current / cross section	[A] / [mm²]	32[1]) / 4	-	10 / -
Rated cross section	[mm²]	4	-	- / -
Cross section range	AWG	24 - 10	-	22-10 / -
Connection capacity		solid	stranded	ferrule / without/with plastic sleeve
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4 / 0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1
Max. cross section with insertion bridge	[mm²]	2.5	2.5	- / -
General data				
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.6		
Insulating material		PA		
Flammability rating according to UL 94		V2		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Differential voltage terminal block, for self-soldering a resistor		gray	**UDK 4-DUR**		2775207	50
with built-in resistor 249 Ω/ ± 1%/ 1 W		gray	**UDK 4-DUR 249**		2775249	50

Accessories

Cover, width 1.5 mm		gray	**D-UDK 4**		2775113	50
Fixed bridge, isolated	10	silver	**FBI 10- 6**	32 A	0203250	10
Insertion bridge, insulated	2	gray	**EB 2- 6**	26 A	0201155	100
	3	gray	**EB 3- 6**	26 A	0201142	100
	10	gray	**EB 10- 6**	26 A	0201139	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver	**ISSBI 10- 6**	32 A	0301505	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 4**		1302338	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 6 (see Catalog 3)**			

UDK ... LED display terminal blocks for voltage and current

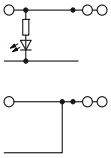
UDK 4–ULA ...

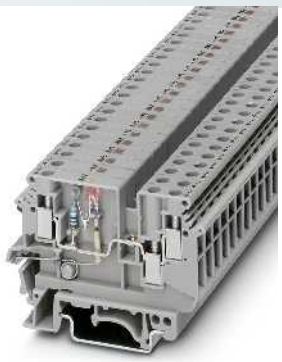
– An LED indicates the potential status of the feed-through circuit line
– The LED return conductor is implemented with an RS busbar and UDK 4–ULA/EK power terminal block

UDK 4–ILA ...

– For the 4 to 500 mA current range
– If a load current flows through the load, this is indicated by the LED

Notes:
1) Note load current diagram, see phoenixcontact.net/products
2) To neighboring terminal blocks





4 (6) mm², 32 A, feed-through terminal block, 3 connections, with voltage indicator



4 (6) mm², 0.5 A, feed-through terminal block, 4 connections, with current indicator up to 1000 mA

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**63.5**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**6.2**	**63.5**	**52**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**500²)**	**0.2 - 6**	**30-10**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500²)	600	600	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	10 / -	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	24 - 10	30-10	22-12	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 2.5
Max. cross section with insertion bridge	[mm²]	2.5	2.5	-	-
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**63.5**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**6.2**	**63.5**	**52**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		0.5¹)	**500²)**	**0.2 - 6**	**30-10**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500²)	600	600	-
Nominal current / cross section	[A] / [mm²]	0.5 / 4	0.5 / -	0.5 / -	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	24 - 10	30-10	22-10	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 2.5
Max. cross section with insertion bridge	[mm²]	2.5	2.5	-	-
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Voltage indicator terminal block, for mounting on NS 32... or NS 35..., with LED display for 15–30 V DC		gray	**UDK 4-ULA 24 RD/O-U**		2775045	50
With LED for 30-60 V DC		gray	**UDK 4-ULA 48 RD/O-U**		2775032	50
With LED for 110-230 V AC/DC		gray	**UDK 4-ULA 230**		2775058	50
Power terminal block, for connecting the reference potential to the return busbar RS, $I_{max.}$ 2 A		blue	**UDK 4-ULA/EK**		2775029	50
Return busbar, engaged in terminal block and led parallel to terminal strip, length: 1 m, Ø 3 mm		silver	**RS**		2775126	1
Current indicator terminal block, for mounting on NS 32... or NS 35..., displays the current flow of an auxiliary current circuit using the LED		black				

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UDK 4-ILA 500		2775061	50

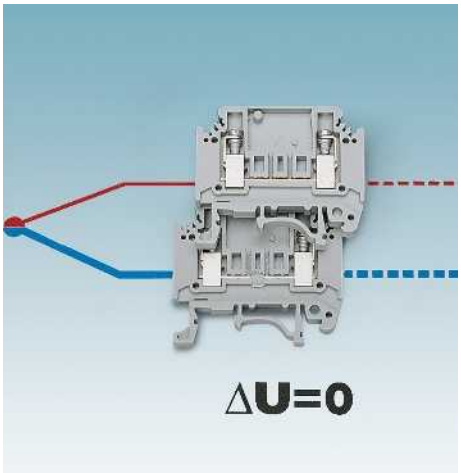
Accessories

Cover, width 1.5 mm		gray	**D-UDK 4**		2775113	50
Fixed bridge, isolated	10	silver	**FBI 10- 6**	32 A	0203250	10
Insertion bridge, insulated	2	gray	**EB 2- 6**	26 A	0201155	100
	3	gray	**EB 3- 6**	26 A	0201142	100
	10	gray	**EB 10- 6**	26 A	0201139	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 6 (see Catalog 3)**			

Accessories

D-UDK 4		2775113	50
FBI 10- 6	32 A	0203250	10
EB 2- 6	26 A	0201155	100
EB 3- 6	26 A	0201142	100
EB 10- 6	26 A	0201139	10
TS-KK 3		2770215	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 6 (see Catalog 3)			

MTKD-... thermoelectric voltage terminal block pair



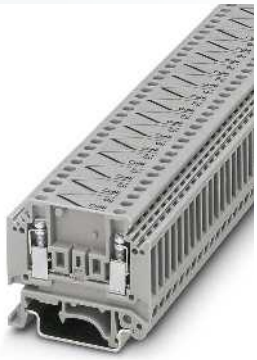
- These special terminal blocks are used to extend thermocouple equalizing conductors in corresponding measuring circuits
- The equalizing conductors are made of materials which, up to temperatures of 200°C, have the same thermal characteristics as the corresponding thermocouples
- This ensures that no false thermoelectric voltages result at the junctions of the thermocouple/terminal block/equalizing conductor and that the basic values according to EN 60584/DIN EN 60584 are adhered to

Notes:

[1]) Voltage to the neighboring feed-through terminal MTK.

For table for selecting thermoelectric voltage terminal blocks, visit phoenixcontact.net/products





2.5 (4) mm², feed-through terminal block pair

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		10.4	**46.2**	**39.9**
Dimensions				
	[mm]	Width	Length	Height NS 32
		10.4	**46.2**	**44.9**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		1	**400[1])**	**0.2 - 4 / 28-12**
Rated data		IEC 60947-7-1		
		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	400[1])	300	- / -
Nominal current / cross section	[A] / [mm²]	1 / -	10 / -	- / -
Rated cross section	[mm²]	2.5	-	- / -
Cross section range	AWG	24 - 12	28-12	- / -
Connection capacity		solid	stranded	ferrule / without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.2 - 1.5 / 0.2 - 1.5
General data				
Stripping length	[mm]	7		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

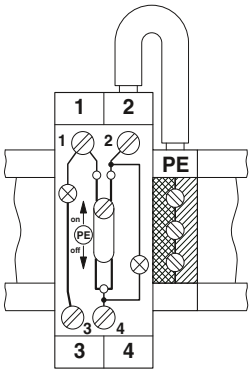
Description	Color	Type	Order No.	Pcs./Pkt.
Thermocouple terminal block pair for CU/CUNI44, Copper/constantan, USA type **T**	gray	**MTKD-CU/CUNI**	3100059	50
Thermocouple terminal block pair for FE/CUNI44, Iron/constantan, USA type **J**	gray	**MTKD-FE/CUNI**	3100046	50
Thermocouple terminal pair for NICR/CUNI44, Nickel-chrome/constantan, USA type **E**	gray	**MTKD-NICR/CUNI**	3100075	50
Thermocouple terminal block pair for NICRSI/NISI Nickel-chrome silicone/nickel silicone, USA type **N**	gray	**MTKD-NICRSI/NISI**	5043321	50
Thermocouple terminal pair for NICR/NI, Nickel-chrome/nickel, USA type **K**	gray	**MTKD-NICR/NI**	3100062	50
Thermocouple terminal block pair for E-CU/A-CU, Copper/Copper nickel, USA type **R**	gray	**MTKD-E-CU/A-CU**	3100091	50
Thermocouple terminal block pair for S-CU/E-CU, S-copper/copper, USA type **B**	gray	**MTKD-S-CU/E-CU**	3100101	50

Accessories

Cover, width: 1 mm	gray	**D-MTK**	3101029	50
Partition plate, for visual and electrical separation of terminal groups, 1.0 mm thick	gray	**ATS-MTK**	3101223	50
Screwdriver		**SZS 1,0X4,0 VDE**	1205066	10
Lateral groove marking		**ZB 10 (see Catalog 3)**		

GTF 76 ground disconnect terminal block







6 (10) mm², 57 A, ground disconnect terminal block

EN 60204-1/VDE 0113-1 "Electrical Equipment of Industrial Machines", Section 9.4.3.1 states:

"Ground faults in a control circuit may not lead to an unintentional start-up, to potentially dangerous movements or prevent the stopping of a machine."

– The ground disconnect terminal block GTF 76 conveniently solves this problem
– When the disconnect slide is closed, switch position "on", the yellow light signals grounded normal operation
– Once the disconnect slide has been opened to the "off" position, the red light indicates whether there is a ground fault in the control circuit

Note:

– Asymmetries in the cable isolation mean that the red display may easily light up even when there is no ground fault if the disconnect slide is open. This has no impact on functionality and does not affect the protective measure demanded in the VDE requirements

Attention!

– During isolation testing according to EN 60204−1/VDE 0113−1, the GTF 76 should be disconnected or bridged as otherwise the light indicator will be destroyed or a short circuit will occur

Notes:

[1]) 250 V for GTF 76/230.

Technical data

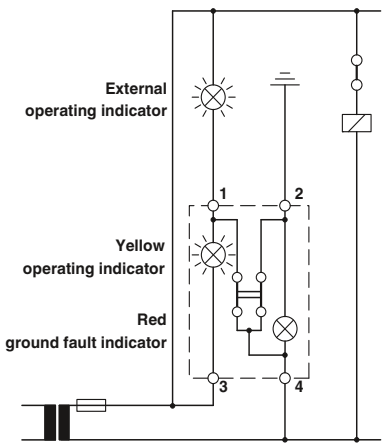
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		22.5	**64.5**	**54**
Dimensions		Width	Length	Height NS 32
	[mm]	**22.5**	**64.5**	**59**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		57	**110[1])**	**0.5 - 10** / **26-8**
Rated data		IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	110[1])	250	- / -
Nominal current / cross section	[A] / [mm²]	41 / 6	50 / -	- / -
Rated cross section	[mm²]	6	-	- / -
Cross section range	AWG	20 - 8	26-8	- / -
Connection capacity		solid	stranded	ferrule / without/with plastic sleeve
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 10 / 0.5 - 4
2 conductors (of the same type)	[mm²]	0.5 - 6	0.5 - 6	0.5 - 6 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 4
General data				
Stripping length	[mm]	12		
Screw thread		M4		
Tightening torque	[Nm]	1.2 - 1.5		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

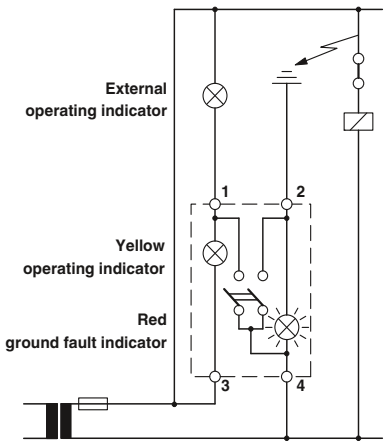
Description	Color	Type	Order No.	Pcs./Pkt.
Basic disconnect terminal block, for mounting on NS 32..., NS 35... or NS 35/15-2,3 for 110–250 V AC/DC, current: 0.5–1 mA	gray	**GTF 76/230**	**3121012**	10
Basic disconnect terminal block, for mounting on NS 32..., NS 35... or NS 35/15-2,3 for 24–48 V AC/DC, current: 3.5–8 mA	gray	**GTF 76/ 48**	**3121025**	10

Accessories

Screwdriver	**SZS 1,0X4,0 VDE**	**1205066**	10
Lateral groove marking	**ZB 10 (see Catalog 3)**		



Grounded operating mode



Ground fault

UVKB ... and UHK ... feed-through terminal blocks with flat plug connection



UVKB terminal blocks

– The front flat plug connection is the optimum wiring design for tight spaces and if cable ducts need moving close to the terminal strip
– The housing walls only protrude slightly beyond the metal parts because it is assumed that fully-isolated plug-in sleeves are connected
– The slotted plugs allow a fully isolated or two bare 2.8 mm plug-in sleeves to be slid on in place of one 6.3 mm flat plug-in sleeve

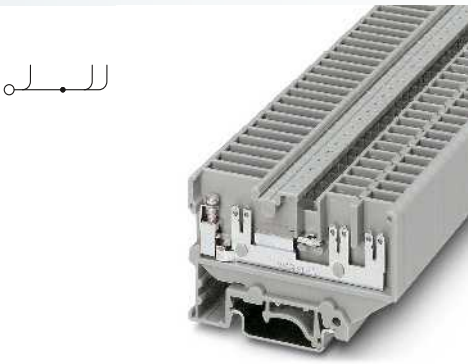
UHK terminal blocks

Owing to the characteristic arrangement of three flat connectors on each terminal block side, UHK... terminal blocks prove to be advantageous in technical applications:
– Economical use of terminal blocks and bridge connections
– Comfortable operation, i. e., free view of the connectors, good connector accessibility and quick connection check
– The marking is easily visible due to the smart wire guiding in the lateral cable ducts
– Reading the marking from the front

Notes:

For corresponding slip-on sleeves, see catalog 3.

[1]) Current and voltage data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the receptacle and conductor cross section.



4 (4) mm², 29 A, feed-through terminal block, with screw and slip-on connection

Technical data

Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**6.2**	**68**	**44**
Dimensions		Width	Length	Height NS 32
	[mm]	**6.2**	**68**	**49**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		29[1])	**500[1])**	**0.2 - 4 / 28-12**
Rated data		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	500[1])	300	- / -
Nominal current / cross section	[A] / [mm²]	29 / 4	25 / -	- / -
Rated cross section	[mm²]	4	-	- / -
Cross section range	AWG	24 - 12	28-12	- / -
Connection capacity screw connection		solid	stranded	ferrule / without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 2.5
Max. cross section with insertion bridge	[mm²]	4	4	- / -
General data				
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V2		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35..., with slotted 6.3/2.8 mm flat connectors[1])		gray	**UVKB 4-FS(6-2,8-0,8)**		1954016	50

Accessories

Cover, width: 2.2 mm		gray	**D-UVKB 4**		1920024	50
Cover, width 2.3 mm		gray				
Fixed bridge, isolated	10	silver	**FBI 10- 6**	24 A	0203250	10
Insertion bridge, insulated	2	gray	**EB 2- 6**	24 A	0201155	100
	3	gray	**EB 3- 6**	24 A	0201142	100
	10	gray	**EB 10- 6**	24 A	0201139	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver	**ISSBI 10- 6**	24 A	0301505	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 4**		1302338	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-K**		1302215	50
Partition plate, for visual and electrical separation of terminal groups, 2.3 mm thick		gray				
Test socket		silver	**PSB 3/10/4**		0601292	10
Test socket, insulated, can be used only with FBI and ISSBI		silver	**PSBJ 3/13/4**		0201304	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Center groove marking			**ZB 6 (see Catalog 3)**			



6 (6) mm², 32 A, feed-through terminal block, with spade connection

DNV GL

Technical data

Width	Length	Height NS 35/7,5	
6.2	**68**	**44**	
Width	Length	Height NS 32	
6.2	**68**	**49**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32[1])	**800[1])**	**0.5 - 6**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800[1])	300	-	-
32[1]) / 4	25 / -	-	-
4	-	-	-
20 - 10	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 6	0.5 - 6	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-			
-			
-			
-			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UVKB 4-FS/FS(8-2,8-0,8)		1953017	50

Accessories

D-UVKB 4		1920024	50
FBI 10- 6	24 A	0203250	10
ISSBI 10- 6	24 A	0301505	10
IS-K 4		1302338	100
TS-K		1302215	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10

ZB 6 (see Catalog 3)



4 (4) mm², 40 A, feed-through terminal block, with screw and slip-on connection

Technical data

Width	Length	Height NS 35/7,5	
6.2	**54**	**51.5**	
Width	Length	Height NS 32	
6.2	**54**	**56.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
40[1])	**800[1])**	**0.2 - 4**	**28-12**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800[1])	250	600	-
32[1]) / 4	25 / -	20 / -	-
4	-	-	-
24 - 12	28-12	28-14	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
4	4	-	-
9			
M3			
0.6 - 0.8			
PA			
V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UHK 4-FS(8-2,8-0,8)		2017237	50

Accessories

D-HK 4		2002022	50
EB 2- 6	30 A	0201155	100
EB 3- 6	30 A	0201142	100
EB 10- 6	30 A	0201139	10
D-UVK 4		1922022	50
SF-SL 0,6X3,5-100 S-VDE		1212587	10

ZB 6 (see Catalog 3)



6 (6) mm², 40 A, feed-through terminal block, with spade connection

Technical data

Width	Length	Height NS 35/7,5	
6.2	**54**	**51.5**	
Width	Length	Height NS 32	
6.2	**54**	**56.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
40[1])	**800[1])**	**0.5 - 6**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800[1])	250	600	-
40[1]) / -	25 / -	20 / -	-
-	-	-	-
20 - 10	-	22-14	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 6	0.5 - 6	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-			
-			
-			
-			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UHK 4-FS/FS(12-2,8-0,8)	2017224	50

Accessories

D-HK 4	2002022	50
D-UVK 4	1922022	50

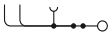
ZB 6 (see Catalog 3)

VBST ... and PVB ... feed-through terminal blocks with flat plug connection

Notes:

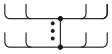
[1]) Current and voltage data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the receptacle and conductor cross section.

[2]) Nominal current of the module connector per position: 13 A





2.5 (4) mm², 32 A, feed-through terminal block, with screw and slip-on connection





6 (6) mm², 30 A, equipotential bonder terminal block with spade connection

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**72**	**39.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32[2])	**800[1])**	**0.2 - 4**	**30-10**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800[1])	300	600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	24 - 12	30-10	30-10	-
Connection capacity screw connection		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	2.5	2.5	-	-
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

Width	Length	Height NS 35/7,5		
17	**80**	**43.5**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
30[1])	**800[1])**	**0.5 - 6**	**-**	
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
800[1])	-	-	-	
30[1]) / 4	-	-	-	
4	-	-	-	
20 - 10	-	-	-	
solid	stranded	ferrule without/with plastic sleeve		
0.5 - 6	0.5 - 6	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-				
-				
-				
PA				
V2				

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35..., with two slotted 6.3/2.8 mm flat plugs and double function shaft for FBS ...6 plug-in bridges		gray	**VBSTB 4-FS (6-2,8-0,8)**	3070435	50
Terminal block, for mounting on NS 35..., with three slotted 6.3/2.8 mm flat connectors		gray	**VBST 4-FS(6-2,8-0,8)**	0852012	50
Equipotential bonder, for mounting on NS 35..., with slotted 6.3/2.8 mm flat connectors, 8 slots, terminal width: 17 mm		gray			
Equipotential bonder, for mounting on NS 35..., with slotted 6.3/2.8 mm flat connectors, 12 slots, terminal width: 23.2 mm		gray			
Equipotential bonder, for mounting on NS 35..., with slotted 6.3/2.8 mm flat connectors, 20 slots, terminal width: 35.6 mm		gray			
Equipotential bonder, for mounting on NS 35..., with slotted 6.3/2.8 mm flat connectors, 40 slots, terminal width: 66.6 mm		gray			

Ordering data

Type	Order No.	Pcs./Pkt.
PVB 2	0870023	10
PVB 3	0870036	10
PVB 5	0870052	10
PVB10	0870120	5

Accessories

Cover and **partition plate,** width 2.2 mm		gray	**D-TP-VBS**	0851026	50
Insertion bridge, insulated					
	2	gray	**EB 2- 6**	0201155	100
	3	gray	**EB 3- 6**	0201142	100
	10	gray	**EB 10- 6**	0201139	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10
Center groove marking			**ZB 6 (see Catalog 3)**		

Accessories

ZB 6 (see Catalog 3)		

Feed-through terminal blocks with flat plug connection USK ...

Notes:

[1]) Current and voltage data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the receptacle and conductor cross section.

For corresponding slip-on sleeves, see catalog 3.



4 (4) mm², 32 A, feed-through terminal block, with screw and slip-on connection



6 (6) mm², 32 A, feed-through terminal block, with spade connection

Technical data

Dimensions	Width	Length	Height NS 35/7,5		
[mm]	**6.2**	**42.5**	**45.5**		
Dimensions	Width	Length	Height NS 32		
[mm]	**6.2**	**42.5**	**50.5**		
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
	32[1])	**800[1])**	**0.2 - 4**	**28-12**	
Rated data	IEC	UL / CUL	CSA	IEC/ EN 60079-7	
Rated voltage [V]	800[1])	600	600	-	
Nominal current / cross section [A] / [mm²]	32[1]) / 4	20 / -	20 / -	-	
Rated cross section [mm²]	4	-	-	-	
Cross section range AWG	24 - 12	28-12	28-12	-	
Connection capacity	solid	stranded	ferrule without/with plastic sleeve		
1 conductor [mm²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5	
2 conductors (of the same type) [mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5	-	
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 2.5	
Max. cross section with insertion bridge [mm²]	2.5	2.5	-	-	
General data					
Stripping length [mm]	9				
Screw thread	M3				
Tightening torque [Nm]	0.6 - 0.8				
Insulating material	PA				
Flammability rating according to UL 94	V2				

Technical data

Width	Length	Height NS 35/7,5		
6.2	**42.5**	**45.5**		
Width	Length	Height NS 32		
6.2	**42.5**	**50.5**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
32[1])	**800[1])**	**0.5 - 6**	**-**	
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
800[1])	600	600	-	
32[1]) / 4	20 / -	20 / -	-	
4	-	-	-	
20 - 10	-	-	-	
solid	stranded	ferrule without/with plastic sleeve		
0.5 - 6	0.5 - 6	-	-	
-	-	-	-	
-	-	-	-	
-	-	-	-	
-				
M3				
-				
PA				
V2				

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	**USK 4-FSR(4-2,8-0,8)**		0270018	50
Terminal block, for mounting on NS 32... or NS 35..., with slotted 6.3/2.8 mm flat connectors		gray				

Ordering data

Type	Order No.	Pcs./Pkt.
USK 4-FS/FS(8-2,8-0,8)	0271017	50

Accessories

Cover, width 1.3 mm		gray	**D-USK 4/10**	0260028	50
Insertion bridge, insulated					
	2	gray	**EB 2- 6** 24 A	0201155	100
	3	gray	**EB 3- 6** 24 A	0201142	100
	10	gray	**EB 10- 6** 24 A	0201139	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**	1212587	10
Center groove marking			**ZB 6 (see Catalog 3)**		

Accessories

D-USK 4/10	0260028	50
ZB 6 (see Catalog 3)		

UKK ... double-level terminal blocks with screw/flat plug connection





4 (4) mm², 20 A, double-level terminal block with screw and slip-on connection

Notes:

Important note:
The notched partition plate must be removed to bridge the terminal blocks.

For corresponding slip-on sleeves, see catalog 3.

1) Current and voltage data for slip-on connections in acc. with EN 61210 are also dependent on nominal size, material, insulation of the receptacle and conductor cross section.

Technical data

Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**6.2**	**72**	**59**
Dimensions		Width	Length	Height NS 32
	[mm]	**6.2**	**72**	**64**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		20[1])	**400[1])**	**0.2 - 4 / 30-10**
Rated data		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	400[1])	300	- / -
Nominal current / cross section	[A] / [mm²]	20[1]) / 4	20 / -	- / -
Rated cross section	[mm²]	4	-	- / -
Cross section range	AWG	24 - 12	30-10	- / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	4	2.5	- / -
General data				
Stripping length	[mm]	8		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V2		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Double-level terminal block, with disconnect knife, for mounting on NS 32... or NS 35..., with screw connection and slotted 6.3/2.8 mm flat connectors		gray	**UKK 4-FS**		2770561	50
Double-level terminal block, with disconnect knife, for mounting on NS 32... or NS 35..., with slotted 6.3/2.8 mm flat connectors on both sides		gray				

Accessories

Cover, width 1.5 mm		gray	**D-UKK 4**		2770558	50
Fixed bridge, isolated	10	silver	**FBI 10- 6**	20 A	0203250	10
Insertion bridge, insulated	2	gray	**EB 2- 6**	20 A	0201155	100
	3	gray	**EB 3- 6**	20 A	0201142	100
	10	gray	**EB 10- 6**	20 A	0201139	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver	**ISSBI 10- 6**	20 A	0301505	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 4**		1302338	100
Test socket		silver	**PSB 3/10/4**		0601292	10
Test socket, insulated, can be used only with FBI and ISSBI		silver	**PSBJ 3/13/4**		0201304	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 6 (see Catalog 3)**			



6 (6) mm², 20 A, double-level terminal block with spade connection

Technical data

Width	Length	Height NS 35/7,5	
6.2	**72**	**59**	
Width	Length	Height NS 32	
6.2	**72**	**64**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20[1])	**400[1])**	**0.5 - 6**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400[1])	300	-	-
20[1]) / 4	20 / -	-	-
4	-	-	-
20 - 10	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 6	0.5 - 6	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-			
-			
-			
PA			
V0			

Ordering data

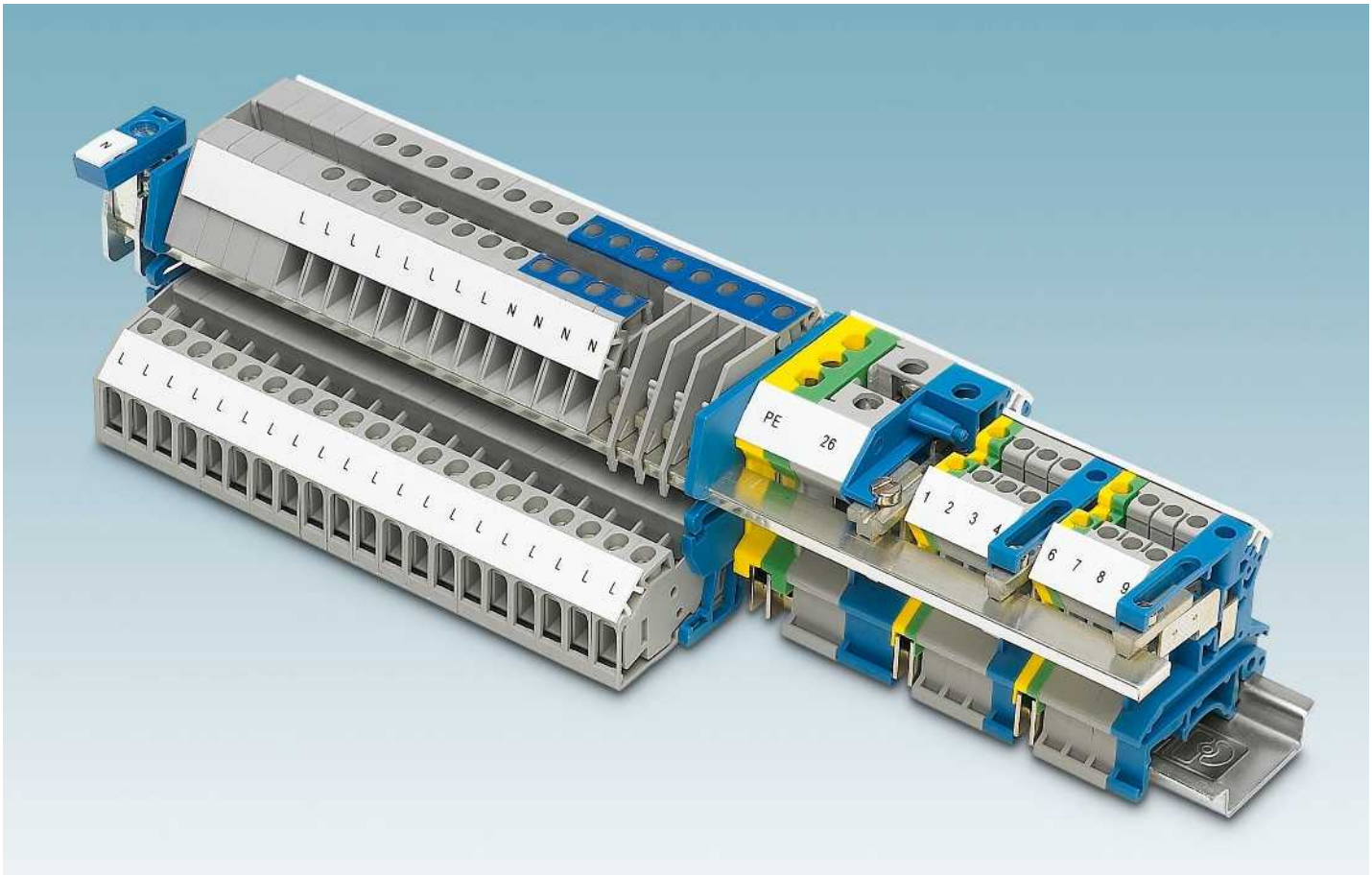
Type	I_{max}	Order No.	Pcs./Pkt.
UKK 4-FS/FS		**2771133**	50

Accessories

D-UKK 4		**2770558**	50
FBI 10- 6	20 A	**0203250**	10
ISSBI 10- 6	20 A	**0301505**	10
IS-K 4		**1302338**	100
PSB 3/10/4		**0601292**	10
PSBJ 3/13/4		**0201304**	10

ZB 6 (see Catalog 3)

UIK ... installation terminal blocks

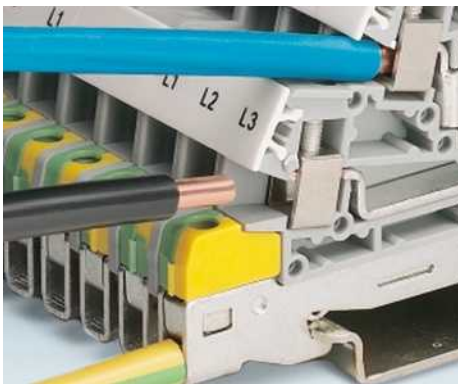


Your web code: #0060



For flexible combinations

All installation terminal blocks with the various connection technologies (Push-in, STI, and UTN) can be freely combined. The neutral busbar is on one level across all installation terminal blocks.



Space-saving structure

Compact three-level installation terminal blocks with up to a 10 mm² conductor connection are available for installing larger three-phase consumers such as ventilation motors or consumers in commercial kitchens.

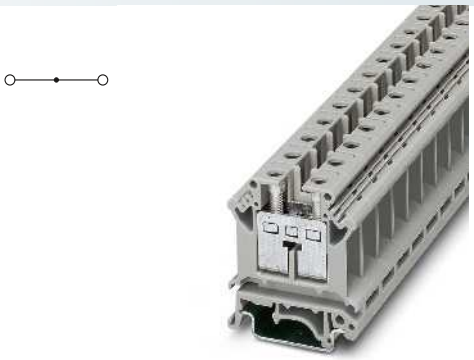


Installation accessories

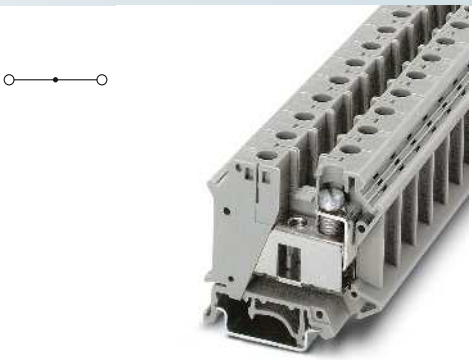
There is an extensive range of accessories for potential distribution and supply. The AKG connection terminal blocks satisfy the requirements of the DIN VDE 0100 or VDE 0113−1 standard in terms of color labeling and the ability to label each terminal block.

UIK ... installation terminal blocks

- Installation terminal blocks with a particularly low shape for use in flat distributors
- The asymmetric arrangement of the terminal blocks on the DIN rail allows the PEN conductor busbar to be routed to the terminal blocks
- The standard feed-through terminal blocks UK 1,5 N to UK 16 N can be used in conjunction with the PEN conductor busbar



16 (25) mm², 101 A, feed-through terminal block



35 (35) mm², 125 A, feed-through terminal block

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**12.2**	**42.5**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**12.2**	**42.5**	**52**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		101	**400**	**2.5 - 25**	**22-4**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	600	600	-
Nominal current / cross section	[A] / [mm²]	76 / 16	85 / -	85 / -	-
Rated cross section	[mm²]	16	-	-	-
Cross section range	AWG	12 - 4	22-4	22-4	-
Connection capacity		solid	stranded	ferrule	ferrule without/with plastic sleeve
1 conductor	[mm²]	2.5 - 25	4 - 16	1.5 - 16	1.5 - 16
2 conductors (of the same type)	[mm²]	1.5 - 6	1.5 - 6	1.5 - 4	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.75 - 10
Max. cross section with insertion bridge	[mm²]	16	16	-	-
General data					
Stripping length	[mm]	11			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	**UIK 16**		3006153	50
		blue	**UIK 16 BU**		3006205	50

Accessories

Cover, width 1.8 mm		gray	**D-UK 4/10**		3003020	50
		blue	**D-UK 4/10 BU**		3003101	50
Fixed bridge, isolated						
	2	silver				
	3	silver				
	10	silver	**FBI 10-12**	101 A	0203454	10
Insertion bridge, divisible, fully insulated						
	2	gray				
	3	gray				
	10	gray	**EB 10-12**	68 A	3006137	10
Bridge bar for 2 terminal blocks, complete, only mount with short link						
	2	silver				
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-K**		1302215	50
Partition plate, 1.5 mm wide		gray	**ATP-UK**		3003224	50
Test socket, for test connection with test plug PS		silver	**PSB 4/7/6**		0303299	10
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Lateral groove marking			**ZB 12 (see Catalog 3)**			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**15.2**	**55**	**51**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**15.2**	**55**	**56**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		125	**800**	**0.75 - 35**	**18-2**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	125 / 35	115 / -	130 / -	-
Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	18 - 2	18-2	18-2	-
Connection capacity		solid	stranded	ferrule	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
2 conductors (of the same type)	[mm²]	0.75 - 10	0.75 - 10	0.75 - 10	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.75 - 6
Max. cross section with insertion bridge	[mm²]	35	35	-	-
General data					
Stripping length	[mm]	16			
Screw thread		M6			
Tightening torque	[Nm]	3.2 - 3.7			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UIK 35		3006182	50
UIK 35 BU		3006302	50

Accessories

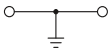
FBI 2-15	125 A	0201333	10
FBI 3-15	125 A	0201278	10
EB 2-15 K/UK 35	101 A	0205119	10
EB 3-15 K/UK 35	101 A	0205106	10
EB 10-15 K/UK 35	101 A	0205096	10
SBH 2-15	120 A	0205232	1
TS-K		1302215	50
PSB 6/5/6		0205290	10
SZS 1,0X4,0 VDE		1205066	10
ZB 15 (see Catalog 3)			

UISLKG ... installation ground terminals

– The standard USKLG 1,5 N to USLKG 16 N ground terminals can be used in conjunction with the PEN conductor busbar

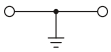
Notes:

Current carrying capacity of DIN rails, see page 650.





16 (25) mm², 101 A, ground terminal





35 (35) mm², 125 A, ground terminal

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**12**	**42.5**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**12**	**42.5**	**52**	
Maximum electrical data		$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)
		101		**2.5 - 25**	**22-4**
Rated data		IEC 60947-7-2 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-	-
Nominal current / cross section	[A] / [mm²]	76 / 16	-	- / -	-
Rated cross section	[mm²]	16	-	-	-
Cross section range	AWG	12 - 3	22-4	22-4	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	2.5 - 25	4 - 16	1.5 - 16	1.5 - 16
2 conductors (of the same type)	[mm²]	1.5 - 6	1.5 - 4	1.5 - 6	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.75 - 10
General data					
Stripping length	[mm]	11			
Terminal point: thread / torque	- / [Nm]	M4 / 1.5 - 1.8			
Mounting: thread / torque	- / [Nm]	PE foot with mounting screw, M4 / 1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal, for mounting on NS 32... or NS 35...	green-yellow	**UISLKG 16**	0443052	50
Ground terminal, for mounting on NS 35/15–2,3	green-yellow	**UISLKG 16-1**	3001789	50

Accessories

Screwdriver	**SZS 1,0X6,5 VDE**	1205079	10
Lateral groove marking	**ZB 12 (see Catalog 3)**		

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**15**	**55**	**51**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**15**	**55**	**56**	
Maximum electrical data		$I_{max.}$ [A]		max. Ø [mm²]	AWG (UL)
		125		**0.75 - 35**	**18-2**
Rated data		IEC 60947-7-2 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	-	-	-	-
Nominal current / cross section	[A] / [mm²]	125 / 35	-	-	-
Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	18 - 2	18-2	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
2 conductors (of the same type)	[mm²]	0.75 - 16	0.75 - 10	0.75 - 10	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.75 - 6
General data					
Stripping length	[mm]	16			
Terminal point: thread / torque	- / [Nm]	M6 / 3.2 - 3.7			
Mounting: thread / torque	- / [Nm]	PE foot with mounting screw, M5 / 2.5 - 3			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UISLKG 35	0443065	50
UISLKG 35-1	3001776	50

Accessories

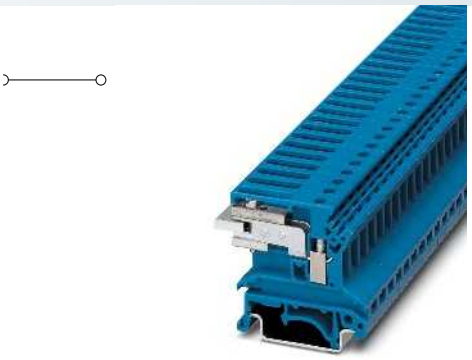
SZS 1,0X6,5 VDE	1205079	10
ZB 15 (see Catalog 3)		

UKN ... neutral conductor disconnect terminal blocks

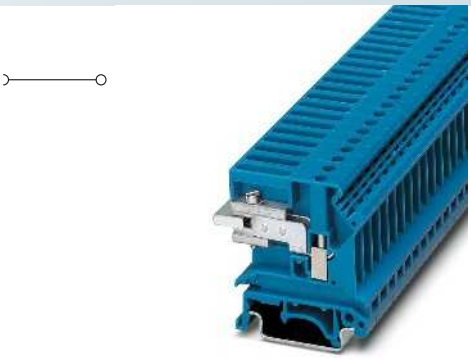
– With screw disconnect slide
– Same shape as feed-through, ground conductor and installation terminal blocks

Notes:

Assembly instructions:
For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.



2.5 (4) mm², 32 A, neutral disconnect terminal block



4 (6) mm², 36 A, neutral disconnect terminal block

EAC

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**43.5**	**42**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**6.2**	**43.5**	**47**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**400**	**0.2 - 4**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	-	-	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	ferrule	without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
General data					
Stripping length	[mm]	7			
Terminal point: thread / torque	- / [Nm]	M3 / 0.6 - 0.8			
Disconnect slide: Thread / Torque	- / [Nm]	M2,5 / 0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Neutral conductor disconnect terminal block, with universal foot for mounting on NS 32... or NS 35...	blue	**UKN 2,5 BU**		3032004	50

Accessories

Connection terminal block, steel, is pushed onto the NLS neutral busbar, can be labeled using ZB, with insulating cap, solid up to 16 mm², 10 mm wide	blue	**AKG 16 BU**		0423014	50
	blue	**AKG 35 BU**		0424013	50
Cover, width 1.5 mm	blue	**D-UKN 2,5**		3032017	50
PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver	**NLS-CU 3/10 SN 1000MM**	140 A	0402174	10
Cover profile, for neutral busbar, 1 m long	transparent	**AP-NLS**		5037133	10
Support bracket, blue insulating material, for holding the neutral busbar, must be set every 20 cm, 2 mm wide	blue	**UAB**		3032428	50
Support bracket, for fixing DIN rails 21 mm above the mounting surface, with M6 screw, countersunk fixing hole 6.1 mm Ø, can also be used for protective insulation of terminal strips	gray	**AB/NS**		1201141	10
Screwdriver		**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking		**ZB 6 (see Catalog 3)**			

EAC

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**6.2**	**43.5**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**6.2**	**43.5**	**52**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		36	**400**	**0.2 - 6**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	-	-	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	24 - 10	-	-	-
Connection capacity		solid	stranded	ferrule	without/with plastic sleeve
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 2.5
General data					
Stripping length	[mm]	7			
Terminal point: thread / torque	- / [Nm]	M3 / 0.6 - 0.8			
Disconnect slide: Thread / Torque	- / [Nm]	M2,5 / 0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Neutral conductor disconnect terminal block, with universal foot for mounting on NS 32... or NS 35...	blue	**UKN 5 BU**		3032088	50

Accessories

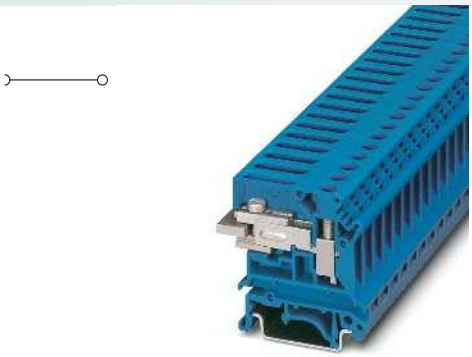
Connection terminal block, steel, is pushed onto the NLS neutral busbar, can be labeled using ZB, with insulating cap, solid up to 16 mm², 10 mm wide	blue	**AKG 16 BU**		0423014	50
	blue	**AKG 35 BU**		0424013	50
Cover, width 1.5 mm	blue	**D-UK 4/10 BU**		3003101	50
PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver	**NLS-CU 3/10 SN 1000MM**	140 A	0402174	10
Cover profile, for neutral busbar, 1 m long	transparent	**AP-NLS**		5037133	10
Support bracket, blue insulating material, for holding the neutral busbar, must be set every 20 cm, 2 mm wide	blue	**UAB**		3032428	50
Support bracket, for fixing DIN rails 21 mm above the mounting surface, with M6 screw, countersunk fixing hole 6.1 mm Ø, can also be used for protective insulation of terminal strips	gray	**AB/NS**		1201141	10
Screwdriver		**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking		**ZB 6 (see Catalog 3)**			

UKN ... neutral conductor disconnect terminal blocks

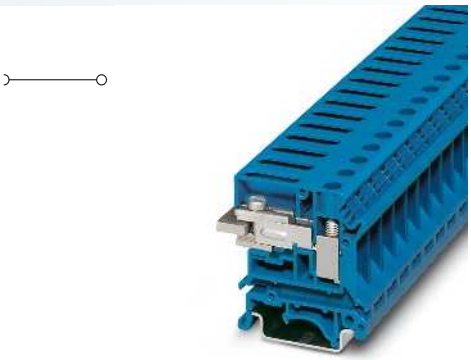
– With screw disconnect slide
– Same shape as feed-through, ground conductor and installation terminal blocks

Notes:

Assembly instructions:
For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.



6 (10) mm², 50 A, neutral disconnect terminal block



10 (16) mm², 63 A, neutral disconnect terminal block

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**8.2**	**43.5**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**8.2**	**43.5**	**52**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		50	**400**	**0.2 - 10**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	41 / 6	-	-	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	24 - 8	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 4
General data					
Stripping length	[mm]	10			
Terminal point: thread / torque	- / [Nm]	M4 / 1.5 - 1.8			
Disconnect slide: Thread / Torque	- / [Nm]	M3 / 0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**10.2**	**43.5**	**47.3**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**10.2**	**43.5**	**52.3**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		63	**400**	**0.5 - 16**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	57 / 10	-	-	-
Rated cross section	[mm²]	10	-	-	-
Cross section range	AWG	20 - 6	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 6
General data					
Stripping length	[mm]	10			
Terminal point: thread / torque	- / [Nm]	M4 / 1.5 - 1.8			
Disconnect slide: Thread / Torque	- / [Nm]	M3 / 0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Neutral conductor disconnect terminal block, with universal foot for mounting on NS 32... or NS 35...	blue	**UKN 6 N BU**		3024041	50

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UKN 10 N BU		3003910	50

Accessories

Connection terminal block, steel, is pushed onto the NLS neutral busbar, can be labeled using ZB, with insulating cap, solid up to 16 mm², 10 mm wide	blue	**AKG 16 BU**		0423014	50
	blue	**AKG 35 BU**		0424013	50
Cover, width 1.8 mm	blue	**D-UK 4/10 BU**		3003101	50
PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver	**NLS-CU 3/10 SN 1000MM**	140 A	0402174	10
Support bracket, blue insulating material, for holding the neutral busbar, must be set every 20 cm, 2 mm wide	blue	**UAB**		3032428	50
Support bracket, for fixing DIN rails 21 mm above the mounting surface, with M6 screw, countersunk fixing hole 6.1 mm Ø, can also be used for protective insulation of terminal strips	gray	**AB/NS**		1201141	10
Screwdriver		**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking		**ZB 8 (see Catalog 3)**			

Accessories

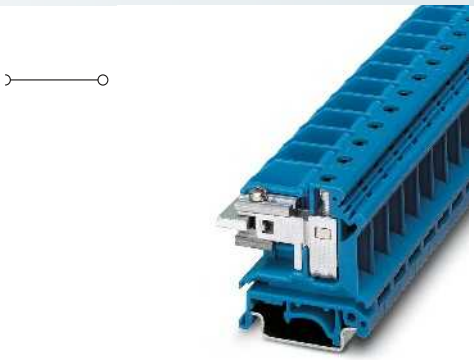
AKG 16 BU				0423014	50
AKG 35 BU				0424013	50
D-UK 4/10 BU				3003101	50
NLS-CU 3/10 SN 1000MM	140 A			0402174	10
UAB				3032428	50
AB/NS				1201141	10
SF-SL 0,6X3,5-100 S-VDE				1212587	10
ZB 10 (see Catalog 3)					

UIKN ... neutral conductor disconnect terminal blocks

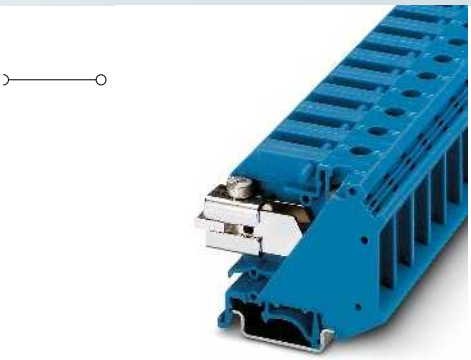
– With screw disconnect slide
– Same shape as feed-through, ground conductor and installation terminal blocks

Notes:

Assembly instructions:
For secure fastening of the neutral busbar, supports must be set at the beginning and end of each terminal strip as well as every 20 cm on longer terminal strips.



16 (25) mm², 90 A, neutral disconnect terminal block



35 (35) mm², 110 A, neutral disconnect terminal block

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**12**	**43.5**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**12**	**43.5**	**52**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		90	**400**	**2.5 - 25**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	76 / 16	-	-	-
Rated cross section	[mm²]	16	-	-	-
Cross section range	AWG	12 - 4	-	-	-
Connection capacity		solid	stranded	ferrule	ferrule without/with plastic sleeve
1 conductor	[mm²]	2.5 - 25	4 - 16	1.5 - 16	1.5 - 16
2 conductors (of the same type)	[mm²]	1.5 - 6	1.5 - 4	1.5 - 6	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.75 - 10
General data					
Stripping length	[mm]	11			
Terminal point: thread / torque	- / [Nm]	M4 / 1.5 - 1.8			
Disconnect slide: Thread / Torque	- / [Nm]	M3 / 0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**15**	**55**	**51**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**15**	**55**	**56**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		110	**400**	**0.75 - 35**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	110 / 35	-	-	-
Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	18 - 2	-	-	-
Connection capacity		solid	stranded	ferrule	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
2 conductors (of the same type)	[mm²]	0.75 - 10	0.75 - 10	0.75 - 10	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.75 - 6
General data					
Stripping length	[mm]	16			
Terminal point: thread / torque	- / [Nm]	M6 / 3.2 - 3.7			
Disconnect slide: Thread / Torque	- / [Nm]	M5 / 2.5 - 3			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Neutral conductor disconnect terminal block, with universal foot for mounting on NS 32... or NS 35...	blue	**UIKN 16 BU**		3006166	50

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
UIKN 35 BU		3034015	50

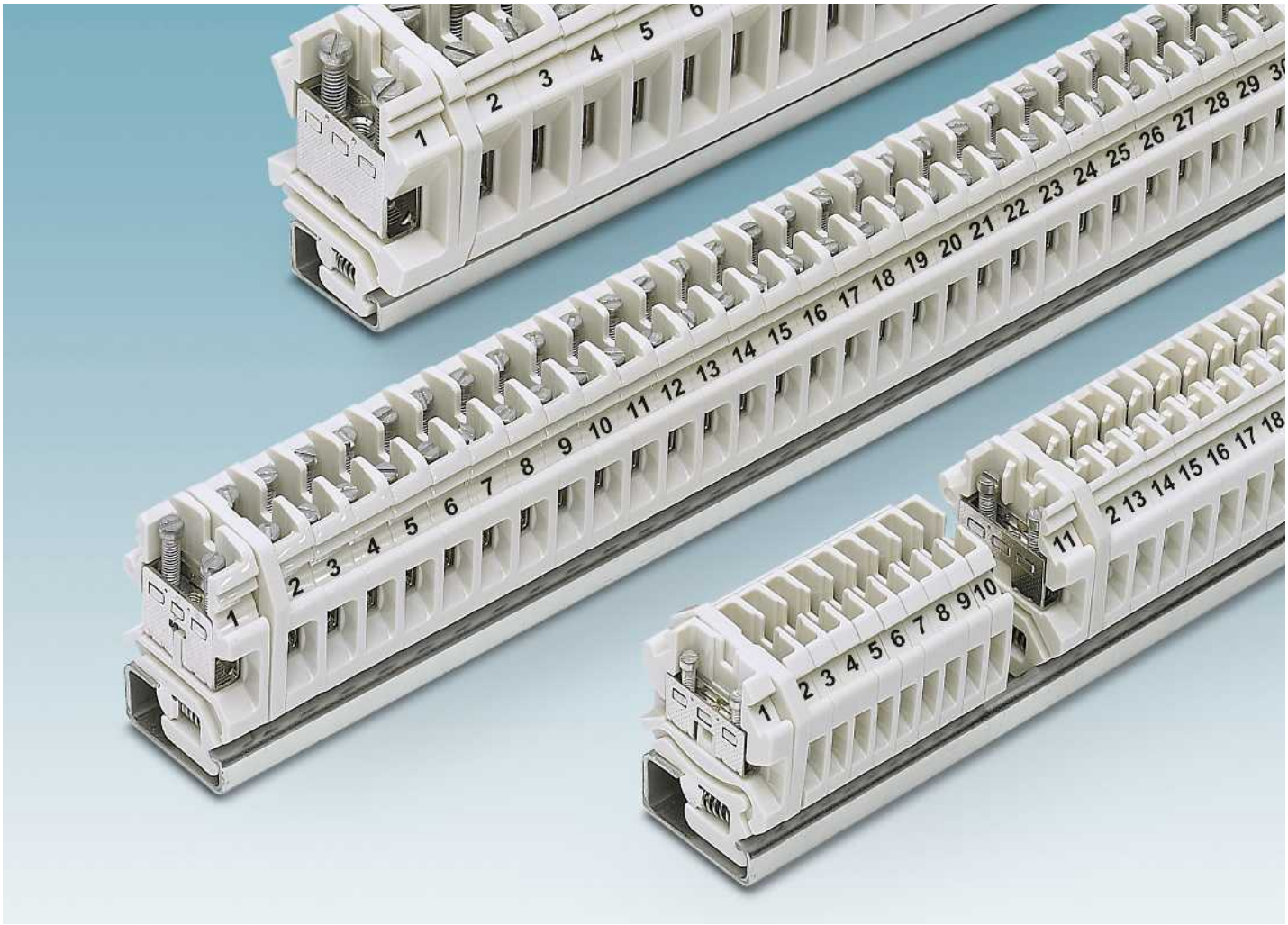
Accessories

Connection terminal block, steel, is pushed onto the NLS neutral busbar, can be labeled using ZB, with insulating cap, solid up to 16 mm², 10 mm wide	blue	**AKG 16 BU**		0423014	50
	blue	**AKG 35 BU**		0424013	50
Cover, width 1.8 mm	blue	**D-UK 4/10 BU**		3003101	50
PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver	**NLS-CU 3/10 SN 1000MM**	140 A	0402174	10
Support bracket, blue insulating material, for holding the neutral busbar, must be set every 20 cm, 2 mm wide	blue	**UAB**		3032428	50
Support bracket, for fixing DIN rails 21 mm above the mounting surface, with M6 screw, countersunk fixing hole 6.1 mm Ø, can also be used for protective insulation of terminal strips	gray	**AB/NS**		1201141	10
Screwdriver		**SZS 1,0X4,0 VDE**		1205066	10
Lateral groove marking		**ZB 10 (see Catalog 3)**			

Accessories

AKG 16 BU				0423014	50
AKG 35 BU				0424013	50
NLS-CU 3/10 SN 1000MM	140 A			0402174	10
UAB				3032428	50
AB/NS				1201141	10
SZS 1,0X4,0 VDE				1205066	10
ZB 10 (see Catalog 3)					

SSK ceramic terminal blocks



Your web code: #1403



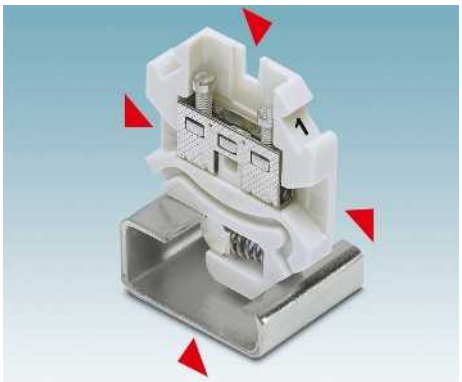
Safe in all applications

The SSK terminal blocks with ceramic isolation approved as standard for areas at risk of explosion are recommended for use anywhere with tough operating conditions, especially in terms of temperature and chemical aggressiveness.



For high-temperature applications

One of the key features of the ceramic terminal blocks is that they can be used continuously at high temperatures of up to 220 °C. They are recommended for sites with high thermal requirements and extreme changes in temperature.



Compact design

Given the space-saving design, SSK ceramic terminal blocks are ideally suited to control systems in tight spaces.

SSK ... ceramic feed-through terminal blocks

- Compact design
- Mounting on G DIN rail NS 32
- Secure snapping into place using snap lock in terminal block foot
- Simple potential distribution thanks to chain bridging

Notes:

[1]) For information on installation and using accessories for Ex applications, see page 644.



4 (4) mm², 32 A, feed-through terminal block

Ex: EAC Ex

KEMA 03ATEX2382U / IECEx KEM 06.0045U

Technical data

Dimensions		Width	Length	Height NS 32
	[mm]	**6.2**	**38**	**48**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] AWG (UL)
		32	**690**	**0.2 - 4** **-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	[V]	690	-	600 440
Nominal current / cross section	[A] / [mm²]	24 / 2.5	-	20 / - 32 / 4
Rated cross section	[mm²]	2.5	-	- 0.2-4
Cross section range	AWG	24 - 12	-	22-12 24 - 12
Connection capacity screw connection		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 2.5 0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- 0.5 - 1.5
General data				
Stripping length	[mm]	9		
Screw thread		M3		
Tightening torque	[Nm]	0.5 - 0.6		
Insulating material		Keramik		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32...		white	**SSK 0525 KER-EX**		0501059	50

Accessories[1])

Cover, 4 mm width		white	**D-SSK 0525 KER**		0201061	50
Chain bridge, with screw	1	silver	**KB- 6**	34 A	0201472	100
End clamp, for DIN rail NS 32		silver	**E/1**		1201044	100
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 6 (see Catalog 3)**			

SSK ... ceramic feed-through terminal blocks

- Compact design
- Mounting on G DIN rail NS 32
- Secure snapping into place using snap lock in terminal block foot
- Simple potential distribution thanks to chain bridging

Notes:

[1]) For information on installation and using accessories for Ex applications, see page 644.



6 (10) mm², 57 A, feed-through terminal block

Ex: EAC Ex
KEMA 03ATEX2382U / IECEx KEM 06.0045U

Technical data

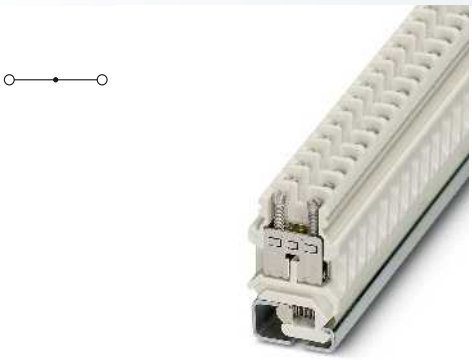
Dimensions		Width	Length	Height NS 32
	[mm]	**8.4**	**38**	**51**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		57	**800**	**0.5 - 10**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	Ex IEC/ EN 60079-7
Rated voltage	[V]	800	-	600	440
Nominal current / cross section	[A] / [mm²]	41 / 6	-	55 / -	40 / 6
Rated cross section	[mm²]	6	-	-	0.5-6
Cross section range	AWG	20 - 8	-	26-8	20 - 8
Connection capacity screw connection		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 4
2 conductors (of the same type)	[mm²]	0.5 - 2.5	0.5 - 2.5	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 2.5
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		Keramik			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32...		white	**SSK 110 KER-EX**		0502058	50

Accessories[1])

Cover, 4 mm width		white	**D-SSK 110 KER**		0202060	50
Chain bridge, with screw	1	silver	**KB- 8**	43 A	0202206	100
End clamp, for DIN rail NS 32		silver	**E/1**		1201044	100
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 8 (see Catalog 3)**			



10 (16) mm², 76 A, feed-through terminal block

Ex: EAC Ex
KEMA 03ATEX2382U / IECEx KEM 06.0045U

Technical data

Width	Length	Height NS 32	
10.4	**38**	**55**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
76	**630**	**0.5 - 16**	**-**
IEC 60947-7-1			Ex
IEC	UL / CUL	CSA	IEC/ EN 60079-7
630	-	600	440
57 / 10	-	80 / -	57 / 10
10	-	-	0.5-10
20 - 6	-	24-6	20 - 6
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
0.5 - 4	0.5 - 4	0.5 - 4	-
-	-	-	0.5 - 6
11			
M4			
1.5 - 1.8			
Keramik			

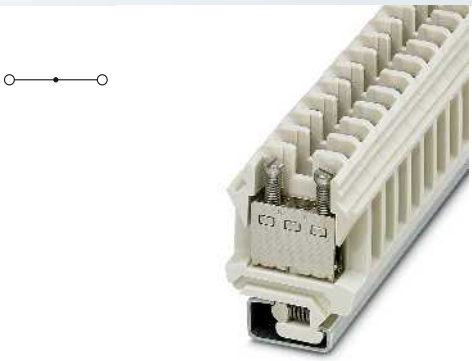
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
SSK 116 KER-EX		0503057	50

Accessories[1])

D-SSK 116 KER		0203069	50
KB- 10	57 A	0203205	100
E/1		1201044	100
SZS 1,0X4,0 VDE		1205066	10

ZB 10 (see Catalog 3)



25 (35) mm², 125 A, feed-through terminal block

Ex: EAC Ex
KEMA 03ATEX2382U / IECEx KEM 06.0045U

Technical data

Width	Length	Height NS 32	
15.3	**53**	**67**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
125	**800**	**1 - 35**	**-**
IEC 60947-7-1			Ex
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	-	-	690
125 / 35	-	-	101 / 25
35	-	-	1.0-25
18 - 2	-	-	18 - 2
solid	stranded	ferrule without/with plastic sleeve	
1 - 35	1 - 25	0.75 - 25	0.75 - 16
0.75 - 10	0.75 - 10	0.75 - 10	-
-	-	-	0.75 - 10
16			
M6			
3.2 - 3.7			
Keramik			

Ordering data

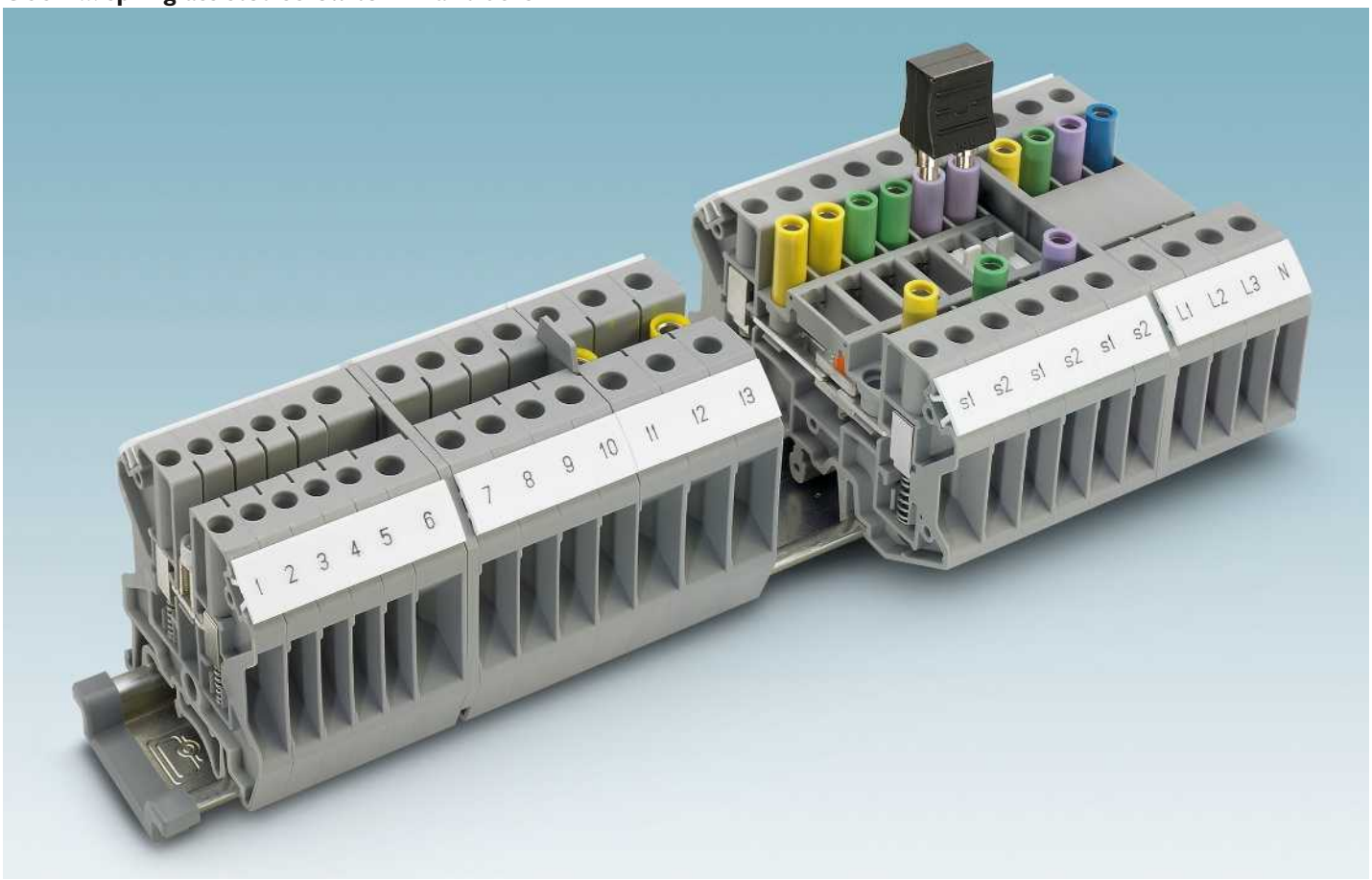
Type	I_{max}	Order No.	Pcs./Pkt.
SSK 135 KER-EX		0505055	10

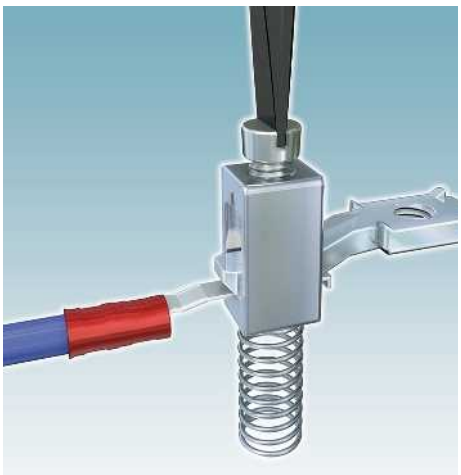
Accessories[1])

D-SSK 135 KER		0205067	50
KBI- 15	108 A	0205203	10
E/1		1201044	100
SZS 1,0X4,0 VDE		1205066	10

ZB 15 (see Catalog 3)

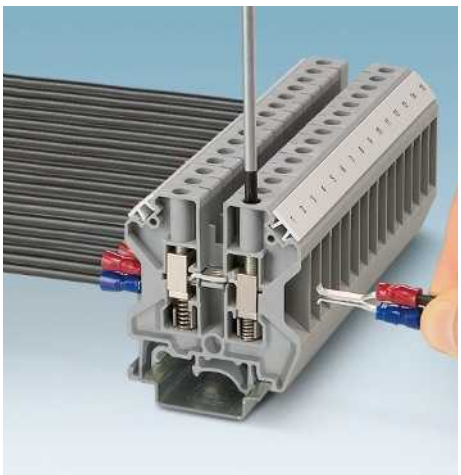
USST ... spring-assisted screw terminal blocks





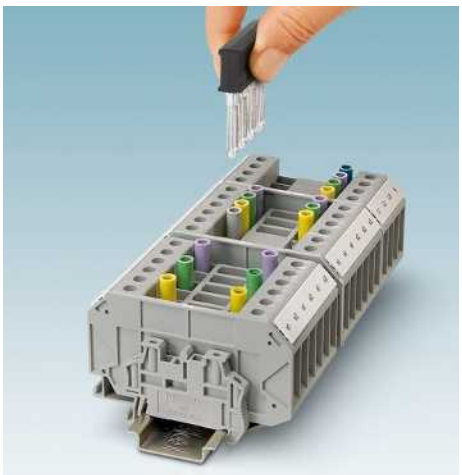
Spring-assisted screw connection

The opened terminal block body is pressed down to make contact with the conductor.
Tightening the terminal screw produces the perfect electric connection.



Hooked cable lug

This cable lug is shaped like a hook, allowing it to lock in the spring in the terminal block body for a secure connection.



Test accessories

The familiar test, switching, and bridging accessories from Phoenix Contact are used in the USST terminal blocks.

USST 4 spring-assisted feed-through terminal block

- The USST ... terminal blocks were developed especially for use in the energy supply sector
- When combined with hook-type cable lugs, the spring-assisted screw terminal blocks optimally meet the technical requirements of ENATS 50-18
- Universal foot for mounting on NS 32 and or NS 35 DIN rails
- The ISSBI ... isolator bridge bars enable switchable cross connections with IS-K .... The screw functions as a current-carrying switching element
- Large marking option of every terminal point

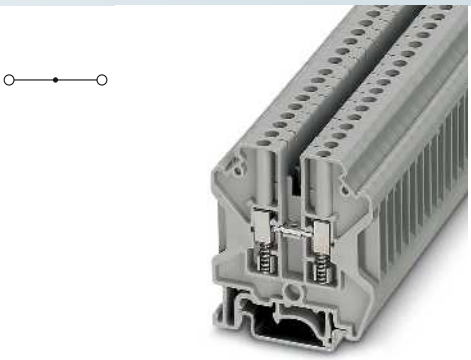
Space-saving conductor connection

The flat-ribbon cable lugs with C-BCI ... SO hooks enable vertical crimping (see figure below), which means that conductors in the nominal cross-section can be wired without loss of pitch in a way that saves space. Further information about flat-ribbon cable lugs with hooks can be found at phoenixcontact.net/products.



Notes:

Corresponding flat-ribbon cable lugs with C-BCI ... hooks can be found in Catalog 3 or at phoenixcontact.net/products



4 (6) mm², 41 A, feed-through terminal block

Technical data

Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**6.2**	**52**	**57.3**
Dimensions		Width	Length	Height NS 32
	[mm]	**6.2**	**52**	**62.3**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		41	**500**	**0.2 - 6** / **24-10**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	600	- / -
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	- / -
Rated cross section	[mm²]	4	-	- / -
Cross section range	AWG	24 - 10	24-10	- / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 6	0.2 - 4	0.25 - 4 / 0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 2.5
General data				
Stripping length	[mm]	10		
Screw thread		M3		
Tightening torque	[Nm]	0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	**USST 4**		3070338	50

Accessories

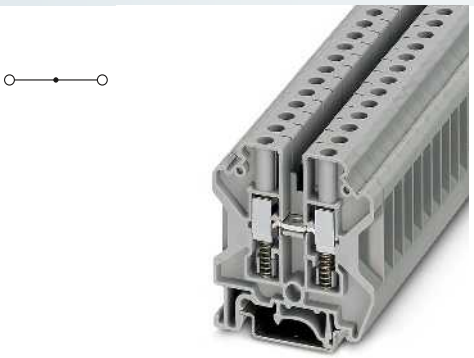
Cover, width: 2.2 mm		gray	**D-USST 4/10**		3070370	50
Partition plate, 2 mm wide		gray	**TPNS-UK**		0706647	50
Fixed bridge, isolated	10	silver	**FBI 10- 6**	38 A	0203250	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver	**ISSBI 10- 6**	30 A	0301505	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 4**		1302338	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-USST 4/10**		3070383	50
Test socket		silver	**PSB 3/10/4**		0601292	10
Test socket, insulated, can be used only with FBI and ISSBI		silver	**PSBJ 3/13/4**		0201304	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)**			

USST 6 and USST 10 spring-assisted feed-through terminal block

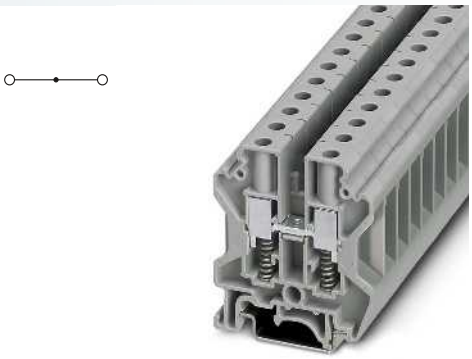
– USST 4 to USST 10 terminal blocks are of the same shape

Notes:

For other test sockets, see page 565.



6 (10) mm², 57 A, feed-through terminal block



10 (16) mm², 76 A, feed-through terminal block

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**8.2**	**52**	**57.3**	
Dimensions	Width	Length	Height NS 32	
[mm]	**8.2**	**52**	**62.3**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	57	**500**	**0.2 - 10**	**24-10**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500	600	-	-
Nominal current / cross section [A] / [mm²]	41 / 6	30 / -	-	-
Rated cross section [mm²]	6	-	-	-
Cross section range AWG	24 - 8	24-10	-	-
Connection capacity	solid	stranded	ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
2 conductors (of the same type) [mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 4
General data				
Stripping length [mm]	12			
Screw thread	M4			
Tightening torque [Nm]	1.5 - 1.8			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**10.2**	**52**	**57.3**	
Dimensions	Width	Length	Height NS 32	
[mm]	**10.2**	**52**	**62.3**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	76	**500**	**0.5 - 16**	**20-6**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500	600	-	-
Nominal current / cross section [A] / [mm²]	57 / 10	65 / -	-	-
Rated cross section [mm²]	10	-	-	-
Cross section range AWG	20 - 6	20-6	-	-
Connection capacity	solid	stranded	ferrule without/with plastic sleeve	
1 conductor [mm²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
2 conductors (of the same type) [mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 6
General data				
Stripping length [mm]	12			
Screw thread	M4			
Tightening torque [Nm]	1.5 - 1.8			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 32... or NS 35...		gray	**USST 6**		3070341	50

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
USST 10		3070354	50

Accessories

Cover, width: 2.2 mm		gray	**D-USST 4/10**		3070370	50
Partition plate, 2 mm wide		gray	**TPNS-UK**		0706647	50
Fixed bridge, isolated	10	silver	**FBI 10- 8**	52 A	0203263	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver	**ISSBI 10- 8**	38 A	0301534	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 10**		1303337	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-USST 4/10**		3070383	50
Test socket, for test connection with test plug PS		silver	**PSB 4/7/6**		0303299	10
Test socket, insulated, for UK 6 N, UK 10 N and URTK/SP and USST 10 terminal blocks, M4 thread		transparent				
		blue				
		yellow				
		green				
		violet				
Test socket, insulated, can be used only with FBI and ISSBI		red				
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., $I_{max.}$ 20 A		black	**KSS 8**		0311540	10
Short-circuit plug, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 8.2 mm pitch		black	**KSS 4- 8**		0309549	10
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Lateral groove marking			**UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)**			

Accessories

D-USST 4/10		3070370	50
TPNS-UK		0706647	50
FBI 10-10	70 A	0203276	10
ISSBI 10-10	41 A	0301521	10
IS-K 10		1303337	100
TS-USST 4/10		3070383	50
PSB 4/7/6		0303299	10
PSBJ 4/15/6 FARBLOS		0303419	10
PSBJ 4/15/6 BU		0303354	10
PSBJ 4/15/6 YE		0303367	10
PSBJ 4/15/6 GN		0303370	10
PSBJ 4/15/6 VT		0303383	10
PSBJ 4/15/6 RD		0303325	10
KSS 10		0310541	10
KSS 4-10		0308540	10
SZS 1,0X4,0 VDE		1205066	10
UC-TM 10, UCT-TM 10 or ZB 10 (see Catalog 3)			

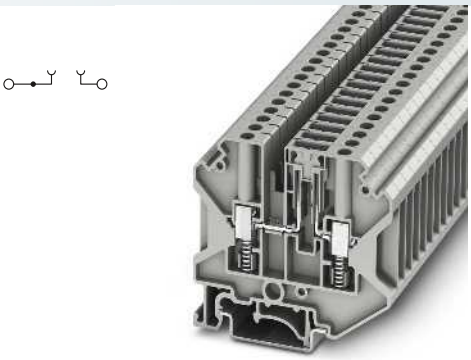
Spring-assisted disconnect and knife disconnect terminal blocks

- Standardized disconnect zone
- Various function plugs are available for use in the disconnect terminal blocks
- For corresponding function plugs, see page 409

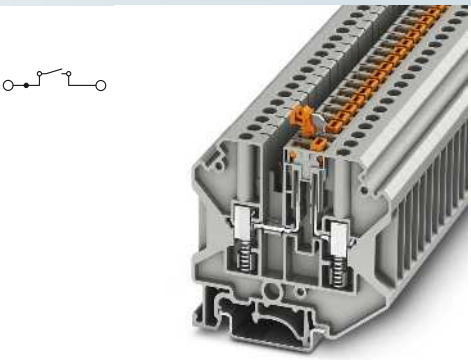
Notes:

[1]) $U_{max.}$ 300 V.

Corresponding flat-ribbon cable lugs with C-BCI ... hooks can be found in Catalog 3 or at phoenixcontact.net/products



4 (6) mm², 20 A, disconnect terminal block, 2 connections



4 (6) mm², 20 A, knife disconnect terminal block, 2 connections

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**6.2**	**63.4**	**57.3**	
Dimensions	Width	Length	Height NS 32	
[mm]	**6.2**	**63.4**	**62.3**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	20	**500**	**0.2 - 6**	**-**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	500	-	-	-
Nominal current / cross section [A] / [mm²]	20 / 4	-	-	-
Rated cross section [mm²]	4	-	-	-
Cross section range AWG	24 - 10	-	-	-
Connection capacity	solid	stranded	ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type) [mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 2.5
General data				
Stripping length [mm]	10			
Screw thread	M3			
Tightening torque [Nm]	0.6 - 0.8			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...		gray	**USST 4-TG**		3070301	50
With test socket screws[1])		gray	**USST 4-TG P/P**		3070303	50

Accessories

Cover, width: 2.2 mm		gray	**D-USST 4-MT**		3070304	50
Partition plate, 2 mm wide		gray	**TPNS-UK**		0706647	50
Fixed bridge, isolated	10	silver	**FBI 10- 6**	38 A	0203250	10
Isolator bridge bar, divisible, with 10 screws, for switchable branches with **IS-K...**	10	silver	**ISSBI 10- 6**	30 A	0301505	10
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 4**		1302338	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-USST 4/10**		3070383	50
Test socket		silver	**PSB 3/10/4**		0601292	10
Test socket, insulated, can be used only with FBI and ISSBI		silver	**PSBJ 3/13/4**		0201304	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Screwdriver, for disconnect slide and test socket			**SZG 0,6X3,5 VDE**		1205121	10
Lateral groove marking			**UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)**			

Technical data

Width	Length	Height NS 35/7,5		
6.2	**63.4**	**57.3**		
Width	Length	Height NS 32		
6.2	**63.4**	**62.3**		
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
20	**500**	**0.2 - 6**	**-**	
IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7	
500	-	-	-	
20 / 4	-	-	-	
4	-	-	-	
24 - 10	-	-	-	
solid	stranded	ferrule without/with plastic sleeve		
0.2 - 6	0.2 - 4	0.25 - 4	0.25 - 2.5	
0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-	
-	-	-	0.5 - 2.5	
10				
M3				
0.6 - 0.8				
PA				
V0				

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
USST 4-MT		3070300	50
USST 4-MT P/P		3070302	50

Accessories

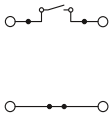
D-USST 4-MT		3070304	50
TPNS-UK		0706647	50
FBI 10- 6	38 A	0203250	10
ISSBI 10- 6	30 A	0301505	10
IS-K 4		1302338	100
TS-USST 4/10		3070383	50
PSB 3/10/4		0601292	10
PSBJ 3/13/4		0201304	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
SZG 0,6X3,5 VDE		1205121	10
UC-TM 6, UCT-TM 6 or ZB 6 (see Catalog 3)			

Spring-assisted test disconnect and feed-through terminal blocks

– The USST 6-T measuring transducer disconnect terminal block has been developed specifically for use in current transformer secondary circuits
– Can be fitted on both sides with fixed bridges as well as test sockets with a 4 mm diameter
– Terminal block and accessories were designed to be touch-proof as per BGV A2

CLIP PROJECT planning enables the quick and convenient planning and configuration of error-free terminal strips.

Notes:
For more test sockets, visit phoenixcontact.net/products
For more short-circuit plugs, visit phoenixcontact.net/products





6 (10) mm², 57 A, measuring transducer disconnect terminal block

Technical data

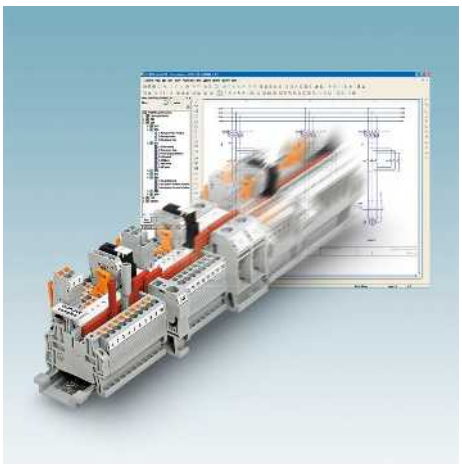
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**8.2**	**82**	**52**
Dimensions		Width	Length	Height NS 32
	[mm]	**8.2**	**82**	**57**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		57	**500**	**0.2 - 10** / **24-10**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	500	600	-
Nominal current / cross section	[A] / [mm²]	41 / 6	30 / -	-
Rated cross section	[mm²]	6	-	-
Cross section range	AWG	24 - 8	24-10	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.2 - 10	0.2 - 6	0.25 - 6 / 0.25 - 6
2 conductors (of the same type)	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5 / -
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	- / 0.5 - 4
General data				
Stripping length	[mm]	12		
Screw thread		M4		
Tightening torque	[Nm]	1.5 - 1.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Measuring transducer disconnect terminal block, for mounting on NS 32... or NS 35...		gray	**USST 6-T**		3070312	50
Feed-through terminal block, for mounting on NS 32... or NS 35...		gray				

Accessories

Cover, width: 2.2 mm		gray	**D-USST 6-T**		3070367	50
Fixed bridge, isolated	10	silver	**FBRI 10-8 N**	45 A	2772080	10
Switching lock, excludes the possibility of an unintentional operation of the disconnect slide		white	**S-URTK/SP**		0311155	50
Test socket, insulated		transparent	**PSBJ-URTK 6 FARBLOS**		3026450	10
		blue	**PSBJ-URTK 6 BU**		3026434	10
		yellow	**PSBJ-URTK 6 YE**		3026405	10
		green	**PSBJ-URTK 6 GN**		3026418	10
		violet	**PSBJ-URTK 6 VT**		3026421	10
		black	**PSBJ-URTK 6 BK**		3026447	10
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., $I_{max.}$ 20 A		black	**KSS 8**		0311540	10
Short-circuit plug, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 8.2 mm pitch		black	**KSS 4- 8**		0309549	10
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Screwdriver, for disconnect slide and test socket			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)**			





6 (10) mm², 57 A, feed-through terminal block, same shape

Technical data

Width	Length	Height NS 35/7,5	
8.2	**82**	**52**	
Width	Length	Height NS 32	
8.2	**82**	**57**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**500**	**0.2 - 10**	**24-10**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
500	600	-	-
41 / 6	30 / -	-	-
6	-	-	-
24 - 8	24-10	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 4
12			
M4			
1.5 - 1.8			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
USSTD 6		3070325	50

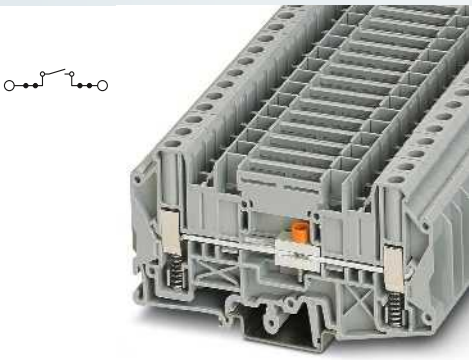
Accessories

D-USST 6-T		3070367	50
FBRI 10-8 N	45 A	2772080	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
KSS 8		0311540	10
KSS 4- 8		0309549	10
SZS 1,0X4,0 VDE		1205066	10

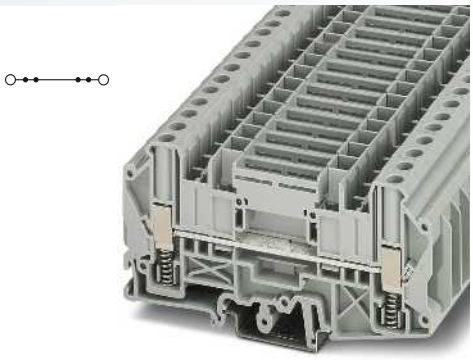
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Spring-assisted test disconnect and feed-through terminal blocks

Notes:
[1]) For additional test sockets, visit phoenixcontact.net/products
For further separating disks, visit phoenixcontact.net/products



10 (10) mm², 50 A, measuring transducer disconnect terminal block



6 (10) mm², 50 A, feed-through terminal block, same shape

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**8.2**	**105.2**	**53**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**8.2**	**105.2**	**58**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		50	**1000**	**0.2 - 10**	**20-8**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	600	-	-
Nominal current / cross section	[A] / [mm²]	41 / 6	50	-	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	24 - 8	20-8	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm²]	0.2 - 2.5	0.2 - 2.5	0.2 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
General data					
Stripping length	[mm]	12			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

		Width	Length	Height NS 35/7,5	
	[mm]	**8.2**	**105.2**	**53**	
		Width	Length	Height NS 32	
	[mm]	**8.2**	**105.2**	**58**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		50	**1000**	**0.2 - 10**	**20-8**
		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
	[V]	1000	600	-	-
	[A] / [mm²]	41 / 6	50	-	-
	[mm²]	6	-	-	-
	AWG	24 - 8	20-8	-	-
		solid	stranded	ferrule without/with plastic sleeve	
	[mm²]	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
	[mm²]	-	-	-	-
	[mm]	12			
		M4			
	[Nm]	1.5 - 1.8			
		PA			
		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Measuring transducer disconnect terminal block, for mounting on NS 32... or NS 35...		gray	**USST 6-T/SP**		3070330	50
Feed-through terminal block, for mounting on NS 32... or NS 35...		gray				

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
USSTD 6/SP		3070331	50

Accessories

Cover, width: 2.2 mm		gray	**D-UT 6-T/SP**		3072816	50
Plug-in bridge						
	2	red	**FBS 2-8**	41 A	3030284	10
	3	red	**FBS 3-8**	41 A	3030297	10
	10	red	**FBS 10-8**	41 A	3030323	10
Bridge bar						
	2	orange	**SB 6-T 2-8**	32 A	3075842	10
	3	orange	**SB 6-T 3-8**	32 A	3075843	10
	4	orange	**SB 6-T 4-8**	32 A	3075844	10
Bridge bar, complete with test sockets						
	2	orange	**SBP-TB 6-T 2-8**	20 A	3070321	10
	3	orange	**SBP-TB 6-T 3-8**	20 A	3070322	10
	4	orange	**SBP-TB 6-T 4-8**	20 A	3070323	10
Isolator bridge bar						
	10	silver	**SCBI 10-8,15 ISO**		3000417	10
Test socket		silver	**TPS 3/20/5**		3246586	10
Test socket, insulated[1])		gray	**PSBJ 6-T GY**		3070316	10
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., $I_{max.}$ 20 A		black	**KSS 8**		0311540	10
Short-circuit plug, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 8.2 mm pitch		black	**KSS 4- 8**		0309549	10
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Screwdriver, for disconnect slide and test socket			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10

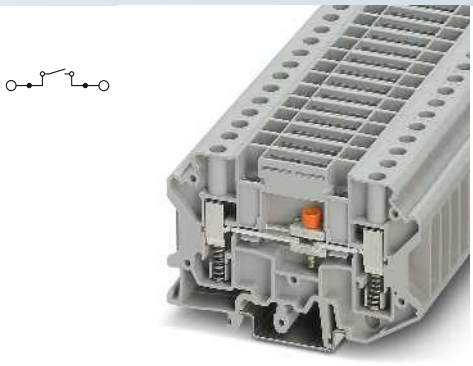
Accessories

D-UT 6-T/SP		3072816	50
FBS 2-8	41 A	3030284	10
FBS 3-8	41 A	3030297	10
FBS 10-8	41 A	3030323	10
SB 6-T 2-8	32 A	3075842	10
SB 6-T 3-8	32 A	3075843	10
SB 6-T 4-8	32 A	3075844	10
SBP-TB 6-T 2-8	20 A	3070321	10
SBP-TB 6-T 3-8	20 A	3070322	10
SBP-TB 6-T 4-8	20 A	3070323	10
SCBI 10-8,15 ISO		3000417	10
TPS 3/20/5		3246586	10
PSBJ 6-T GY		3070316	10
KSS 8		0311540	10
KSS 4- 8		0309549	10
SZS 1,0X4,0 VDE		1205066	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10

Lateral groove marking	UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)	UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Spring-assisted test disconnect and feed-through terminal blocks

Notes:
1) When the bridge bar is used, $U_{max.}$ is reduced to 400 V.
2) For additional test sockets, visit phoenixcontact.net/products



6 (10) mm², 57 A, measuring transducer disconnect terminal block, for accommodating bridge bars, 2 connections

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**8.2**	**82**	**52**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**8.2**	**82**	**57**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		57	**500¹)**	**0.2 - 10**	**24-10**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500¹)	600	-	-
Nominal current / cross section	[A] / [mm²]	41 / 6	30 / -	-	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	24 - 8	24-10	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 10	0.2 - 6	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 4
General data					
Stripping length	[mm]	12			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

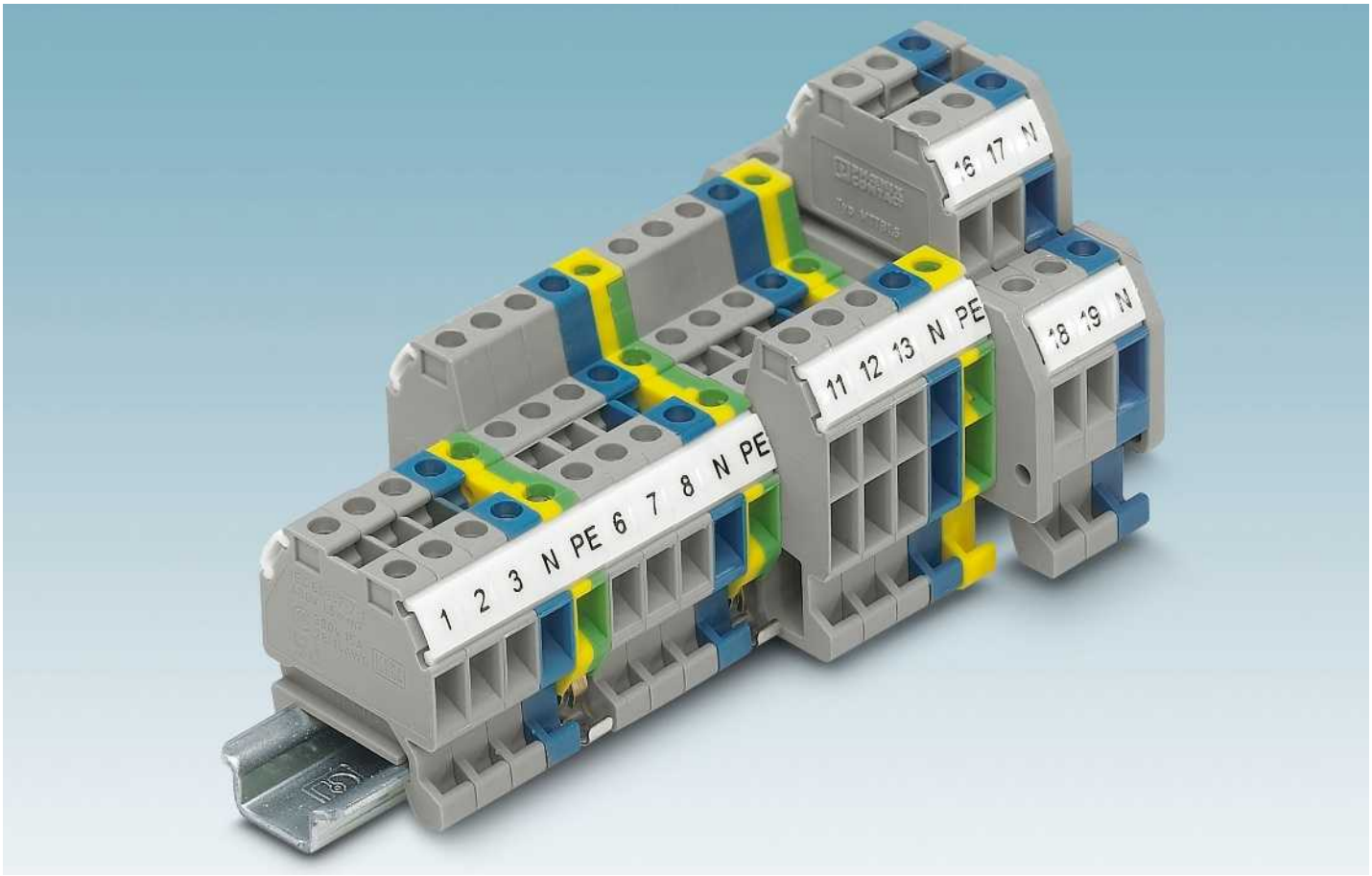
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Measuring transducer disconnect terminal block, for mounting on NS 32... or NS 35...		gray	**USST 6-T/SB**		3070310	50

Accessories

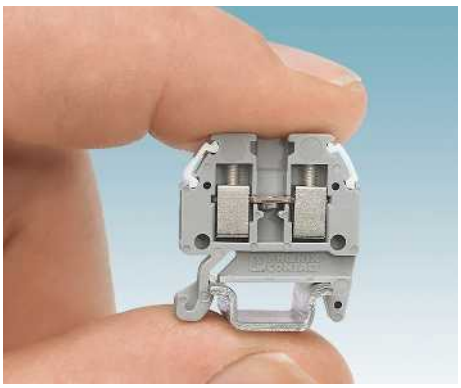
Cover, width: 2.2 mm		gray	**D-USST 6-T**		3070367	50
Bridge bar						
	2	orange	**SB 6-T 2-8**	32 A	3075842	10
	3	orange	**SB 6-T 3-8**	32 A	3075843	10
	4	orange	**SB 6-T 4-8**	32 A	3075844	10
Bridge bar, complete with test sockets						
	2	orange	**SBP-TB 6-T 2-8**	20 A	3070321	10
	3	orange	**SBP-TB 6-T 3-8**	20 A	3070322	10
	4	orange	**SBP-TB 6-T 4-8**	20 A	3070323	10
Fixed bridge						
	10	silver	**SCBI 10-8,15**	30 A	3245134	10
Isolator bridge bar						
	10	silver	**SCBI 10-8,15 ISO**	24 A	3000417	10
Test socket		silver	**TPS 3/20/5**		3246586	10
Test socket, insulated²)		gray	**PSBJ 6-T GY**		3070316	10
		brown	**PSBJ 6-T BN**		3070317	10
		black	**PSBJ 6-T BK**		3070318	10
		red	**PSBJ 6-T RD**		3070319	10
		orange	**PSBJ 6-T OG**		3070320	10
		white	**PSBJ 6-T WH**		3070324	10
		yellow	**PSBJ 6-T YE**		3070326	10
		green	**PSBJ 6-T GN**		3070327	10
		violet	**PSBJ 6-T VT**		3070328	10
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated, 2-pos., $I_{max.}$ 20 A		black	**KSS 8**		0311540	10
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Screwdriver, for disconnect slide and test socket			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10

Lateral groove marking	**UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)**

MT... miniature terminal blocks



Your web code: #0059



Miniature terminal blocks

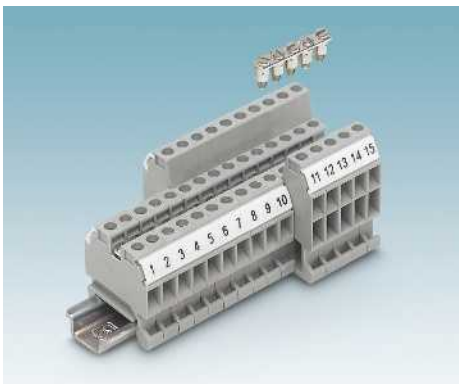
The MT miniature screw terminal blocks may be tiny but they can be marked and bridged just like their larger cousins. With a pitch of 4.2 mm and a connection cross section of 1.5 mm², they permit convenient wiring in tight spaces.



Universal and zero-maintenance

The screw connection of the miniature terminal blocks MT is characterized by three main features.

– Global standard
– Multiple conductor connection
– Zero maintenance thanks to Reakdyn principle.



Continuous potential distribution

Potential branching is one of the most common tasks in control unit construction. The MT miniature terminal blocks are available as three-conductor and four-conductor versions. A large number of switching tasks can be undertaken in the terminal strip with the linear bridge shaft.

MT... miniature feed-through terminal block for NS 15 DIN rail

Their compact design means that the micro terminals MT 1,5 can keep pace with the growing need for ever smaller switch boxes

The miniature terminal blocks have everything that makes the terminal blocks stand out:

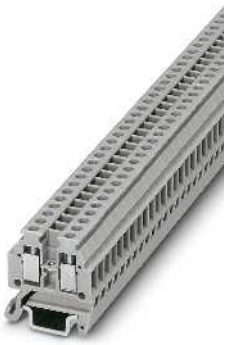
– Design width of just 4.2 mm
– Nominal cross section of 1.5 mm²
– Snap-on foot for DIN rails NS 15
– Numerous labeling options
– Bridging facility in terminal center

Potential branching is one of the main tasks of terminal blocks in control unit construction.

– The three- or four-conductor terminal blocks MT 1,5−TWIN or MT 1,5−QUATTRO undertake this work in very tight spaces
– The MUT ... miniature terminal blocks can be found in the section on 4 mm² UT screw connection terminal blocks
– The amount of space saved is maximized with the MTTB 1,5 double-level micro terminal
– This double-level terminal block contains two feed-through levels which can be bridged independently of one another
– Can be used on both the 15 mm DIN rail NS 15 and the 35 mm DIN rail NS 35

Notes:

For mini screw terminal blocks with plug-in bridges, see page 227.



1.5 (1.5) mm², 17.5 A, feed-through terminal block

DNV GL
Ex: EAC Ex

Technical data

Dimensions				
	Width	Length	Height NS 15	
	[mm]	**4.2**	**22**	**23.5**
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**400**	**0.14 - 1.5**	**30-14**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	-
Rated cross section	[mm²]	1.5	-	-	-
Cross section range	AWG	26 - 16	30-14	28-14	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
2 conductors (of the same type)	[mm²]	0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-
General data					
Stripping length	[mm]	6			
Screw thread		M2			
Tightening torque	[Nm]	0.22 - 0.25			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

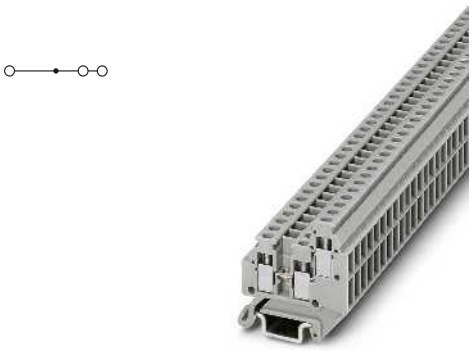
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 15 in acc. with EN 60715		gray	**MT 1,5**		3100305	50
		blue	**MT 1,5 BU**		3003363	50

Accessories

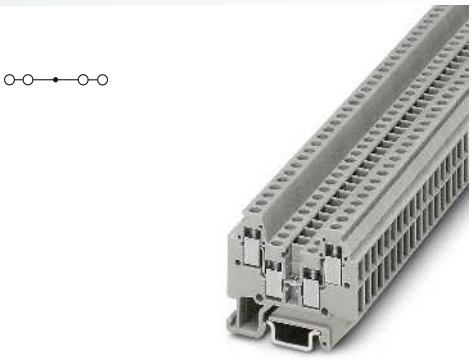
Cover, width: 1 mm		gray	**D-MT 1,5**		3100321	50
		blue	**D-MT 1,5 BU**		3025529	50
Fixed bridge, isolated	10	silver	**FBRN 10-4 N**	12 A	3001624	10
Screwdriver			**SZS 0,4X2,5 VDE**		1205037	10
Lateral groove marking			**ZBF 4 (see Catalog 3)**			

MT... miniature feed-through terminal block with 3 and 4 connections for NS 15 DIN rail

– Design width of just 4.2 mm
– Nominal cross section of 1.5 mm²
– Snap-on foot for DIN rails NS 15
– Numerous labeling options
– Bridging facility in terminal center.



1.5 (1.5) mm², 17.5 A, feed-through terminal block, 3 connections



1.5 (1.5) mm², 16 A, feed-through terminal block, 4 connections

DNV GL

Technical data

		Width	Length	Height NS 15	
Dimensions					
	[mm]	**4.2**	**27.8**	**24.4**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		17.5	**400**	**0.14 - 1.5**	**30-14**
		IEC 60947-7-1			
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	300	300	-
Nominal current / cross section	[A] / [mm²]	17.5 / 1.5	15 / -	15 / -	-
Rated cross section	[mm²]	1.5	-	-	-
Cross section range	AWG	26 - 16	30-14	28-14	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
2 conductors (of the same type)	[mm²]	0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-
General data					
Stripping length	[mm]	6			
Screw thread		M2			
Tightening torque	[Nm]	0.22 - 0.25			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 15 in acc. with EN 60715		gray	**MT 1,5-TWIN**		3001682	50
		blue	**MT 1,5-TWIN BU**		3025532	50

Accessories

Cover, width: 1 mm		gray	**D-MT 1,5-TWIN**	3002979	50
		blue			
Fixed bridge, isolated	10	silver	**FBRN 10-4 N**	12 A	3001624	10
Screwdriver			**SZS 0,4X2,5 VDE**		1205037	10
Lateral groove marking			**ZBF 4 (see Catalog 3)**			

DNV GL

Technical data

		Width	Length	Height NS 15	
		4.2	**33.5**	**30**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		16	**400**	**0.14 - 1.5**	**30-14**
		IEC 60947-7-1			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
		400	300	300	-
		16 / 1.5	15 / -	15 / -	-
		1.5	-	-	-
		26 - 16	30-14	28-14	-
		solid	stranded	ferrule without/with plastic sleeve	
		0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
		0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-
		6			
		M2			
		0.22 - 0.25			
		PA			
		V0			

Ordering data

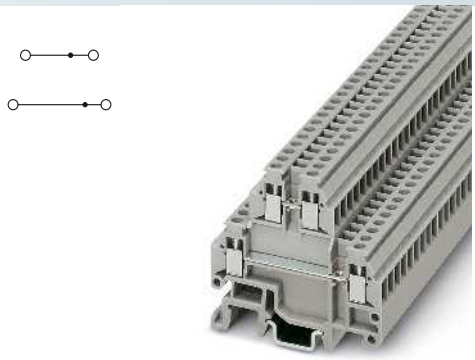
Type	I_{max}	Order No.	Pcs./Pkt.
MT 1,5-QUATTRO		3001679	50
MT 1,5-QUATTRO BU		3025150	50

Accessories

D-MT 1,5-QUATTRO	3002982	50
D-MT 1,5-QUATTRO BU	3025309	50
FBRN 10-4 N	12 A	3001624	10
SZS 0,4X2,5 VDE		1205037	10
ZBF 4 (see Catalog 3)			

MTTB 1,5 miniature double-level terminal blocks

- Design width of just 4.2 mm
- Nominal cross section of 1.5 mm²
- Snap-on foot for DIN rails NS 15 and NS 35
- Numerous labeling options
- Bridging facility on both levels
- Even if fully wired, the level offset offers unobstructed access to the lower connection level



1.5 (1.5) mm², 17.5 A, double-level terminal block

DNV GL

Technical data

Dimensions	Width	Length	Height NS 35/7,5	
[mm]	**4.2**	**44**	**41**	
Dimensions	Width	Length	Height NS 15	
[mm]	**4.2**	**44**	**41**	
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	17.5	**400**	**0.14 - 1.5**	**-**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	400	-	300	-
Nominal current / cross section [A] / [mm²]	17.5 / 1.5	- / -	15 / -	-
Rated cross section [mm²]	1.5	-	-	-
Cross section range AWG	26 - 16	-	28-14	-
Connection capacity	solid	stranded	ferrule without/with plastic sleeve	
1 conductor [mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
2 conductors (of the same type) [mm²]	0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-
General data				
Stripping length [mm]	6			
Screw thread	M2			
Tightening torque [Nm]	0.22 - 0.25			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Ordering data

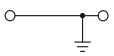
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Double-level terminal block, with universal foot, for mounting on NS 15 or NS 35 in accordance with EN 60715		gray	**MTTB 1,5**		1414129	50
		blue	**MTTB 1,5 BU**		3000926	50

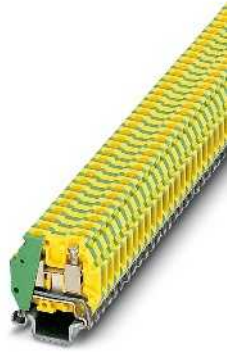
Accessories

Cover, 4 mm width		gray	**D-MTTB 1,5**		3002665	50
		gray	**DG-MTTB 1,5**		3002678	50
Spacer plate, compensates for level offset if standard terminal blocks are to be fitted adjacently, 2 mm thick		gray	**DP-MTTB 1,5**		3002681	50
Fixed bridge, isolated	10	silver	**FBRN 10-4 N**	12 A	3001624	10
Screwdriver			**SZS 0,4X2,5 VDE**		1205037	10
Lateral groove marking			**ZBF 4 (see Catalog 3)**			

MT ...-PE miniature ground terminals for NS 15 DIN rails

- Same shape and pitch as the feed-through terminal blocks
- The MT ...-PE fulfill all requirements of the IEC 60947-7-2 standard
  These are in particular:
- Low contact resistances
- Green-yellow housing
- Corrosion-proof terminal points
- Captive clamping screws





1.5 (1.5) mm², ground terminal

DNV GL
Ex: EAC Ex

Technical data

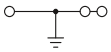
Dimensions		Width	Length	Height NS 15
	[mm]	**4.2**	**22**	**23.5**
Maximum electrical data				max. Ø [mm²] / AWG (UL)
				0.14 - 1.5 / **30-14**
		IEC 60947-7-2		
Rated data		IEC	UL / CUL	CSA / IEC/ EN 60079-7
Rated voltage	[V]	-	-	- / -
Nominal current / cross section	[A] / [mm²]	- / -	-	- / -
Rated cross section	[mm²]	1.5	-	- / -
Cross section range	AWG	26 - 16	30-14	28-14 / -
Connection capacity		solid	stranded	ferrule without/with plastic sleeve
1 conductor	[mm²]	0.14 - 1.5	0.14 - 1.5	0.25 - 0.75 / 0.25 - 0.75
2 conductors (of the same type)	[mm²]	0.14 - 0.5	0.14 - 0.5	0.25 - 0.34 / -
General data				
Stripping length	[mm]	6		
Screw thread		M2		
Tightening torque	[Nm]	0.22 - 0.25		
Insulating material		PA		
Flammability rating according to UL 94		V0		

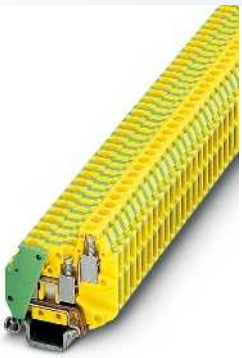
Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Ground terminal, for mounting on NS 15	green-yellow	**MT 1,5-PE**	3100318	50

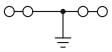
Accessories

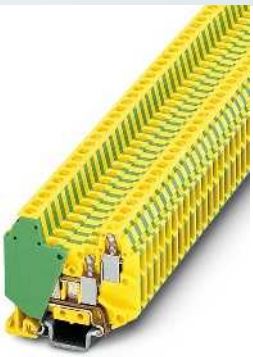
Screwdriver	**SZS 0,4X2,5 VDE**	1205037	10
Lateral groove marking	**ZBF 4 (see Catalog 3)**		





1.5 (1.5) mm², ground terminal, 3 connections





1.5 (1.5) mm², ground terminal, 4 connections

DNV GL

Technical data

Width	Length	Height NS 15	
4.2	**28**	**30**	
		max. Ø [mm²]	AWG (UL)
		0.14 - 1.5	**30-14**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	-
1.5	-	-	-
26 - 16	30-14	28-14	-
solid	stranded	ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-
6			
M2			
0.22 - 0.25			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
MT 1,5-TWIN-PE	3001705	50

Accessories

SZS 0,4X2,5 VDE	1205037	10
ZBF 4 (see Catalog 3)		

DNV GL

Technical data

Width	Length	Height NS 15	
4.2	**33.5**	**30**	
		max. Ø [mm²]	AWG (UL)
		0.14 - 1.5	**30-14**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	-
1.5	-	-	-
26 - 16	30-14	28-14	-
solid	stranded	ferrule without/with plastic sleeve	
0.14 - 1.5	0.14 - 1.5	0.25 - 0.75	0.25 - 0.75
0.14 - 0.5	0.14 - 0.5	0.25 - 0.34	-
6			
M2			
0.22 - 0.25			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
MT 1,5-QUATTRO-PE	3001695	50

Accessories

SZS 0,4X2,5 VDE	1205037	10
ZBF 4 (see Catalog 3)		

MBK ... miniature feed-through terminal blocks

- The MBK ... and MSLKG ... terminal blocks represent the top end of the mini terminal block range for 15 mm NS 15 DIN rails
- MBK ... terminal blocks can be bridged in the terminal center
- Lateral marking with ZB zack marker strip terminal marking for tall marker groove
- Cross sections of up to 6 mm² can be easily wired
- Extensive bridging material, such as fixed bridges, insertion bridges and switchable bridges, enable simple and reliable potential branching
- A separating disk, partition plate, and test socket complete the range of accessories
- The MUT ... miniature terminal blocks can be found in the section on 4 mm² UT screw connection terminal blocks

Notes:
For 2.5 mm² mini screw terminal blocks with plug-in bridges see page 227.
For 4 mm² mini screw terminal blocks with plug-in bridges see page 241.
1) For information on installation and using accessories for Ex applications, see page 644.



6 (10) mm², 57 A, feed-through terminal block

Ex: EAC Ex
KEMA 01ATEX2134U / IECEx KEM 07.0008U

Technical data

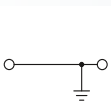
Dimensions		Width	Length	Height NS 15	
	[mm]	8.2	35	36	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		57	500	0.5 - 10	26-8
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	Ex IEC/ EN 60079-7
Rated voltage	[V]	500	600	300	275
Nominal current / cross section	[A] / [mm²]	41 / 6	50 / -	50 / -	37 / 6
Rated cross section	[mm²]	6	-	-	0.5-6
Cross section range	AWG	20 - 8	26-8	26-8	20 - 8
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.25 - 6	0.25 - 6
2 conductors (of the same type)	[mm²]	0.5 - 2.5	0.5 - 2.5	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 2.5
Max. cross section with insertion bridge	[mm²]	6	4	-	-
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

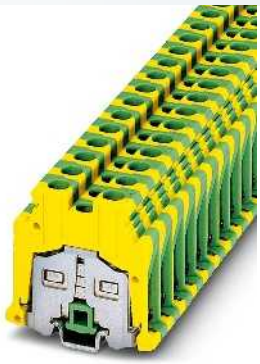
Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal, for mounting on NS 15		gray	**MBK 6/E**		0552024	50
Ground terminal, for mounting on NS 15		green-yellow				

Accessories[1])

Cover, width 1.5 mm		gray	**D-MBK 6/E**		1413049	50
Insertion bridge, fully insulated						
	2	gray	**EB 2- 8**	43 A	0202154	100
	3	gray	**EB 3- 8**	43 A	0202141	100
	4	gray	**EB 4- 8**	43 A	0202142	100
	10	gray	**EB 10- 8**	43 A	0202138	10
Fixed bridge, isolated						
	10	silver	**FBI 10- 8**	48 A	0203263	10
Bridge bar for 2 terminal blocks, complete, mounted with short or long link according to required separation						
	2	silver	**SB 2- 8/13**	43 A	0202235	1
Isolator bridge bar, as distance piece for isolator bridge bar		gray	**IS-K 10**		1303337	100
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Partition plate, for visual and electrical separation of terminal groups, 2.5 mm thick		gray	**ATP-MBK**		1413227	50
Test socket, for test connection with test plug PS		silver	**PSB 4/7/6**		0303299	10
Screwdriver			**SZS 1,0X4,0 VDE**		1205066	10
Lateral groove marking			**ZB 8 (see Catalog 3)**			





6 (10) mm², ground terminal

Ex: EAC Ex
KEMA 01ATEX2134U / IECEx KEM 07.0008U

Technical data

Width	Length	Height NS 15	
8.2	**39**	**36**	
		max. Ø [mm²]	AWG (UL)
		0.5 - 10	**26-8**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	- / 6
6	-	-	0.5-6
20 - 8	26-8	26-8	20 - 8
solid	stranded	ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
0.5 - 2.5	0.2 - 2.5	0.5 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
10			
M4			
1.5 - 1.8			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
MSLKG 6	**1410505**	50

Accessories[1])

SZS 1,0X4,0 VDE	**1205066**	10

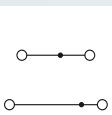
ZB 8 (see Catalog 3)

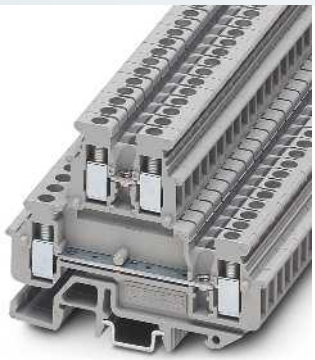
MBKKB 2,5... mini double-level terminal blocks

– The miniature double-level terminal block is characterized by its space-saving, low height and offset levels
– Fixed bridges and test sockets can be inserted on both levels

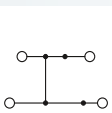
Notes:

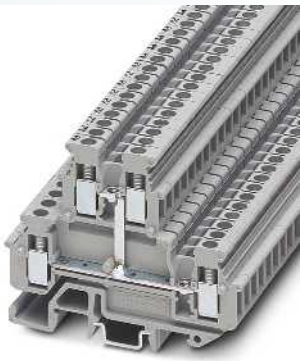
[1]) For information on installation and using accessories for Ex applications, see page 644.





2.5 (4) mm², 24 A, double-level terminal block





2.5 (4) mm², 24 A, double-level terminal block, internally connected levels

Ex: EAC Ex
KEMA 03ATEX2082 U / IECEx KEM 07.0018U

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**5.2**	**62**	**48**	
Dimensions		Width	Length	Height NS 15	
	[mm]	**5.2**	**62**	**47.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500**	**0.2 - 4**	**30-12**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	Ex IEC/ EN 60079-7
Rated voltage	[V]	500	300	300	275
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	21 / 2.5
Rated cross section	[mm²]	2.5	-	-	0.2-2.5
Cross section range	AWG	24 - 12	30-12	28-12	24 - 12
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
Max. cross section with insertion bridge	[mm²]	2.5	2.5	-	-
General data					
Stripping length	[mm]	7			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**5.2**	**62**	**48**	
Dimensions		Width	Length	Height NS 15	
	[mm]	**5.2**	**62**	**47.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500**	**0.2 - 4**	**30-12**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	300	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	-	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 12	30-12	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 1.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
Max. cross section with insertion bridge	[mm²]	2.5	2.5	-	-
General data					
Stripping length	[mm]	7			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Double-level terminal block, with universal foot, for mounting on NS 15 or NS 35... in accordance with EN 60715		gray	**MBKKB 2,5**		1414064	50
		blue	**MBKKB 2,5 BU**		1414077	50
Double-level terminal block, with universal foot, for mounting on NS 15 or NS 35... in accordance with EN 60715, with equipotential bonding between the levels		gray				
		blue				

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
MBKKB 2,5-PV		2800583	50
MBKKB 2,5-PV BU		1414132	50

Accessories[1])

Cover, width 5 mm		gray	**D-MBKKB 2,5**		1413052	50
		blue	**D-MBKKB 2,5 BU**		1413081	50
Spacer plate, compensates for level offsets, width 2.5 mm		gray	**DP-MBKKB 2,5**		1413065	50
Fixed bridge, isolated						
	2	silver	**FBRNI 2-5 N**	22 A	3000175	10
	3	silver	**FBRNI 3-5 N**	22 A	3000162	10
	4	silver	**FBRNI 4-5 N**	22 A	3000159	10
	10	silver	**FBRNI 10-5 N**	22 A	2770639	10
Insertion bridge, for 5.2 mm pitch, fully insulated						
	2	gray	**EB 2- 5**	20 A	1401158	100
	3	gray	**EB 3- 5**	20 A	1401145	100
	10	gray	**EB 10- 5**	20 A	1401132	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3 SO**		2778534	50
Test socket		silver	**PSB 3/10/4**		0601292	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 5 (see Catalog 3)**			

Accessories[1])

D-MBKKB 2,5		1413052	50
D-MBKKB 2,5 BU		1413081	50
DP-MBKKB 2,5		1413065	50
FBRNI 2-5 N	22 A	3000175	10
FBRNI 3-5 N	22 A	3000162	10
FBRNI 4-5 N	22 A	3000159	10
FBRNI 10-5 N	22 A	2770639	10
EB 2- 5	20 A	1401158	100
EB 3- 5	20 A	1401145	100
EB 10- 5	20 A	1401132	10
TS-KK 3 SO		2778534	50
PSB 3/10/4		0601292	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			

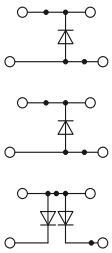
MBKKB 2,5... mini double-level terminal blocks with diode

– Thanks to the different versions of double-level diode terminal blocks, it is possible to carry out a great variety of switching tasks
– The following can be realized in tight spaces: free-wheeling diode circuits, lamp test circuits, reporting and fault reporting circuits

Notes:

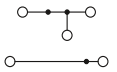
1) Data is based on the dielectric strength of adjacent terminal blocks or of the DIN rail.

2) Integrated: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A





2.5 (4) mm², 24 A, double-level terminal block, with built-in 1N 4007 diode





2.5 (4) mm², 24 A, double-level terminal block for soldering in components

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**5.2**	**62**	**48**	
Dimensions		Width	Length	Height NS 15	
	[mm]	**5.2**	**62**	**47.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500[1])**	**0.2 - 4**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500[1])	-	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	-	-	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	2.5	2.5	-	-
General data					
Stripping length	[mm]	7			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, with integrated diode, conducting from top to bottom[2])		gray	**MBKKB 2,5-DIO/O-U**		2800567	50
Terminal block, with integrated diode, conducting from bottom to top[2])		gray	**MBKKB 2,5-DIO/U-O**		2800570	50
Terminal block, with integrated diode, conducting from top to bottom left and from top to bottom right[2])		gray	**MBKKB 2,5-2DIO/O-UL/O-UR**		3003871	50
Terminal block, component can be soldered in		gray				

Accessories

Cover, width 5 mm		gray	**D-MBKKB 2,5**		1413052	50
Spacer plate, compensates for level offsets, width 2.5 mm		gray	**DP-MBKKB 2,5**		1413065	50
Fixed bridge, isolated						
	2	silver	**FBRNI 2-5 N**	22 A	3000175	10
	3	silver	**FBRNI 3-5 N**	22 A	3000162	10
	4	silver	**FBRNI 4-5 N**	22 A	3000159	10
	10	silver	**FBRNI 10-5 N**	22 A	2770639	10
Screwdriver			**SF-SL 0,6X3,5-100 S-VDE**		1212587	10
Lateral groove marking			**ZB 5 (see Catalog 3)**			

Technical data

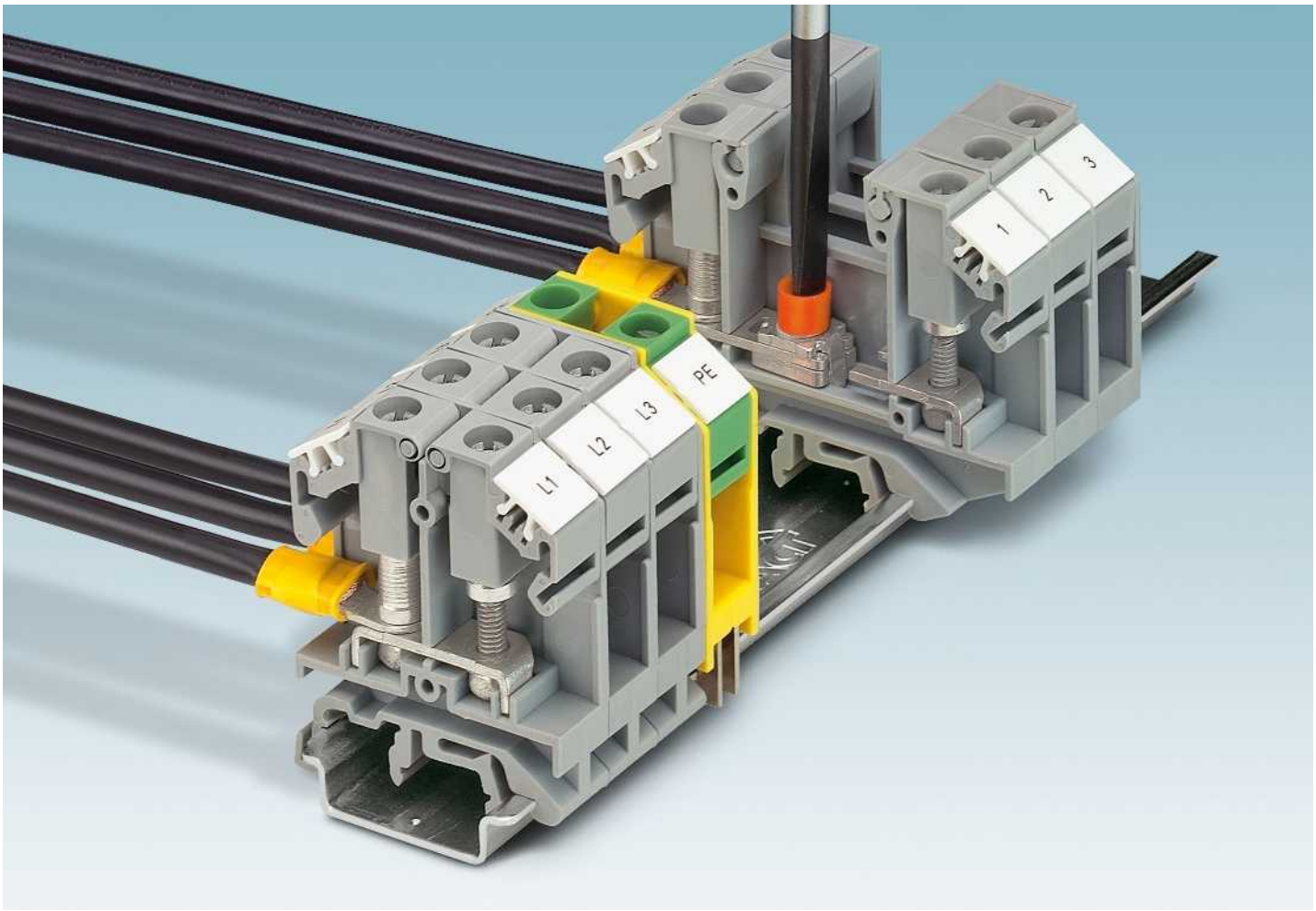
Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**5.2**	**62**	**48**	
Dimensions		Width	Length	Height NS 15	
	[mm]	**5.2**	**62**	**47.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**500[1])**	**0.2 - 4**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500[1])	-	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	-	-	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 12	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 2.5	0.25 - 2.5	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Max. cross section with insertion bridge	[mm²]	2.5	2.5	-	-
General data					
Stripping length	[mm]	7			
Screw thread		M3			
Tightening torque	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

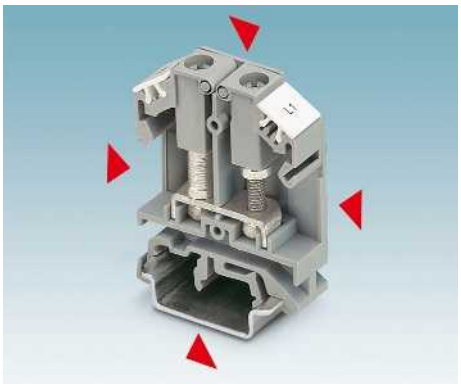
Type	I_{max}	Order No.	Pcs./Pkt.
MBKKB 2,5-BE		1414103	50

Accessories

D-MBKKB 2,5		1413052	50
DP-MBKKB 2,5		1413065	50
FBRNI 2-5 N	22 A	3000175	10
FBRNI 3-5 N	22 A	3000162	10
FBRNI 4-5 N	22 A	3000159	10
FBRNI 10-5 N	22 A	2770639	10
SF-SL 0,6X3,5-100 S-VDE		1212587	10
ZB 5 (see Catalog 3)			



Your web code: #1401



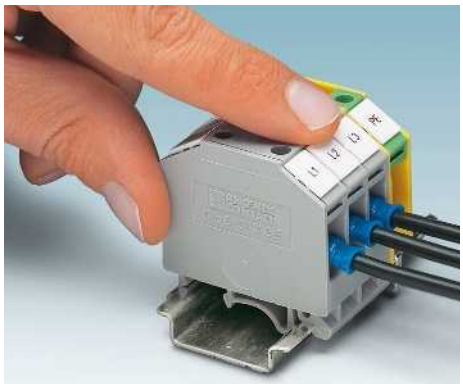
Space-saving design

Thanks to their compact type, OTTA bolt connection terminal blocks are ideally suited for switchgear, in which space is limited.



Fast, convenient conductor connection

The key feature of this range is the hinged cover which can be swung up and which features a captive cap nut. This guarantees quick and easy ring cable lug wiring.



Integrated shock protection

In addition to securing the cap nuts, the hinged cover offers simultaneous shock protection when using insulated ring cable lugs.

OTTA ... feed-through and ground terminal

- Convenient and fast conductor connection with captive cap nuts
- Safe use, even in applications which are subject to the most stringent requirements regarding shock and vibration
- Space-saving, compact design
- Integrated screw locking



2.5 (2.5) mm², 24 A, feed-through terminal block



2.5 (2.5) mm², ground terminal

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**9**	**43.5**	**45.5**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**9**	**43.5**	**50.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**800**	**0.1 - 2.5**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	20 / -	20 / -	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	26 - 14	-	22-14	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	0.1 - 2.5			
Connection bolt / hole diameter / width	[mm]	3 / 3.2 / 7.6			
Color code	red	1.50 mm²			
	blue	2.50 mm²			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	0.5 - 2.5			
Connection bolt / hole diameter / width	[mm]	3 / 3.2 / 7.6			
General data					
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...		gray	**OTTA 2,5**		0790530	50
With test socket screws		gray	**OTTA 2,5-P/P**		0790543	50
Ground terminal, for mounting on NS 35...		green-yellow				

Accessories

Cover, width 1.5 mm		gray	**D-OTTA 2,5**		0790569	50
Insertion bridge						
	2	gray	**EB 2-OTTA 2,5**	24 A	3026065	10
	3	gray	**EB 3-OTTA 2,5**	24 A	3026078	10
	4	gray	**EB 4-OTTA 2,5**	24 A	3026081	10
	5	gray	**EB 5-OTTA 2,5**	24 A	3026094	10
	6	gray	**EB 6-OTTA 2,5**	24 A	3026104	10
	7	gray	**EB 7-OTTA 2,5**	24 A	3026117	10
	10	gray	**EB 10-OTTA 2,5**	24 A	3026120	10
Partition plate, for visual and electrical separation of terminal groups, 1,5 mm thick		gray	**ATP-OTTA 2,5**		0790572	50
Screwdriver			**SZS 0,6X3,5**		1205053	10
Lateral groove marking			**ZB 8 (see Catalog 3)**			

Technical data

Width	Length	Height NS 35/7,5		
10	**43.5**	**45.5**		
Width	Length	Height NS 32		
10	**43.5**	**50.5**		
		max. Ø [mm²]	AWG (UL)	
		0.1 - 2.5	**-**	
IEC 60947-7-2 IEC	UL / CUL	CSA	IEC/ EN 60079-7	
-	-	-	-	
- / -	-	- / -	-	
2.5	-	-	-	
26 - 14	-	22-14	-	
0.1 - 2.5				
3 / 3.2 / 7.6				
1.50 mm²				
2.50 mm²				
0.5 - 2.5				
3 / 3.2 / 7.6				
M3				
0.6 - 0.8				
PA				
V2				

Ordering data

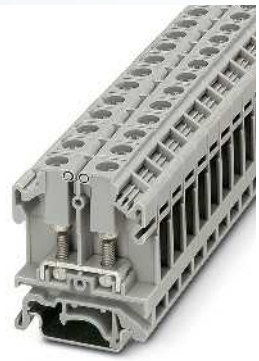
Type	Order No.	Pcs./Pkt.
OTTA 2,5-PE	0790556	50

Accessories

Type	Order No.	Pcs./Pkt.
EB 2-OTTA 2,5	3026065	10
EB 3-OTTA 2,5	3026078	10
EB 4-OTTA 2,5	3026081	10
EB 5-OTTA 2,5	3026094	10
EB 6-OTTA 2,5	3026104	10
EB 7-OTTA 2,5	3026117	10
EB 10-OTTA 2,5	3026120	10
ATP-OTTA 2,5	0790572	50
SZS 0,6X3,5	1205053	10
ZB 8 (see Catalog 3)		

OTTA ... feed-through and ground terminals

– Convenient and fast conductor connection with captive cap nuts
– Safe use, even in applications which are subject to the most stringent requirements regarding shock and vibration
– Space-saving, compact design
– Integrated screw locking



6 (6) mm², 41 A, feed-through terminal block

Technical data

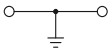
Dimensions		Width	Length	Height NS 35/7,5
	[mm]	**11**	**43.5**	**52**
Dimensions		Width	Length	Height NS 32
	[mm]	**11**	**43.5**	**57**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] AWG (UL)
		41	**800**	**0.1 - 6** **-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	[V]	800	600	600 -
Nominal current / cross section	[A] / [mm²]	41 / 6	30 / -	30 / - -
Rated cross section	[mm²]	6	-	- -
Cross section range	AWG	26 - 10	-	22-10 -
Connection capacity, DIN 46234				
Cable lugs, DIN 46234	[mm²]	0.1 - 6		
Connection bolt / hole diameter / width	[mm]	4 / 4.3 / 9.6		
Color code	red	1.50 mm²		
	blue	2.50 mm²		
	yellow	6.00 mm²		
Connection capacity, DIN 46237				
Cable lugs DIN 46237	[mm²]	0.5 - 2.5		
Connection bolt / hole diameter / width	[mm]	4 / 4.3 / 9.6		
General data				
Screw thread		M4		
Tightening torque	[Nm]	1.5 - 1.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...		gray	**OTTA 6**		0790433	50
With test socket screws		gray	**OTTA 6-P/P**		0790404	50
Ground terminal, for mounting on NS 35...		green-yellow				
Terminal block, for mounting on NS 35...		gray				
With M6 screws		gray				

Accessories

Cover, width 1.5 mm		gray	**D-OTTA 6**		0790417	50
Cover, width: 2 mm		gray				
Insertion bridge						
	2	gray	**EB 2-OTTA 6**	41 A	0790608	10
	3	gray	**EB 3-OTTA 6**	41 A	3026036	10
	4	gray	**EB 4-OTTA 6**	41 A	3026049	10
	5	gray	**EB 5-OTTA 6**	41 A	3026050	10
	7	gray	**EB 7-OTTA 6**	41 A	3026052	10
	10	gray	**EB 10- OTTA 6**	41 A	0790420	10
Partition plate, for visual and electrical separation of terminal groups, 1,5 mm thick		gray	**ATP-OTTA 6**		0790475	50
Screwdriver			**SZS 1,0X6,5 VDE**		1205079	10
Lateral groove marking			**ZB 8 (see Catalog 3)**			





6 (6) mm², ground terminal



25 (25) mm², 101 A, feed-through terminal block

Technical data

Width	Length	Height NS 35/7,5	
12	**43.5**	**52**	
Width	Length	Height NS 32	
12	**43.5**	**57**	
		max. Ø [mm²]	AWG (UL)
		0.1 - 6	**-**
IEC 60947-7-2			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	- / -	-
6	-	-	-
26 - 10	-	22-10	-
0.1 - 6			
4 / 4.3 / 9.6			
1.50 mm²			
2.50 mm²			
6.00 mm²			
0.5 - 2.5			
4 / 4.3 / 9.6			
M4			
1.5 - 1.8			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
OTTA 6-PE	0790527	50

Accessories

EB 2-OTTA 6	0790608	10
EB 3-OTTA 6	3026036	10
EB 4-OTTA 6	3026049	10
EB 5-OTTA 6	3026050	10
EB 7-OTTA 6	3026052	10
EB 10- OTTA 6	0790420	10
SZS 1,0X6,5 VDE	1205079	10

ZB 8 (see Catalog 3)

DNV GL

Technical data

Width	Length	Height NS 35/7,5	
18	**60**	**64.5**	
Width	Length	Height NS 32	
18	**60**	**69.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
101	**800**	**0.1 - 25**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
101 / 25	115 / -	100 / -	-
25	-	-	-
26 - 4	-	18-4	-
0.1 - 25			
5 / 5.3 / 16			
1 - 6			
5 / 5.3 / 16			
M5			
2.5 - 3			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
OTTA 25-M5	0790488	50
OTTA 25-M6	0790491	50

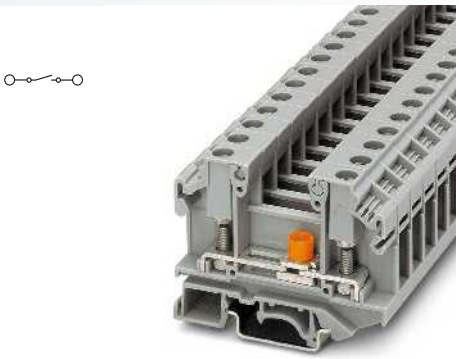
Accessories

D-OTTA 25	0790514	50
ATP-OTTA 25	0790501	50
SZS 1,0X6,5 VDE	1205079	10

ZB 10 (see Catalog 3)

OTTA 6-T... measuring transducer disconnect terminal blocks





6 (6) mm², 36 A, measuring transducer disconnect terminal block

- Easy and clear testing in measuring transducer secondary circuits can be performed using the OTTA 6-T... measuring transducer disconnect terminal blocks
- Compact design
- Bridge bars with and without test sockets

DNV GL

Technical data

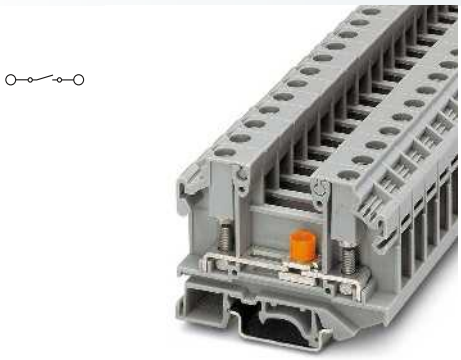
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		11	**69**	**52**
Dimensions		Width	Length	Height NS 32
	[mm]	**11**	**69**	**57**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] AWG (UL)
		36	**800**	**0.1 - 6** **-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA IEC/ EN 60079-7
Rated voltage	[V]	800	600	600 -
Nominal current / cross section	[A] / [mm²]	36 / 6	30 / -	25 / - -
Rated cross section	[mm²]	6	-	- -
Cross section range	AWG	26 - 10	-	22-10 -
Connection capacity, DIN 46234				
Cable lugs, DIN 46234	[mm²]	0.1 - 6		
Connection bolt / hole diameter / width	[mm]	4 / 4.3 / 9.6		
Color code	red	1.50 mm²		
	blue	2.50 mm²		
	yellow	6.00 mm²		
Connection capacity, DIN 46237				
Cable lugs DIN 46237	[mm²]	0.5 - 2.5		
Connection bolt / hole diameter / width	[mm]	4 / 4.3 / 9.6		
General data				
Terminal point: thread / torque	- / [Nm]	M4 / 1.5 - 1.8		
Disconnect slide: Thread / Torque	- / [Nm]	M4 / 0.6 - 0.8		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

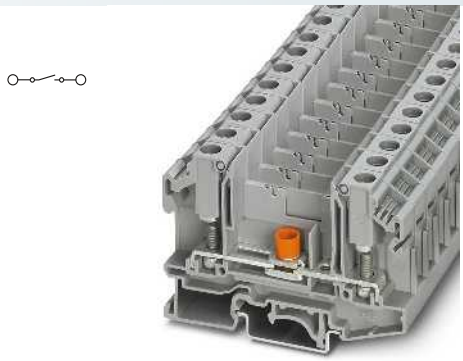
Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Disconnect terminal block, for mounting on NS 35...		gray	**OTTA 6-T**		0790446	50
Disconnect terminal block, with test socket screws, for mounting on NS 35...		gray				
Disconnect terminal block, with test socket screws, for accommodating bridge bars, for mounting on NS 35...		gray				

Accessories

Cover, width: 2 mm		gray	**D-OTTA 6-T**		0790459	50
Insertion bridge						
	2	gray	**EB 2-OTTA 6**	36 A	0790608	10
	3	gray	**EB 3-OTTA 6**	36 A	3026036	10
	4	gray	**EB 4-OTTA 6**	36 A	3026049	10
	5	gray	**EB 5-OTTA 6**	36 A	3026050	10
	7	gray	**EB 7-OTTA 6**	36 A	3026052	10
	10	gray	**EB 10- OTTA 6**	36 A	0790420	10
Bridge bar						
	2	silver				
Switching lock, plug-in		white	**S-OTTA 6-T**		0311199	50
Screwdriver			**SZS 1,0X6,5 VDE**		1205079	10
Lateral groove marking			**ZB 10 (see Catalog 3)**			



6 (6) mm², 36 A, measuring transducer disconnect terminal block, with test socket screws



6 (6) mm², 41 A, measuring transducer disconnect terminal block, with test socket screws, for accommodating bridge bars

Technical data

Width	Length	Height NS 35/7,5	
11	**69**	**52**	
Width	Length	Height NS 32	
11	**69**	**57**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
36	**800**	**0.1 - 6**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
36 / 6	30 / -	25 / -	-
6	-	-	-
26 - 10	-	22-10	-
0.1 - 6			
4 / 4.3 / 9.6			
1.50 mm²			
2.50 mm²			
6.00 mm²			
0.5 - 2.5			
4 / 4.3 / 9.6			
M4 / 1.5 - 1.8			
M4 / 1.2 - 1.4			
PA			
V0			

Technical data

Width	Length	Height NS 35/7,5	
11	**79.2**	**52**	
Width	Length	Height NS 32	
11	**79.2**	**57**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
41	**1000**	**0.1 - 6**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	-	-
41 / 6	30 / -	-	-
6	-	-	-
26 - 10	-	-	-
0.1 - 6			
4 / 4.3 / 9.6			
1.50 mm²			
2.50 mm²			
6.00 mm²			
0.5 - 2.5			
4 / 4.3 / 9.6			
M4 / 1.5 - 1.8			
M4 / 1.2 - 1.4			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
OTTA 6-T-P/P		**0790462**	50

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
OTTA 6-T/SB-P/P		**3001269**	50

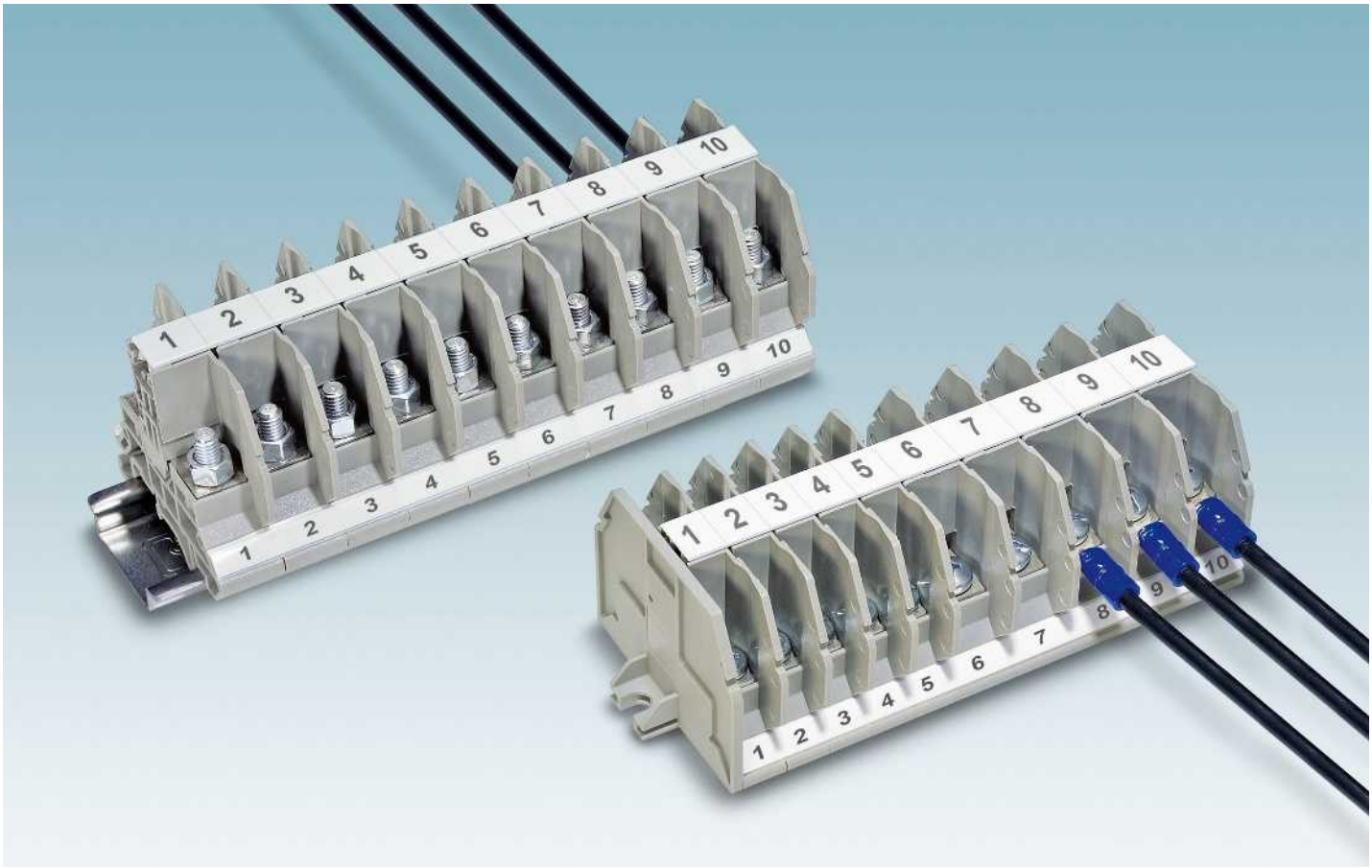
Accessories

D-OTTA 6-T		**0790459**	50
EB 2-OTTA 6	36 A	**0790608**	10
EB 3-OTTA 6	36 A	**3026036**	10
EB 4-OTTA 6	36 A	**3026049**	10
EB 5-OTTA 6	36 A	**3026050**	10
EB 7-OTTA 6	36 A	**3026052**	10
EB 10- OTTA 6	36 A	**0790420**	10
S-OTTA 6-T		**0311199**	50
SZS 1,0X6,5 VDE		**1205079**	10
ZB 10 (see Catalog 3)			

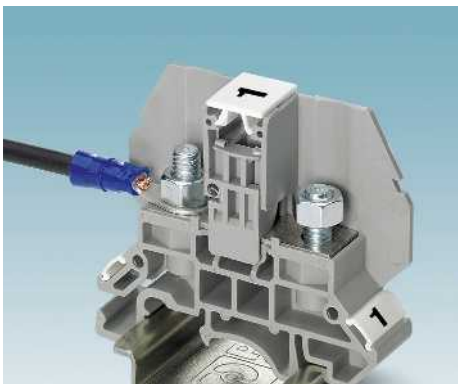
Accessories

D-OTTA/RBO-SB		**3001355**	50
EB 2-OTTA 6	36 A	**0790608**	10
EB 3-OTTA 6	36 A	**3026036**	10
EB 4-OTTA 6	36 A	**3026049**	10
EB 5-OTTA 6	36 A	**3026050**	10
EB 7-OTTA 6	36 A	**3026052**	10
EB 10- OTTA 6	36 A	**0790420**	10
USBR 2-11		**3001356**	50
SZS 1,0X6,5 VDE		**1205079**	10
ZB 10 (see Catalog 3)			

Bolt connection and screw terminal blocks

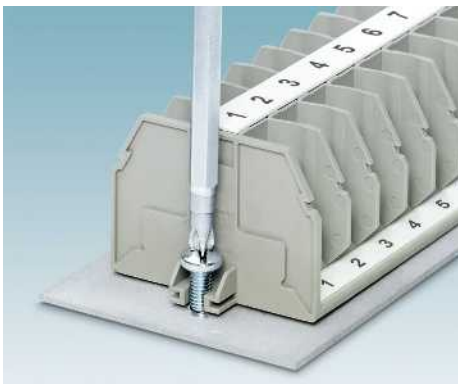


Your web code: #1401



Extensive program

The RBO product range offers a suitable compact terminal block with bolt connection from M5 to M16 for every conductor connection from 0.5 - 300 mm²



Flexible assembly

The bolt connection terminal blocks offer two mounting options:

– Can be snapped onto the conventional EN DIN rails
– Direct mounting on mounting plates



Modular shock protection

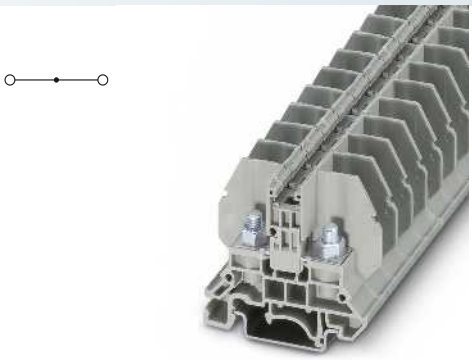
Using the extensive range of accessories, modular shock protection can be implemented easily and according to application requirements

RBO 5... bolt connection terminals, for M5 ring and fork-type cable lugs

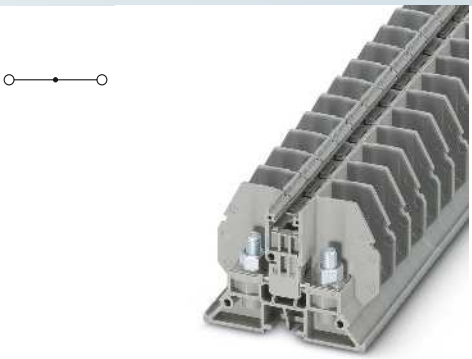
- Compact connection with ring- and fork-type cable lugs
- Bridge shaft for potential distribution using standard screw bridges
- Isolator bridge bar for switchable cross connections
- Mounting on standard DIN rails or directly in control boxes

Notes:

1) 57 A for continuous bridging, 41 A for bridging between non-adjacent terminal blocks.



10 (10) mm², 57 A, feed-through terminal block for DIN rail mounting



10 (10) mm², 57 A, feed-through terminal block, for direct mounting

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**13**	**53.3**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**13**	**53.3**	**52**	
Dimensions		Width	Length	Height	
	[mm]	**13**	**53.3**	**-**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		57	**800**	**0.1 - 10**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	57 / 10	45 / -	-	-
Rated cross section	[mm²]	10	-	-	-
Cross section range	AWG	26 - 8	-	-	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	0.1 - 10			
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	0.5 - 6			
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10			
Color code	red	1.00 mm²			
	blue	2.50 mm²			
	yellow	6.00 mm²			
General data					
Bolt thread		M5			
Tightening torque	[Nm]	2 - 2.2			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Bolt connection terminal, for mounting on NS 32... or NS 35...		gray	**RBO 5**		3058059	50
Flange terminal block, for direct mounting, including D-RSC 5-F cover flange		gray				
Flange terminal block, for direct mounting, including D-RSC 5-F cover flange, 4-pos.		gray				
Block, 6-pos.		gray				
Block, 8-pos.		gray				
Block, 12-pos.		gray				

Accessories

Cover, width: 2.2 mm		gray	**D-RSC 5**		3058020	50
Cover flange, width 2.2 mm		gray				
Fixed bridge, isolated	10	silver	**FB 10-13**	57 A[1]	3059126	10
Isolator bridge bar, can be separated, with 10 screws	10	silver	**FB 10-13 ISO**	24 A	3059663	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Cover profile, supply length 1 m		transparent	**AP RSC**		3058017	10
Socket wrench			**SHN 8**		1209868	1
Center groove marking			**ZB 13 (see Catalog 3)**			
Lateral groove marking			**ZBF 13 (see Catalog 3)**			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**13**	**53.3**	**-**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**13**	**53.3**	**-**	
Dimensions		Width	Length	Height	
	[mm]	**13**	**53.3**	**37**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		57	**800**	**0.1 - 10**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	57 / 10	45 / -	-	-
Rated cross section	[mm²]	10	-	-	-
Cross section range	AWG	26 - 8	-	-	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	0.1 - 10			
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	0.5 - 6			
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10			
Color code	red	1.00 mm²			
	blue	2.50 mm²			
	yellow	6.00 mm²			
General data					
Bolt thread		M5			
Tightening torque	[Nm]	2 - 2.2			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RBO 5-F		3058062	50
RBO 5-F/4		3058237	1
RBO 5-F/6		3058240	1
RBO 5-F/8		3058253	1
RBO 5-F/12		3059252	1

Accessories

D-RSC 5-F		3059647	50
FB 10-13	57 A[1]	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC		3058017	10
SHN 8		1209868	1
ZB 13 (see Catalog 3)			
ZBF 13 (see Catalog 3)			

RBO and RSC bolt connection terminal blocks

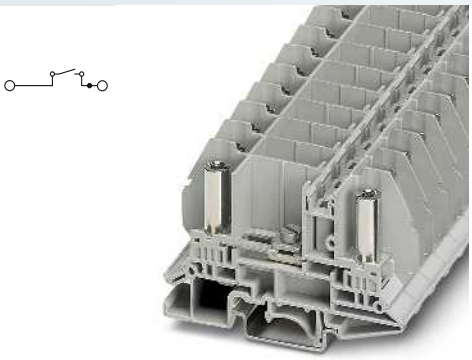
RBO 5-T... meas. trans. disconnect term. block with bolt connection for M5 ring- and fork-type cable lug

- Connection screws with 4 mm test connection
- Compact connection with ring- and fork-type cable lugs
- Bridge shaft for potential distribution using standard screw bridges
- Isolator bridge bar for switchable cross connections
- Mounting on standard DIN rails or directly in control boxes

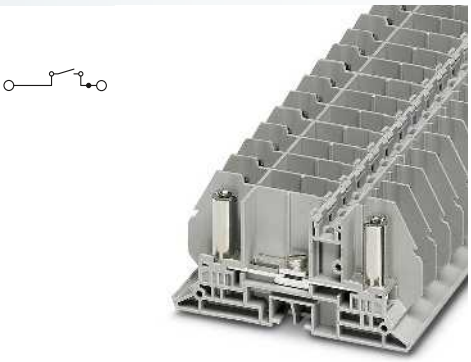
Notes:

[1]) 57 A for continuous bridging, 41 A for bridging between non-adjacent terminal blocks

[2]) Rated voltage for 630 V open disconnect point.



10 (10) mm², 50 A, measuring transducer disconnect terminal block



10 (10) mm², 50 A, measuring transducer disconnect terminal block, for direct mounting

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**13**	**79.9**	**47**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**13**	**79.9**	**52**	
Dimensions		Width	Length	Height	
	[mm]	**13**	**79.9**	**-**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		50	**800[2])**	**0.1 - 10**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800[2])	600	-	-
Nominal current / cross section	[A] / [mm²]	50 / 10	45 / -	-	-
Rated cross section	[mm²]	10	-	-	-
Cross section range	AWG	26 - 8	-	-	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	0.1 - 10			
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	0.5 - 6			
Connection bolt / hole diameter / width	[mm]	5 / 5.3 / 10			
Color code	red	1.00 mm²			
	blue	2.50 mm²			
	yellow	6.00 mm²			
General data					
Disconnect slide: Thread / Torque	- / [Nm]	M4 / 1.2 - 1.4			
Bolt thread		M5			
Tightening torque	[Nm]	2 - 2.2			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

Width		Length	Height NS 35/7,5		
13		**79.9**	**-**		
Width		Length	Height NS 32		
13		**79.9**	**-**		
Width		Length	Height		
13		**79.9**	**39.7**		
$I_{max.}$ [A]		$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
50		**800[2])**	**0.1 - 10**	**-**	
IEC 60947-7-1 IEC		UL / CUL	CSA	IEC/ EN 60079-7	
800[2])		600	-	-	
50 / 10		45 / -	-	-	
10		-	-	-	
26 - 8		-	-	-	
0.1 - 10					
5 / 5.3 / 10					
0.5 - 6					
5 / 5.3 / 10					
1.00 mm²					
2.50 mm²					
6.00 mm²					
M4 / 1.2 - 1.4					
M5					
2 - 2.2					
PA					
V0					

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Measuring transducer disconnect terminal block, for mounting on NS 32... or NS 35...		gray	**RBO 5-T**		3058114	50
Measuring transducer disconnect terminal block, with flange, for direct mounting		gray				

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RBO 5-T-F		3058169	50

Accessories

Cover, width: 2.2 mm	gray	**D-RSC 5-T**	3058046	50
Fixed bridge, isolated				
10	silver	**FB 10-13**	3059126	10
Isolator bridge bar, can be separated, with 10 screws				
10	silver	**FB 10-13 ISO**	3059663	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch	gray	**TS-KK 3**	2770215	50
Cover profile, supply length 1 m	transparent	**AP RSC-T**	3059139	10
Screwdriver		**SZG 0,9X6,5 VDE**	1205134	10

Accessories

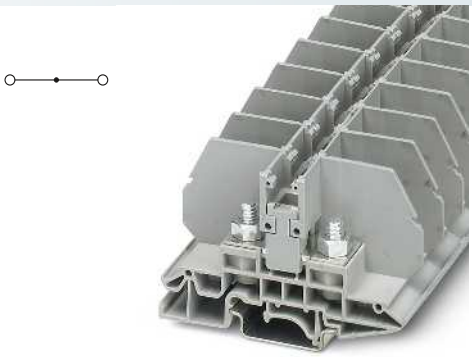
D-RSC 5-T-F		3059346	50
FB 10-13	57 A[1])	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC-T		3059139	10
SZG 0,9X6,5 VDE		1205134	10

Center groove marking	**ZB 13 (see Catalog 3)**
Lateral groove marking	**ZBF 13 (see Catalog 3)**

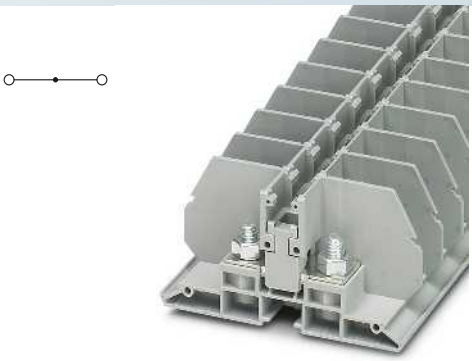
Center groove marking	**ZB 13 (see Catalog 3)**
Lateral groove marking	**ZBF 13 (see Catalog 3)**

RBO 6... bolt connection terminal blocks for M6 ring- and fork-type cable lugs

- Compact connection with ring- and fork-type cable lugs
- Bridge shaft for potential distribution using standard screw bridges
- Isolator bridge bar for switchable cross connections
- Mounting on standard DIN rails or directly in control boxes



35 (35) mm², 125 A, feed-through terminal block, for DIN rail mounting



35 (35) mm², 125 A, feed-through terminal block, for direct mounting

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**17**	**80.8**	**49.8**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**17**	**80.8**	**54.8**	
Dimensions		Width	Length	Height	
	[mm]	**17**	**80.8**	**-**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		125	**800**	**2.5 - 35**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	125 / 35	115 / -	115 / -	-
Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	12 - 2	-	12-2	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	6 - 35			
Connection bolt / hole diameter / width	[mm]	6 / 6.5 / 15			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	2.5 - 6			
Connection bolt / hole diameter / width	[mm]	6 / 6.5 / 11			
	blue	2.50 mm²			
	yellow	6.00 mm²			
General data					
Bolt thread		M6			
Tightening torque	[Nm]	3.2 - 3.7			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Bolt connection terminal, for mounting on NS 32... or NS 35...		gray	**RBO 6**		3075896	40
Flange terminal block, for direct mounting, including cover flange D–RSC 6–F		gray				

Accessories

Cover, width: 2.2 mm		gray	**D-RSC 6**		3213098	50
Cover flange, width 2.2 mm		gray				
Fixed bridge, isolated	10	silver	**FB 10-17**	57 A	3075951	10
Isolator bridge bar, can be separated, with 10 screws	10	silver	**FB 10-17 ISO**	57 A	3213085	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Cover profile, supply length 1 m		transparent	**AP RSC-T**		3059139	10
Center groove marking			**ZB 17 (see Catalog 3)**			
Lateral groove marking			**ZBF 17 (see Catalog 3)**			

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**17**	**80.8**	**-**	
Dimensions		Width	Length	Height NS 32	
	[mm]	**17**	**80.8**	**-**	
Dimensions		Width	Length	Height	
	[mm]	**17**	**80.8**	**39.7**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		125	**800**	**2.5 - 35**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	600	-
Nominal current / cross section	[A] / [mm²]	125 / 35	115 / -	115 / -	-
Rated cross section	[mm²]	35	-	-	-
Cross section range	AWG	12 - 2	-	12-2	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	6 - 35			
Connection bolt / hole diameter / width	[mm]	6 / 6.5 / 15			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	2.5 - 6			
Connection bolt / hole diameter / width	[mm]	6 / 6.5 / 11			
	blue	2.50 mm²			
	yellow	6.00 mm²			
General data					
Bolt thread		M6			
Tightening torque	[Nm]	3.2 - 3.7			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RBO 6-F		3075935	40

Accessories

D-RSC 6-F		3213108	50
FB 10-17	57 A	3075951	10
FB 10-17 ISO	57 A	3213085	10
TS-KK 3		2770215	50
AP RSC-T		3059139	10
ZB 17 (see Catalog 3)			
ZBF 17 (see Catalog 3)			

RBO bolt connection terminal blocks, open, for ring- and fork-type cable lugs



- Optional snap-on finger protection
- Compact connection with ring- and fork-type cable lugs
- Potential distribution with connection rails
- The covering hoods for the RBO 10, RBO 12, and RBO 16 bolt terminal blocks can be sealed to prevent unauthorized opening. The lugs that can be snapped on for this purpose are supplied as standard with the covering hoods
- The RBO 10, RBO 12, and RBO 16 have a 4 mm test connection at the center of the terminal block

Mounting options

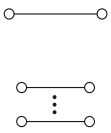
- Mounting either on standard mounting rails or directly in switch boxes, see Figure below



Notes:

For corresponding test plugs, see the following page.

[1]) For information on installation and using accessories for Ex applications, see page 644.





70 (70) mm², 192 A, feed-through terminal block, for DIN rail and direct mounting

Ex: EAC Ex

SEV13ATEX0132U / IECEx SEV13.0003U

Technical data

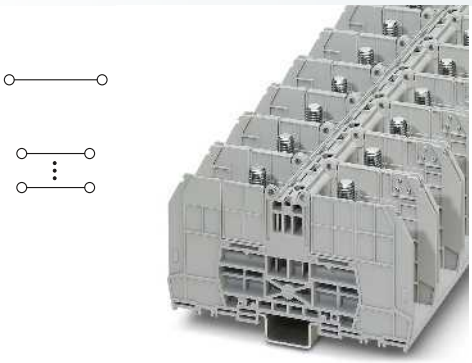
Dimensions		Width	Length	Height NS 35/15	
	[mm]	**29**	**136**	**74.5**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		192	**1000**	**6 - 70**	**-**
Rated data		IEC 60947-7-1			Ex
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	600	600	690
Nominal current / cross section	[A] / [mm²]	192 / 70	175 / -	175 / -	187 / 70
Rated cross section	[mm²]	70	-	-	2.5-70
Cross section range	AWG	8 - 2/0	-	-	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	2.5 - 70			
Connection bolt / hole diameter / width	[mm]	8 / 8.4 / 22			
Connection capacity DIN 46235					
Cable lugs DIN 46235	[mm²]	16 - 70			
Connection bolt / hole diameter / width	[mm]	8 / 8.4 / 24			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	2.5 - 6			
Connection bolt / hole diameter / width	[mm]	8 / 8.4 / 14			
	blue	2.50 mm²			
	yellow	6.00 mm²			
General data					
Bolt thread		M8			
Tightening torque	[Nm]	6 - 12			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Bolt connection terminal block, for direct mounting or mounting on NS 35/15		gray	**RBO 8**		3213137	5
		blue	**RBO 8 BU**		3213136	5
		black/yellow	**RBO 8-FE**		3213139	5
Block, 3-pos., (3 x gray)		gray	**RBO 8-3L**		3076206	2
Block, 4-pos., (3 x gray, 1 x blue)		gray/blue	**RBO 8-3L/N**		3076248	2
Block, 4-pos., (3 x gray, 1 x black-yellow)		gray/black-yellow	**RBO 8-3L/FE**		3076124	2
Block, 5-pos., (3 x gray, 1 x blue, 1 x black-yellow)		gray/blue/ black-yellow	**RBO 8-3L/N/FE**		3076280	2

Accessories[1])

Connection rail, for cross connection of high-current connectors						
	2	silver	**RBO 8-VS 2**	192 A	3213179	10
	3	silver	**RBO 8-VS 3**	192 A	3213182	10
Covering hood, as retrofit snap-on shock protection for cable lug connection		gray	**HC-RBO 8**		3247967	10
		blue	**HC-RBO 8 BU**		3247969	10
		black/yellow	**HC-RBO 8-FE**		3247968	10
End bracket, aluminum, for screwing on, for end support of 50 - 300 mm² terminal blocks, can be marked with ZB 10, for mounting on NS 35...		silver	**E/AL-NS 35**		1201662	10
Terminal strip marker, adjustable height, for end clamp CLIPFIX ..., can be labeled with EML (20x8) label or directly with B-STIFT or X-PEN		gray				
Center groove marking			**UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)**			



150 (150) mm², 309 A, feed-through terminal block, for DIN rail and direct mounting

Ex: EAC Ex
SEV13ATEX0132U / IECEx SEV13.0003U

Technical data

Width	Length	Height NS 35/15	
41	**144**	**84.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
309	**1000**	**6 - 150**	**10-350**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	1000	1100
309 / 150	310 / -	310 / -	309 / 150
150	-	-	6-150
10 - 300	10-350	10-350	-
6 - 150			
10 / 10.5 / 30			
16 - 150			
10 / 10.5 / 34			
6 - 6			
10 / 10.5 / 18			
6.00 mm²			
M10			
10 - 20			
PA			
V0			

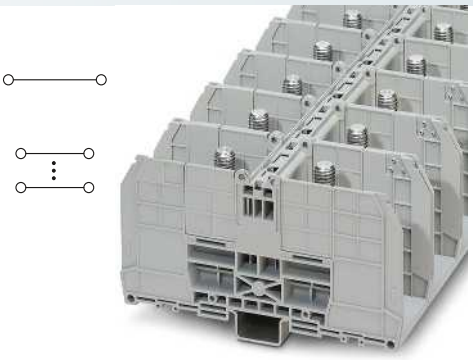
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RBO 10		3244614	5
RBO 10 BU		3244616	5
RBO 10-FE		3244615	5
RBO 10-3L		3076219	2
RBO 10-3L/N		3076251	2
RBO 10-3L/FE		3076137	2
RBO 10-3L/N/FE		3076293	2

Accessories[1])

RBO 10-VS 2	309 A	3244643	10
RBO 10-VS 3	309 A	3244656	10
HC-RBO 10		3247970	6
HC-RBO 10 BU		3247972	6
HC-RBO 10-FE		3247971	6
E/AL-NS 35		1201662	10
KLM 3-L		0814788	100

UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)



240 (240) mm², 415 A, feed-through terminal block, for DIN rail and direct mounting

Ex: EAC Ex
SEV13ATEX0132U / IECEx SEV13.0003U

Technical data

Width	Length	Height NS 35/15	
49	**164**	**90.8**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
415	**1000**	**10 - 240**	**8-600**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	1000	1100
415 / 240	420 / -	420 / -	415 / 240
240	-	-	10-240
8 - 500	8-600	8-600	-
10 - 240			
12 / 13 / 38			
25 - 240			
12 / 13 / 42			
-			
- / - / -			
M12			
14 - 30			
PA			
V0			

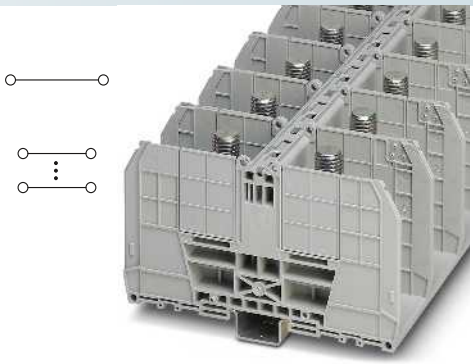
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RBO 12		3244627	5
RBO 12 BU		3244629	5
RBO 12-FE		3244628	5
RBO 12-3L		3076222	1
RBO 12-3L/N		3076264	1
RBO 12-3L/FE		3076140	1
RBO 12-3L/N/FE		3076303	1

Accessories[1])

RBO 12-VS 2	415 A	3244669	10
RBO 12-VS 3	415 A	3244672	10
HC-RBO 12		3247983	6
HC-RBO 12 BU		3247985	6
HC-RBO 12-FE		3247984	6
E/AL-NS 35		1201662	10
KLM 3-L		0814788	100

UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)



300 (300) mm², 520 A, feed-through terminal block, for DIN rail and direct mounting

Ex: EAC Ex
SEV13ATEX0132U / IECEx SEV13.0003U

Technical data

Width	Length	Height NS 35/15	
54.8	**164**	**99.3**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
520	**1000**	**25 - 300**	**4-1000**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	1000	1100
520 / 300	540 / -	540 / -	520 / 300
300	-	-	25-300
4 - 600	4-1000	4-1000	-
25 - 240			
16 / 17 / 38			
50 - 300			
16 / 17 / 48			
-			
- / - / -			
M16			
25 - 35			
PA			
V0			

Ordering data

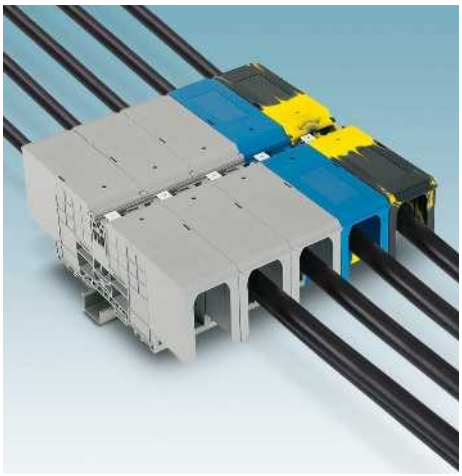
Type	I_{max}	Order No.	Pcs./Pkt.
RBO 16		3244630	5
RBO 16 BU		3244632	5
RBO 16-FE		3244631	5
RBO 16-3L		3076235	1
RBO 16-3L/N		3076277	1
RBO 16-3L/FE		3076153	1
RBO 16-3L/N/FE		3076316	1

Accessories[1])

RBO 16-VS 2	520 A	3244685	10
RBO 16-VS 3	520 A	3244698	10
HC-RBO 16		3247996	6
HC-RBO 16 BU		3247998	6
HC-RBO 16-FE		3247997	6
E/AL-NS 35		1201662	10
KLM 3-L		0814788	100

UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)

RBO bolt connection terminal blocks with covering hoods, for ring- and fork-type cable lugs



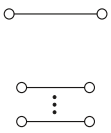
- With protective covers
- Compact connection with ring- and fork-type cable lugs
- Potential distribution with connection rails
- The covering hoods for the RBO 10, RBO 12, and RBO 16 bolt terminal blocks can be sealed to prevent unauthorized opening. The lugs that can be snapped on for this purpose are supplied as standard
- The RBO 10, RBO 12, and RBO 16 have a 4 mm test connection at the center of the terminal block
- The covering hoods can be custom-marked using the following labels:
  0817028 EML (51X25)R
  0817031 EML (51X25)R YE
  0817002 EML (51X25)R SR

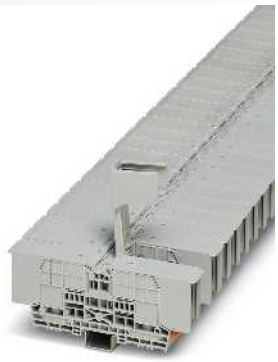


Notes:

[1]) For information on installation and using accessories for Ex applications, see page 644.

[2]) Cable lug must be insulated with shrink sleeve.





70 (70) mm², 192 A, feed-through terminal block, for DIN rail and direct mounting

Ex: EAC Ex
SEV13ATEX0132U / IECEx SEV13.0003U

Technical data

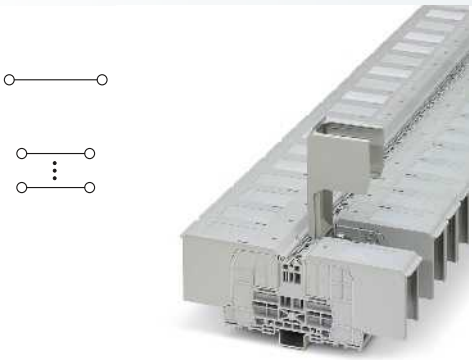
Dimensions				
	Width	Length	Height NS 35/15	
	[mm]	29	184	74.5
Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	192	1500[2])	6 - 70	-
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	Ex IEC/ EN 60079-7
Rated voltage	[V]	1500[2])	600	- 690
Nominal current / cross section	[A] / [mm²]	192 / 70	175 / -	- 187 / 70
Rated cross section	[mm²]	70	-	- 2.5-70
Cross section range	AWG	8 - 2/0	-	- -
Connection capacity, DIN 46234				
Cable lugs, DIN 46234	[mm²]	2.5 - 70		
Connection bolt / hole diameter / width	[mm]	8 / 8.4 / 22		
Connection capacity DIN 46235				
Cable lugs DIN 46235	[mm²]	16 - 70		
Connection bolt / hole diameter / width	[mm]	8 / 8.4 / 24		
Connection capacity, DIN 46237				
Cable lugs DIN 46237	[mm²]	2.5 - 6		
Connection bolt / hole diameter / width	[mm]	8 / 8.4 / 14		
	blue	2.50 mm²		
	yellow	6.00 mm²		
General data				
Bolt thread		M8		
Tightening torque	[Nm]	6 - 12		
Insulating material		PA		
Flammability rating according to UL 94		V0		

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Bolt connection terminal blocks, with covering hood, for direct mounting or mounting on NS 35/15		gray	**RBO 8-HC**		3247973	5
		blue	**RBO 8-HC BU**		3247974	5
		black/yellow	**RBO 8-FE-HC**		3247975	5
Block, 3-pos., (3 x gray)		gray	**RBO 8-3L-HC**		3076044	2
Block, 4-pos., (3 x gray, 1 x blue)		gray/blue	**RBO 8-3L/N-HC**		3076086	2
Block, 4-pos., (3 x gray, 1 x black-yellow)		gray/black-yellow	**RBO 8-3L/FE-HC**		3076125	2
Block, 5-pos., (3 x gray, 1 x blue, 1 x black-yellow)		gray/blue/ black-yellow	**RBO 8-3L/N/FE-HC**		3076167	2

Accessories[1])

Connection rail, for cross connection of high-current connectors						
	2	silver	**RBO 8-VS 2**	192 A	3213179	10
	3	silver	**RBO 8-VS 3**	192 A	3213182	10
End bracket, aluminum, for screwing on, for end support of 50 - 300 mm² terminal blocks, can be marked with ZB 10, for mounting on NS 35...		silver	**E/AL-NS 35**		1201662	10
Terminal strip marker, adjustable height, for end clamp CLIPFIX ..., can be labeled with EML (20x8) label or directly with B-STIFT or X-PEN		gray				
Center groove marking			**UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)**			



150 (150) mm², 309 A, feed-through terminal block, for DIN rail and direct mounting

Ex: EAC Ex
SEV13ATEX0132U / IECEx SEV13.0003U

Technical data

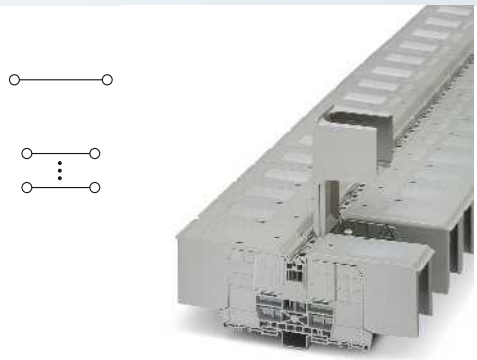
Width	Length	Height NS 35/15	
41	**235**	**84.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
309	**1500²)**	**6 - 150**	**10-350**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1500²)	600	1000	1100
309 / 150	310 / -	310 / -	309 / 150
150	-	-	6-150
10 - 300	10-350	10-350	-
6 - 150			
10 / 10.5 / 30			
16 - 150			
10 / 10.5 / 34			
6 - 6			
10 / 10.5 / 18			
6.00 mm²			
M10			
10 - 20			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RBO 10-HC		3247976	5
RBO 10-HC BU		3247977	5
RBO 10-FE-HC		3247978	5
RBO 10-3L-HC		3076057	2
RBO 10-3L/N-HC		3076099	2
RBO 10-3L/FE-HC		3076138	2
RBO 10-3L/N/FE-HC		3076170	2

Accessories[1])

RBO 10-VS 2	309 A	3244643	10
RBO 10-VS 3	309 A	3244656	10
E/AL-NS 35		1201662	10
KLM 3-L		0814788	100
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)			



240 (240) mm², 415 A, feed-through terminal block, for DIN rail and direct mounting

Ex: EAC Ex
SEV13ATEX0132U / IECEx SEV13.0003U

Technical data

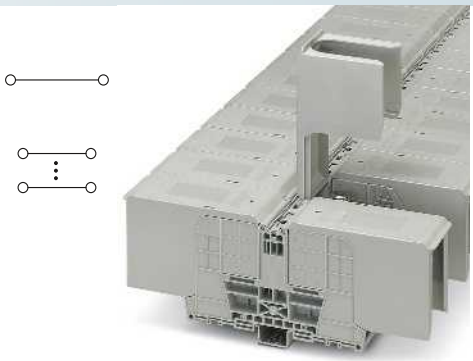
Width	Length	Height NS 35/15	
49	**265**	**90.8**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
415	**1500²)**	**10 - 240**	**8-600**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1500²)	600	1000	1100
415 / 240	420 / -	420 / -	415 / 240
240	-	-	10-240
8 - 500	8-600	8-600	-
10 - 240			
12 / 13 / 38			
25 - 240			
12 / 13 / 42			
-			
- / - / -			
M12			
14 - 30			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RBO 12-HC		3247986	5
RBO 12-HC BU		3247987	5
RBO 12-FE-HC		3247988	5
RBO 12-3L-HC		3076060	1
RBO 12-3L/N-HC		3076109	1
RBO 12-3L/FE-HC		3076141	1
RBO 12-3L/N/FE-HC		3076183	1

Accessories[1])

RBO 12-VS 2	415 A	3244669	10
RBO 12-VS 3	415 A	3244672	10
E/AL-NS 35		1201662	10
KLM 3-L		0814788	100
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)			



300 (300) mm², 520 A, feed-through terminal block, for DIN rail and direct mounting

Ex: EAC Ex
SEV13ATEX0132U / IECEx SEV13.0003U

Technical data

Width	Length	Height NS 35/15	
54.8	**283.5**	**99.3**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
520	**1500²)**	**25 - 300**	**4-1000**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1500²)	600	1000	1100
520 / 300	540 / -	540 / -	520 / 300
300	-	-	25-300
4 - 600	4-1000	4-1000	-
25 - 240			
16 / 17 / 38			
50 - 300			
16 / 17 / 48			
-			
- / - / -			
M16			
25 - 35			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RBO 16-HC		3247989	5
RBO 16-HC BU		3247990	5
RBO 16-FE-HC		3247991	5
RBO 16-3L-HC		3076073	1
RBO 16-3L/N-HC		3076112	1
RBO 16-3L/FE-HC		3076154	1
RBO 16-3L/N/FE-HC		3076196	1

Accessories[1])

RBO 16-VS 2	520 A	3244685	10
RBO 16-VS 3	520 A	3244698	10
E/AL-NS 35		1201662	10
KLM 3-L		0814788	100
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)			

RSC ... screw terminal blocks, for M4 and M5 ring and fork-type cable lugs



- Compact screw connection of ring and fork-type cable lugs
- Bridge shaft for potential distribution using standard screw bridges
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact
- Mounting on standard DIN rails or directly in control boxes
- Cover profile that can be snapped directly onto the terminal blocks provides touch-proof protection
- Large-surface, seamless external and center marking
- Screw nuts and current bars are latched in the insulating housing and cannot be removed



Notes:

[1]) 57 A for continuous bridging, 41 A for bridging between non-adjacent terminal blocks.

[2]) Rated voltage for 630 V open disconnect point.



4 (6) mm², 32 A, feed-through terminal block

Technical data

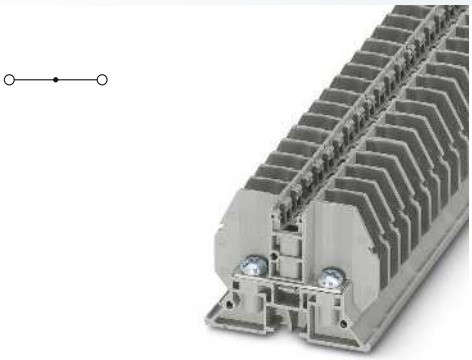
Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		9	**53.3**	**47.1**
Dimensions				
	[mm]	Width	Length	Height NS 32
		9	**53.3**	**52.1**
Dimensions				
	[mm]	Width	Length	Height
		9	**53.3**	**-**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**800**	**0.1 - 6**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	800	600	-	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	-	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	26 - 10	-	-	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	0.1 - 6			
Connection bolt / hole diameter / width	[mm]	4 / 4.3 / 8			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	0.5 - 2.5			
Connection bolt / hole diameter / width	[mm]	4 / 4.3 / 8			
Color code	red	1.00 mm²			
	blue	2.50 mm²			
	yellow				
General data					
Bolt thread		M4			
Tightening torque	[Nm]	1.2 - 1.4			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Bolt connection terminal, for mounting on NS 32... or NS 35...		gray	**RSC 4**		3058127	50
Bolt connection/flange terminal block, for direct mounting		gray				
Block, 4-pos.		gray				
Block, 6-pos.		gray				
Block, 8-pos.		gray				
Block, 12-pos.		gray				

Accessories

Cover, width: 2.2 mm		gray	**D-RSC 5**		3058020	50
Fixed bridge, isolated	10	silver	**FB 10-9**	32 A	3059113	10
Isolator bridge bar, can be separated, with 10 screws	10	silver	**FB 10-9 ISO**	24 A	3059650	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Cover profile, supply length 1 m		transparent	**AP RSC**		3058017	10
Screwdriver			**SZS 1,0X6,5 VDE**		1205079	10
			SZK PH2 VDE		1205163	10
Center groove marking			**ZB 9 (see Catalog 3)**			
Lateral groove marking			**ZBF 9 (see Catalog 3)**			



4 (6) mm², 32 A, feed-through terminal block, for direct mounting

Technical data

Width	Length	Height NS 35/7,5	
9	**53.3**	**-**	
Width	Length	Height NS 32	
9	**53.3**	**-**	
Width	Length	Height	
9	**53.3**	**37**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
32	**800²)**	**0.1 - 6**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800²)	600	-	-
32 / 4	30 / -	-	-
4	-	-	-
26 - 10	-	-	-
0.1 - 6			
4 / 4.3 / 8			
0.5 - 2.5			
4 / 4.3 / 8			
1.00 mm²			
2.50 mm²			
M4			
1.2 - 1.4			
PA			
V0			

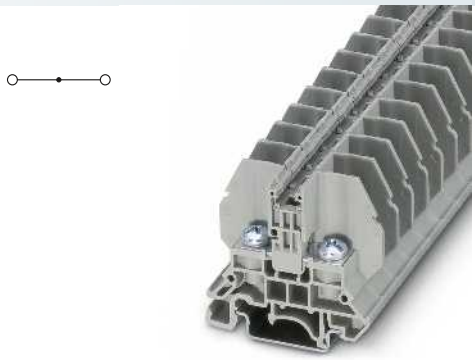
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RSC 4-F		3058130	50
RSC 4-F/4		3059171	1
RSC 4-F/6		3059184	1
RSC 4-F/8		3059197	1
RSC 4-F/12		3059207	1

Accessories

D-RSC 5-F		3059647	50
FB 10-9	32 A	3059113	10
FB 10-9 ISO	24 A	3059650	10
TS-KK 3		2770215	50
AP RSC		3058017	10
SZS 1,0X6,5 VDE		1205079	10
SZK PH2 VDE		1205163	10

ZB 9 (see Catalog 3)
ZBF 9 (see Catalog 3)



10 (10) mm², 57 A, feed-through terminal block

Technical data

Width	Length	Height NS 35/7,5	
13	**53.3**	**47.1**	
Width	Length	Height NS 32	
13	**53.3**	**52.1**	
Width	Length	Height	
13	**53.3**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**800**	**0.1 - 10**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	-
57 / 10	45 / -	-	-
10	-	-	-
26 - 8	-	-	-
0.1 - 10			
5 / 5.3 / 10			
0.5 - 6			
5 / 5.3 / 10			
1.00 mm²			
2.50 mm²			
6.00 mm²			
M5			
2 - 2.2			
PA			
V0			

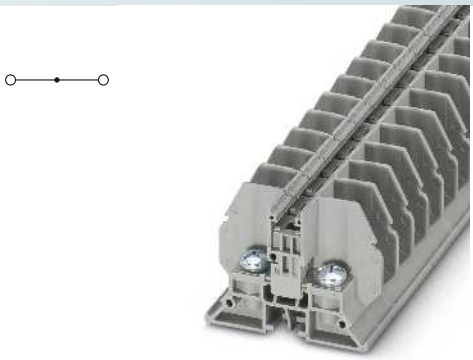
Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RSC 5		3058143	50

Accessories

D-RSC 5		3058020	50
FB 10-13	57 A¹)	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC		3058017	10
SZS 1,0X6,5 VDE		1205079	10
SZK PH2 VDE		1205163	10

ZB 13 (see Catalog 3)
ZBF 13 (see Catalog 3)



10 (10) mm², 57 A, feed-through terminal block, for direct mounting

Technical data

Width	Length	Height NS 35/7,5	
13	**53.3**	**-**	
Width	Length	Height NS 32	
13	**53.3**	**-**	
Width	Length	Height	
13	**53.3**	**37**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
57	**800**	**0.1 - 10**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	-	-
57 / 10	45 / -	-	-
10	-	-	-
26 - 8	-	-	-
0.1 - 10			
5 / 5.3 / 10			
0.5 - 6			
5 / 5.3 / 10			
1.00 mm²			
2.50 mm²			
6.00 mm²			
M5			
2 - 2.2			
PA			
V0			

Ordering data

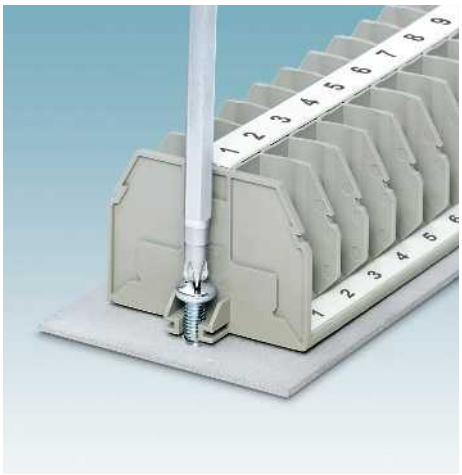
Type	I_{max}	Order No.	Pcs./Pkt.
RSC 5-F		3058156	50
RSC 5-F/4		3059210	1
RSC 5-F/6		3059223	1
RSC 5-F/8		3059236	1
RSC 5-F/12		3059249	1

Accessories

D-RSC 5-F		3059647	50
FB 10-13	57 A¹)	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC		3058017	10
SZS 1,0X6,5 VDE		1205079	10
SZK PH2 VDE		1205163	10

ZB 13 (see Catalog 3)
ZBF 13 (see Catalog 3)

RSC 6 ..., M6 screw terminal blocks and RSC 5-T..., M5 meas. transducer disconnect terminal blocks



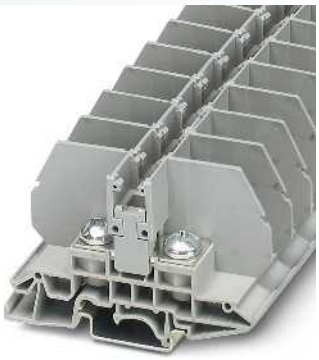
- Flange terminal blocks for direct mounting in control boxes
- Compact screw connection of ring and fork-type cable lugs
- Bridge shaft for potential distribution using standard screw bridges
- The isolator bridge bar supports switchable cross connections; the bridge screw therefore has the function of a live contact
- Cover profile that can be snapped directly onto the terminal blocks provides touch-proof protection
- Large-surface, seamless external and center labeling
- Screw nuts and current bars are latched in the insulating housing and cannot be removed
- Easy grouping of flange terminal blocks, see figure below



Notes:

[1]) 57 A for continuous bridging, 41 A for bridging between non-adjacent terminal blocks.

[2]) Rated voltage for 630 V open disconnect point.



35 (35) mm², 125 A, feed-through terminal block

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		17	**80.8**	**49.8**
Dimensions				
	[mm]	Width	Length	Height NS 32
		17	**80.8**	**54.8**
Dimensions				
	[mm]	Width	Length	Height
		17	**80.8**	**-**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		125	**800**	**2.5 - 35** / **-**
Rated data		IEC 60947-7-1		
		IEC	UL / CUL	CSA / IEC/EN 60079-7
Rated voltage	[V]	800	600	600 / -
Nominal current / cross section	[A] / [mm²]	125 / 35	115 / -	115 / - / -
Rated cross section	[mm²]	35	-	- / -
Cross section range	AWG	12 - 2	-	12-2 / -
Connection capacity, DIN 46234				
Cable lugs, DIN 46234	[mm²]	6 - 35		
Connection bolt / hole diameter / width	[mm]	6 / 6.5 / 15		
Connection capacity, DIN 46237				
Cable lugs DIN 46237	[mm²]	2.5 - 6		
Connection bolt / hole diameter / width	[mm]	6 / 6.5 / 11		
Color code	red			
	blue	2.50 mm²		
	yellow	6.00 mm²		
General data				
Disconnect slide: Thread / Torque	- / [Nm]	- / -		
Bolt thread		M6		
Tightening torque	[Nm]	3.2 - 3.7		
Insulating material		PA		
Flammability rating according to UL 94		V0		

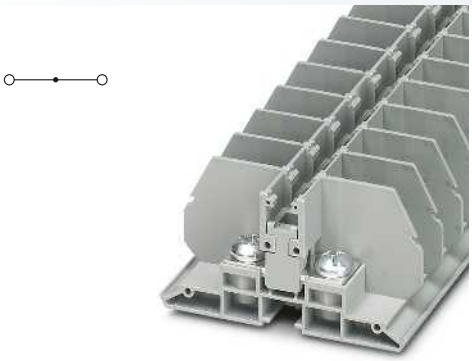
Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Bolt connection terminal, for mounting on NS 32... or NS 35...		gray	**RSC 6**		3075870	40
Bolt connection/flange terminal block, for direct mounting		gray				
Measuring transducer disconnect terminal block, for mounting on NS 35 and NS 32		gray				
Measuring transducer disconnect terminal block, with flange, for direct mounting		gray				

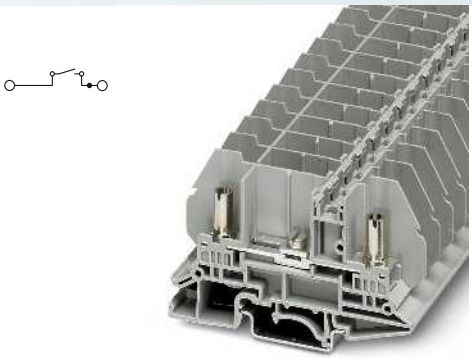
Accessories

Cover, width: 2.2 mm		gray	**D-RSC 6**		3213098	50
Fixed bridge, isolated	10	silver	**FB 10-17**	57 A	3075951	10
Isolator bridge bar, can be separated, with 10 screws	10	silver	**FB 10-17 ISO**	57 A	3213085	10
Separating disk, for separation of neighboring bridges, can be fitted later, no loss of pitch		gray	**TS-KK 3**		2770215	50
Cover profile, supply length 1 m		transparent	**AP RSC-T**		3059139	10
Screwdriver						

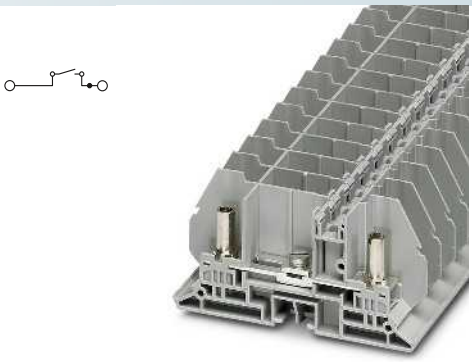
Center groove marking	**ZB 17 (see Catalog 3)**
Lateral groove marking	**ZBF 17 (see Catalog 3)**



35 (35) mm², 125 A, feed-through terminal block, for direct mounting



10 (10) mm², 50 A, measuring transducer disconnect terminal block



10 (10) mm², 50 A, measuring transducer disconnect terminal block

Technical data

Width	Length	Height NS 35/7,5	
17	**80.8**	**-**	
Width	Length	Height NS 32	
17	**80.8**	**-**	
Width	Length	Height	
17	**80.8**	**39.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
125	**800**	**2.5 - 35**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800	600	600	-
125 / 35	115 / -	115 / -	-
35	-	-	-
12 - 2	-	12-2	-
6 - 35			
6 / 6.5 / 15			
2.5 - 6			
6 / 6.5 / 11			
2.50 mm²			
6.00 mm²			
- / -			
M6			
3.2 - 3.7			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RSC 6-F		3075919	40

Accessories

D-RSC 6-F		3213108	50
FB 10-17	57 A	3075951	10
FB 10-17 ISO	57 A	3213085	10
TS-KK 3		2770215	50
AP RSC-T		3059139	10

ZB 17 (see Catalog 3)
ZBF 17 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
13	**79.9**	**49.8**	
Width	Length	Height NS 32	
13	**79.9**	**54.8**	
Width	Length	Height	
13	**79.9**	**-**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
50	**800²)**	**0.1 - 10**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800²)	600	-	-
50 / 10	45 / -	-	-
10	-	-	-
26 - 8	-	-	-
0.1 - 10			
5 / 5.3 / 10			
0.5 - 6			
5 / 5.3 / 10			
1.00 mm²			
2.50 mm²			
6.00 mm²			
M4 / 1.2 - 1.4			
M5			
2 - 2.2			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RSC 5-T		3058172	50

Accessories

D-RSC 5-T		3058046	50
FB 10-13	57 A¹)	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC-T		3059139	10
SZG 0,9X6,5 VDE		1205134	10

ZB 13 (see Catalog 3)
ZBF 13 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
13	**79.9**	**-**	
Width	Length	Height NS 32	
13	**79.9**	**-**	
Width	Length	Height	
13	**79.9**	**39.7**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
50	**800²)**	**0.1 - 10**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
800²)	600	-	-
50 / 10	45 / -	-	-
10	-	-	-
26 - 8	-	-	-
0.1 - 10			
5 / 5.3 / 10			
0.5 - 6			
5 / 5.3 / 10			
1.00 mm²			
2.50 mm²			
6.00 mm²			
M4 / 1.2 - 1.4			
M5			
2 - 2.2			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
RSC 5-T-F		3058334	50

Accessories

D-RSC 5-T-F		3059346	50
FB 10-13	57 A¹)	3059126	10
FB 10-13 ISO	24 A	3059663	10
TS-KK 3		2770215	50
AP RSC-T		3059139	10
SZG 0,9X6,5 VDE		1205134	10

ZB 13 (see Catalog 3)
ZBF 13 (see Catalog 3)

HV ... high-current connector

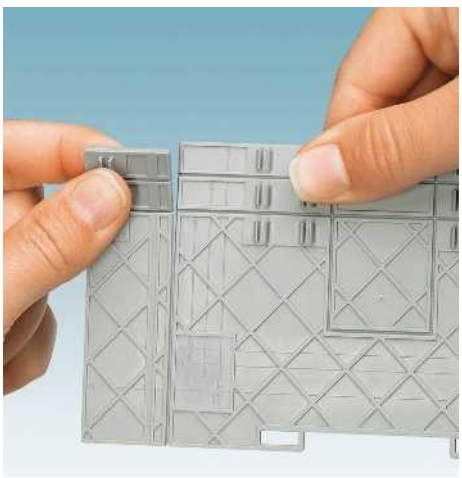


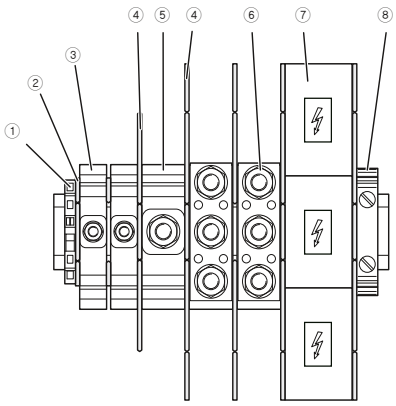


- Secure connection of up to four conductors with cable lugs according to DIN 46234, 46235, and 46237 in very tight spaces
- Spring washers are used to prevent hexagonal nuts from loosening
- Extensive range of accessories for safe and comfortable wiring of conductors up to 120 mm²

- Two and three-pos. connection rails are available for potential distribution
- The feed-through window provided in the partition plates can be easily removed for mounting the connection rails

Dimensions	
	[mm]
Maximum electrical data	
Rated data	
Rated voltage	[V]
Nominal current / cross section	[A] / [mm²]
Rated cross section	[mm²]
Cross section range	AWG
Connection capacity, bolt connection	
Cable lugs, DIN 46234	[mm²]
Cable lugs DIN 46235	[mm²]
Cable lugs DIN 46237	[mm²]
General data	
Bolt length	[mm]
Screw thread	
Tightening torque	[Nm]
Insulating material	
Flammability rating according to UL 94	

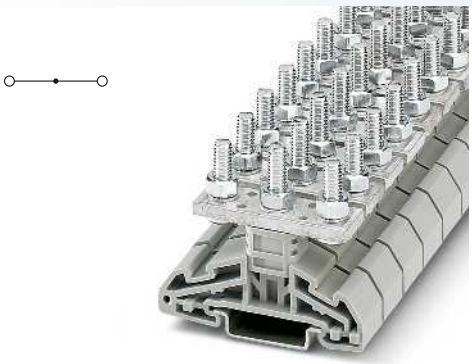




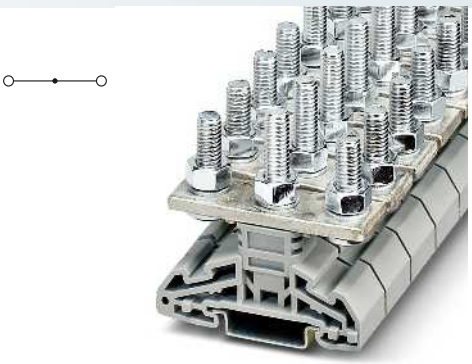
- Two different partition plates can be used for the family of single and twin bolt terminal blocks
- Labeling the partition plates allows their height and length to be adapted at the respective bolt terminal blocks

① CLIPFIX 35-5 end bracket
② HV M12/1-TP partition plate
③ HV M5/1 or
HV M6/1 high-current connectors
④ HV M12/2-TP partition plate
⑤ HV M8/1,
HV M10/1 or HV M12/1 high-current connectors
⑥ HV M6/2,
HV M8/2 or HV M10/2 high-current connectors
⑦ HV M10/1-AP cover
⑧ E/AL-NS 35 end bracket

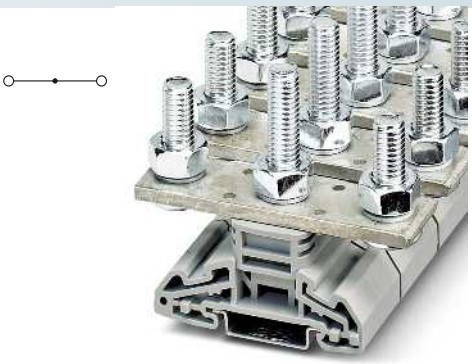
Description	No. of pos.	Color
High-current connectors, for mounting on NS 35...		gray
Connection rail, for cross connection of high-current connectors		
	2	silver
	3	silver
Reducing bridge, for connecting HV M8/1 to HV M6/1		
	2	silver
Reducing bridge, for connecting HV M10/1 to HV M6/1		
	3	silver
Separating plate		gray
Cover		gray
Adhesive warning plate, self-adhesive, black print: Lightning flash with mixed version: "Vorsicht Spannung – Attention Danger" size of label: 13 x 23.5 mm		yellow
Adhesive warning plate, self-adhesive, black print: Lightning flash with mixed version: "Vorsicht Spannung – Attention Danger" size of label: 32 x 26 mm		yellow
End bracket, for snapping onto NS 35, 5.15 mm wide, can be marked with ZB 5 and UCT-EM (30X5), parking option for bridges and test plugs		gray
End bracket, aluminum, for screwing on, for end support of 50 - 300 mm² terminal blocks, can be marked with ZB 10, for mounting on NS 35...		silver
Lateral groove marking		



35 (35) mm², 125 A, M6 bolt terminal block



50 (50) mm², 150 A, M8 bolt terminal block



120 (120) mm², 269 A, M10 bolt terminal block

Technical data

Width	Length	Height NS 35/7,5	
16	**67**	**58**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
125	**1000**	**2.5 - 35**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	1000	-
125 / 35	-	120 / -	-
35	-	-	-
-	-	-4	-
2.5 - 35			
6 - 35			
2.5 - 6			
16			
M6			
3 - 6			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
HV M6/2		3049547	25

Accessories

HV M6/1-VS 2	125 A	3049262	10
HV M6/1-VS 3	125 A	3049275	10
HV M12/2-TP		3049709	25
HV M6/1-AP		3049903	25
WS-4K		1004584	10
CLIPFIX 35-5		3022276	50

UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
21	**67**	**66**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
150	**1000**	**2.5 - 50**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	1000	-
150 / 50	-	130 / -	-
50	-	-	-
-	-	-3	-
2.5 - 50			
6 - 35			
- 10			
21			
M8			
6 - 12			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
HV M8/2		3049550	25

Accessories

HV M8/1-VS 2	150 A	3049369	10
HV M8/1-VS 3	150 A	3049372	10
HV M8/1 M6/1-STL		3071094	10
HV M12/2-TP		3049709	25
HV M8/1-AP		3049398	25
WS-4K		1004584	10
E/AL-NS 35		1201662	10

UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
32	**67**	**76**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
269	**1000**	**6 - 120**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	1000	-
269 / 120	-	225 / -	-
120	-	-	-
-	-	-00	-
6 - 120			
10 - 95			
- 6			
26			
M10			
10 - 20			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
HV M10/2		3049563	10

Accessories

HV M10/1-VS 2	269 A	3049466	10
HV M10/1-VS 3	269 A	3049479	10
HV M10/1 M6/1-STL2		3071081	10
HV M12/2-TP		3049709	25
HV M10/1-AP		3049495	10
WS-4K		1004584	10
WS-2K		1004513	10
E/AL-NS 35		1201662	10

UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)

HV ... high-current connector

– The bolt connection terminal blocks for cable lugs according to DIN 46234, DIN 46235 and DIN 46237 are available as part of the high-current connector UHV ... range
– For connecting a maximum of four conductors
– Versions with connection bolts of between M5 and M12
– Extensive, supplementary accessories



16 (16) mm², 76 A, M5 bolt terminal block



35 (35) mm², 125 A, M6 bolt terminal block

Technical data

Dimensions		Width	Length	Height NS 35/7,5	
	[mm]	**13**	**67**	**58**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		76	**1000**	**0.1 - 16**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	-	1000	-
Nominal current / cross section	[A] / [mm²]	76 / 16	-	60 / -	-
Rated cross section	[mm²]	16	-	-	-
Cross section range	AWG	-	-	-8	-
Connection capacity, bolt connection					
Cable lugs, DIN 46234	[mm²]	0.1 - 16			
Cable lugs DIN 46235	[mm²]	6 - 10			
Cable lugs DIN 46237	[mm²]	1 - 6			
General data					
Bolt length	[mm]	22.5			
Screw thread		M5			
Tightening torque	[Nm]	2 - 4			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
High-current connectors, for mounting on NS 35...		gray	**HV M5/1**		3049107	25

Accessories

Connection rail, for cross connection of high-current connectors						
	2	silver	**HV M5/1-VS 2**	76 A	3049437	10
	3	silver	**HV M5/1-VS 3**	76 A	3049440	10
Reducing bridge, for connecting HV M8/1 to HV M6/1						
	2	silver				
Reducing bridge, for connecting HV M10/1 to HV M6/1						
	3	silver				
Separating plate		gray	**HV M12/1-TP**		3049602	25
Cover		gray	**HV M5/1-AP**		3049806	25
Adhesive warning plate, self-adhesive, black print: Lightning flash with mixed version: "Vorsicht Spannung – Attention Danger" size of label: 13 x 23.5 mm		yellow	**WS-4K**		1004584	10
Adhesive warning plate, self-adhesive, black print: Lightning flash with mixed version: "Vorsicht Spannung – Attention Danger" size of label: 32 x 26 mm		yellow				
End bracket, for snapping onto NS 35, 5.15 mm wide, can be marked with ZB 5 and UCT-EM (30X5), parking option for bridges and test plugs		gray	**CLIPFIX 35-5**		3022276	50
End bracket, aluminum, for screwing on, for end support of 50 - 300 mm² terminal blocks, can be marked with ZB 10, for mounting on NS 35...		silver				
Lateral groove marking			**UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)**			

Technical data

Width	Length	Height NS 35/7,5			
16	**67**	**58**			
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)		
125	**1000**	**2.5 - 35**	**-**		
IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7		
1000	-	1000	-		
125 / 35	-	115 / -	-		
35	-	-	-		
-	-	-4	-		
2.5 - 35					
6 - 35					
2.5 - 6					
22.5					
M6					
3 - 6					
PA					
V0					

Ordering data

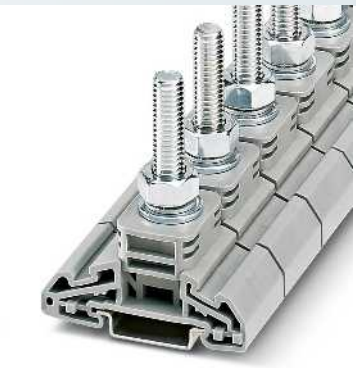
Type	I_{max}	Order No.	Pcs./Pkt.
HV M6/1		3049204	25

Accessories

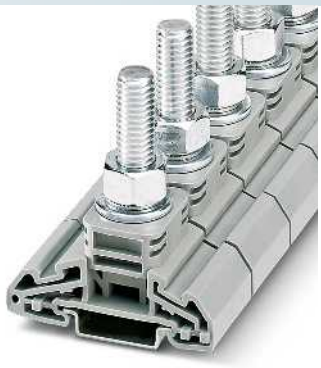
HV M6/1-VS 2	125 A	3049262	10	
HV M6/1-VS 3	125 A	3049275	10	
HV M12/1-TP		3049602	25	
HV M6/1-AP		3049903	25	
WS-4K		1004584	10	
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)				



50 (50) mm², 150 A, M8 bolt terminal block



120 (120) mm², 269 A, M10 bolt terminal block



120 (120) mm², 269 A, M12 bolt terminal block

Technical data

Width	Length	Height NS 35/7,5	
21	**67**	**66**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
150	**1000**	**2.5 - 50**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	1000	-
150 / 50	-	125 / -	-
50	-	-	-
-	-	-3	-
2.5 - 50			
6 - 35			
6 - 10			
30.5			
M8			
6 - 12			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
HV M8/1		3049301	25

Accessories

HV M8/1-VS 2	150 A	3049369	10
HV M8/1-VS 3	150 A	3049372	10
HV M8/1 M6/1-STL		3071094	10
HV M12/2-TP		3049709	25
HV M8/1-AP		3049398	25
WS-4K		1004584	10
CLIPFIX 35-5		3022276	50

UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
32	**67**	**76**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
269	**1000**	**6 - 120**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	1000	-
269 / 120	-	220 / -	-
120	-	-	-
-	-	-00	-
6 - 120			
10 - 95			
- 6			
40.5			
M10			
10 - 20			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
HV M10/1		3049408	10

Accessories

HV M10/1-VS 2	269 A	3049466	10
HV M10/1-VS 3	269 A	3049479	10
HV M10/1 M6/1-STL2		3071081	10
HV M12/2-TP		3049709	25
HV M10/1-AP		3049495	10
WS-4K		1004584	10
WS-2K		1004513	10
E/AL-NS 35		1201662	10

UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)

Technical data

Width	Length	Height NS 35/7,5	
32	**67**	**76**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
269	**1000**	**6 - 120**	**-**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	-	1000	-
269 / 120	-	220 / -	-
120	-	-	-
-	-	-00	-
6 - 120			
10 - 95			
-			
40.5			
M12			
14 - 31			
PA			
V0			

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
HV M12/1		3049505	10

Accessories

HV M12/1-VS 2	269 A	3049631	10
HV M12/1-VS 3	269 A	3049644	10
HV M12/2-TP		3049709	25
HV M10/1-AP		3049495	10
WS-4K		1004584	10
WS-2K		1004513	10
E/AL-NS 35		1201662	10

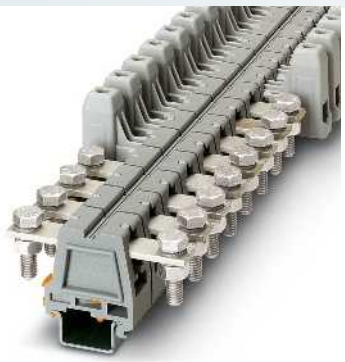
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)

UHV ... high-current connector

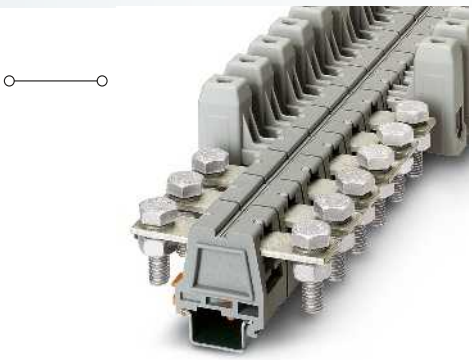
- The UHV ... high-current connectors are available in several versions
- Versions are available with a cable lug or direct connection and there is a mixed version of both connection types
- The comprehensive range of accessories ensures safe and user-friendly wiring of conductors up to 240 mm²

Notes:
In the case of UHV 240..., the BG/F flat bracket must be mounted.





25 (25) mm², 101 A, feed-through terminal block



50 (50) mm², 150 A, feed-through terminal block

Technical data

Dimensions		Width	Length	Height NS 35/15	
	[mm]	**26**	**95**	**72**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		101	**1000**	**10 - 25**	**6-4**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	600	600	-
Nominal current / cross section	[A] / [mm²]	101 / 25	85 / -	100 / -	-
Rated cross section	[mm²]	25	-	-	-
Cross section range	AWG	-	6-4	6-4	-
Terminal sleeve connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	-	10 - 25	4 - 25	4 - 25
2 conductors (of the same type)	[mm²]	2.5 - 10	4 - 10	2.5 - 10	-
Connection capacity, bolt connection					
Bolt diameter	[mm]	8 mm			
Hole diameter / power rail	[mm]	8.4 / 15 mm x 3 mm			
Cable lugs, DIN 46234	[mm²]	2.5 - 25			
Cable lugs DIN 46235	[mm²]	16 - 25			
General data					
Stripping length	[mm]	21			
Terminal sleeve: Thread / Torque	- / [Nm]	M5 / 4 - 4.5			
Screw set AS: Screw thread / torque	- / [Nm]	M8 / 15 - 20			
Insulating material		PA-F			
Flammability rating according to UL 94		V2			

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
High current connector, with terminal sleeve **KH** on one side, and screw set **AS** on the other side		gray	**UHV 25-KH/AS**	2130101	10
High current connector, screw set **AS** on both sides, for rail or cable lug connection		gray	**UHV 25-AS/AS**	2130004	10
High current connector, with terminal sleeves **KH** on both sides, for direct cable connection		gray	**UHV 25-KH/KH**	2130156	10

Accessories

Covering hood, as retrofit snap-on shock protection for cable lug connection		gray	**UHV 25-AH**	2130431	10
Connection rail, for cross connection					
	2	silver	**UHV 25-VS 2**	2130541	10
	3	silver	**UHV 25-VS 3**	2130554	10
Separating plate		gray gray	**UHV -TP1**	2130402	10
Insertion profile, levels out the prism-shaped sleeve when using flat-ribbon conductors		silver			
End piece, to be fitted at both sides of the terminal strip, 7.2 mm wide		gray	**UHV -E**	2130428	10
Screwdriver			**SZS 1,0X6,5 VDE**	1205079	10
Allen wrench, fully insulated, safety tool in accordance with EN 60900, length: 150 mm, handle width: 110 mm					
Center groove marking			**UC-TM 10 (see Catalog 3)**		

Technical data

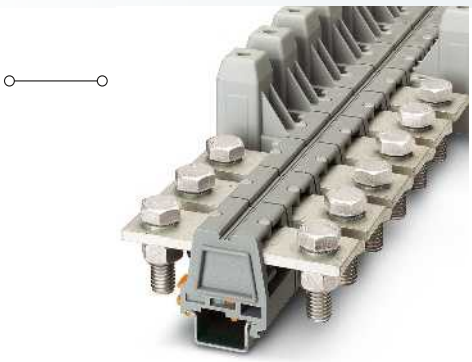
		Width	Length	Height NS 35/15	
		32	**104**	**78**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		150	**1000**	**25 - 50**	**6-1/0**
		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
		1000	600	600	-
		150 / 50	150 / -	125 / -	-
		50	-	-	-
		-	6-1/0	6-1/0	-
		solid	stranded	ferrule without/with plastic sleeve	
		-	25 - 50	25 - 50	25 - 50
		10 - 16	10 - 16	10 - 16	-
		10 mm			
		10.5 / 20 mm x 3 mm			
		6 - 50			
		16 - 50			
		26			
		M6 / 6 - 8			
		M10 / 25 - 30			
		PA-F			
		V2			

Ordering data

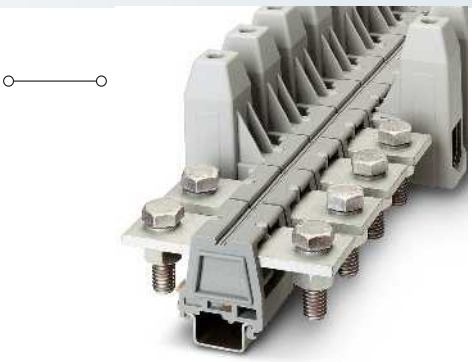
Type	Order No.	Pcs./Pkt.
UHV 50-KH/AS	2130114	10
UHV 50-AS/AS	2130017	10
UHV 50-KH/KH	2130169	10

Accessories

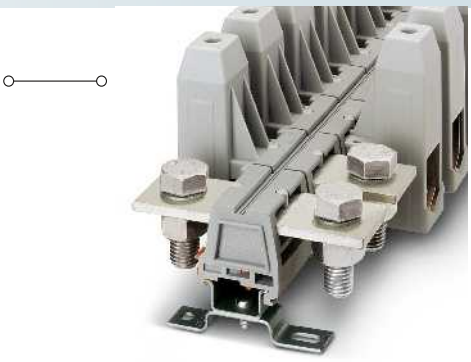
Type	Order No.	Pcs./Pkt.
UHV 50-AH	2130444	10
UHV 50-VS 2	5030897	10
UHV 50-VS 3	2130622	10
UHV -TP1	2130402	10
UKH 50 EP	3009228	10
UHV -E	2130428	10
SZS 1,2X8,0 VDE	1205082	10
UC-TM 10 (see Catalog 3)		



95 (95) mm², 232 A, feed-through terminal block



150 (150) mm², 309 A, feed-through terminal block



240 (240) mm², 415 A, feed-through terminal block

Technical data

Width	Length	Height NS 35/15	
40	**114**	**86**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
232	**1000**	**35 - 95**	**2-4/0**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	-
232 / 95	230 / -	200 / -	-
95	-	-	-
-	2-4/0	2-4/0	-
solid	stranded	ferrule without/with plastic sleeve	
-	35 - 95	35 - 95	35 - 95
25 - 35	25 - 35	16 - 35	-
12 mm			
13 / 30 mm x 5 mm			
10 - 95			
25 - 95			
29			
M8 / 15 - 20			
M12 / 25 - 30			
PA-F			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UHV 95-KH/AS	2130127	10
UHV 95-AS/AS	2130020	10
UHV 95-KH/KH	2130172	10

Accessories

UHV 95-AH	2130457	10
UHV 95-VS 2	2130635	10
UHV 95-VS 3	2130648	10
UHV -TP2	2130415	10
UKH 95 EP	3009231	10
UHV -E	2130428	10
VDE-ISS 8	1201947	1

UC-TM 10 (see Catalog 3)

Technical data

Width	Length	Height NS 35/15	
46	**119**	**100**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
309	**1000**	**50 - 150**	**2-300**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	-
309 / 150	285 / -	275 / -	-
150	-	-	-
-	2-300	2-300	-
solid	stranded	ferrule without/with plastic sleeve	
-	50 - 150	50 - 150	50 - 150
25 - 50	35 - 50	25 - 50	-
12 mm			
13 / 35 mm x 5 mm			
10 - 150			
25 - 150			
34			
M10 / 25 - 30			
M12 / 25 - 30			
PA-F			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UHV150-KH/AS	2130130	10
UHV150-AS/AS	2130033	10
UHV150-KH/KH	2130185	10

Accessories

UHV150-AH	2130460	10
UHV150-VS 2	2130651	10
UHV150-VS 3	2130664	10
UHV -TP2	2130415	10
UKH 150/240 EP	3009244	10
UHV -E	2130428	10
VDE-ISS 8	1201947	1

UC-TM 10 (see Catalog 3)

Technical data

Width	Length	Height NS 35/15	
53	**126.5**	**105.5**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
415	**1000**	**70 - 240**	**2/0-500**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
1000	600	600	-
415 / 240	380 / -	400 / -	-
240	-	-	-
-	2/0-500	1/0-500	-
solid	stranded	ferrule without/with plastic sleeve	
-	70 - 240	70 - 180	70 - 185
35 - 95	50 - 95	35 - 50	-
16 mm			
17 / 40 mm x 5 mm			
25 - 240			
50 - 185			
34			
M10 / 25 - 30			
M16 / 30 - 35			
PA-F			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
UHV240-KH/AS	2130143	5
UHV240-AS/AS	2130046	5
UHV240-KH/KH	2130198	5

Accessories

UHV240-AH	2130473	10
UHV240-VS 2	2130677	10
UHV240-VS 3	2130680	10
UHV -TP2	2130415	10
UKH 150/240 EP	3009244	10
UHV -E	2130428	10
VDE-ISS 8	1201947	1

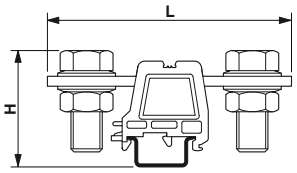
UC-TM 10 (see Catalog 3)

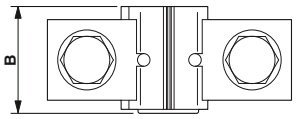
RBO and RSC bolt connection terminal blocks

Bolt connection terminal blocks are available as single-bolt or double-bolt versions or with a screw/bolt mixed connection. The latter have high-current connectors with a terminal sleeve connection on one side and a screw set for the connection of cable lugs on the other side. The dimensions of the various types are shown in the following drawings and tables.

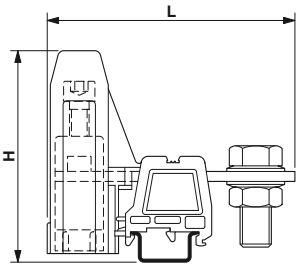
Secure cable lug connection

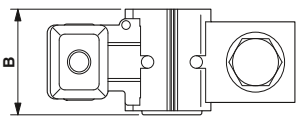
Cable lugs are securely connected in UHV ..., HV ..., and RT ... high-current terminal blocks using a screw set. In this case screw locking is achieved with a spring washer. You can connect cable lugs according to DIN 46234, DIN 46235, and DIN 46237. A 2-conductor connection is also possible. In this case connect one conductor under the current bar using a cable lug and the other on top of the current bar. See diagram below right.



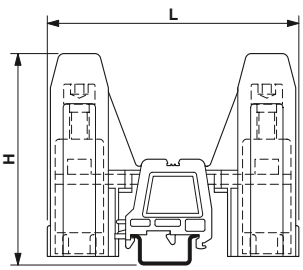


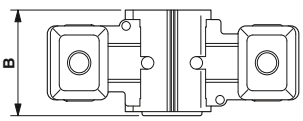
UHV ...AS/AS



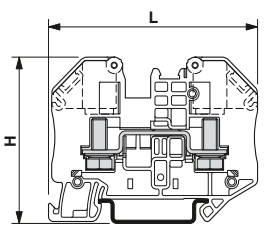


UHV ...KH/AS





UHV ...KH/KH



RT ... and RTO ...

UHV ... high-current connectors with bolt connection
Dimensions in [mm] / [inch]

Type	H	L	W
UHV 25-AS/AS	53 / 2.087	88 / 3.456	26 / 1.024
UHV 25-KH/AS	72 / 2.835	95 / 3.74	26 / 1.024
UHV 25-KH/KH	72 / 2.835	102.5 / 4.035	26 / 1.024
UHV 50-AS/AS	54.5 / 2.146	95 / 3.74	32 / 1.26
UHV 50-KH/AS	78 / 3.071	104 / 4.094	32 / 1.26
UHV 50-KH/KH	78 / 3.071	113.5 / 4.469	32 / 1.26
UHV 95-AS/AS	56 / 2.205	110 / 4.331	40 / 1.575
UHV 95-KH/AS	86 / 3.386	114 / 4.488	40 / 1.575
UHV 95-KH/KH	86 / 3.386	118.5 / 4.665	40 / 1.575
UHV 150-AS/AS	56 / 2.205	110 / 4.331	46 / 1.811
UHV 150-KH/AS	100 / 3.937	119 / 4.685	46 / 1.811
UHV 150-KH/KH	100 / 3.937	128.5 / 5.059	46 / 1.811
UHV 240-AS/AS	58 / 2.283	125 / 4.921	53 / 2.087
UHV 240-KH/AS	105.5 / 4.154	126.5 / 4.980	53 / 2.087
UHV 240-KH/KH	105.5 / 4.154	128.5 / 5.059	53 / 2.087

RT ... bolt connection terminal blocks
CLIPLINE complete system
Dimensions in [mm] / [inch]

Type	H	L	W
RT 3	51 / 2.007	66 / 2.598	12.3 / 0.484
RT 4-T-TC	51 / 2.007	82.4 / 3.244	12.3 / 0.484
RT 5	51 / 2.007	66 / 2.598	16.3 / 0.641
RT 5-T	51 / 2.007	91.4 / 3.598	16.3 / 0.641
RT 8	63.8 / 2.511	84 / 3.307	20.3 / 0.799

RTO ... bolt connection terminal blocks
CLIPLINE complete system
Dimensions in [mm] / [inch]

Type	H	L	W
RTO 3	49.9 / 1.965	66 / 2.598	12.3 / 0.484
RTO 4-T-TC	51 / 2.007	82.4 / 3.244	12.3 / 0.484
RTO 5	49.9 / 1.965	66 / 2.598	16.3 / 0.641
RTO 5-T	49.9 / 1.965	91.4 / 3.598	16.3 / 0.641
RTO 8	62.2 / 2.449	84 / 3.307	20.3 / 0.799

Secure flat conductor connection

Flat conductors can be reliably and securely connected in UKH ... and UHV ... high-current terminal blocks using the insertion profile (UKH ...EP). The insertion profile levels out the prism-shaped terminal sleeve base. This ensures that the flat conductor is contacted on a large area.

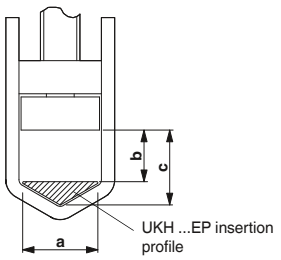
Suitability of flat conductors for clamping

Conductor structure [mm]	Conductor current [A]	Type	
		UHV 50-KH/AS UHV 50-KH/KH	UHV 95-KH/AS UHV 95-KH/KH
3 x 9 x 0.8	100	X	X
6 x 9 x 0.8	160	X[1)]	X
4 x 16 x 0.8	200	–	X
6 x 16 x 0.8	250	–	X[1)]
10 x 16 x 0.8	400	–	X[1)]
11 x 21 x 0.8	630	–	–

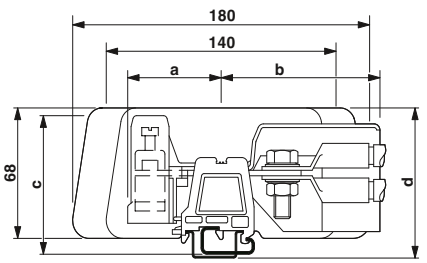
Conductor structure [mm]	Conductor current [A]	Type	
		UHV 150-KH/AS UHV 150-KH/KH	UHV 240-KH/AS UHV 240-KH/KH
3 x 9 x 0.8	100	–	–
6 x 9 x 0.8	160	X	–
4 x 16 x 0.8	200	X	X
6 x 16 x 0.8	250	X	X
10 x 16 x 0.8	400	X[1)]	X
11 x 21 x 0.8	630	–	X[1)]

[1)] Observe nominal current of terminal blocks.

Internal dimensions of terminal sleeves



Type	Internal dimensions in [mm] / [inch]		
	a	b	c
UKH 25 / UHV 25-KH/...	9 / 0.354	– / –	8.5 / 0.335
UKH 50 / UHV 50-KH/...	11 / 0.433	7.5 / 0.295	12 / 0.472
UKH 95 / UHV 95-KH/...	15 / 0.591	11 / 0.433	15 / 0.591
UKH 150 / UHV 150-KH/...	19.5 / 0.768	11 / 0.433	18 / 0.709
UKH 240 / UHV 240-KH/...	24 / 0.945	19 / 0.748	26 / 1.024



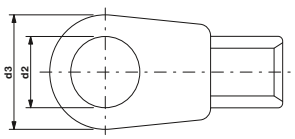
Dimensions for covering hoods and partition plates [mm] / [inch]

Type	a	b	c	d
UHV 25	51 / 2.008	82 / 3.228	70 / 2.756	63 / 2.48
UHV 50	57 / 2.244	97 / 3.819	76 / 2.992	68 / 2.677
UHV 95	59 / 2.323	112 / 4.409	84 / 3.307	75 / 2.953
UHV 150	64 / 2.52	125 / 4.921	98 / 3.858	81 / 3.189
UHV 240	64 / 2.52	143 / 5.63	103 / 4.055	87 / 3.425

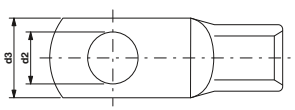
Cable lugs

	Conductor cross section [mm²] / [AWG]		DIN 46234 Hole ∅ d_2 [mm] / [inch]		DIN 46234 Width d_3 [mm] / [inch]		DIN 46235 Hole ∅ d_2 [mm] / [inch]		DIN 46235 Width d_3 [mm] / [inch]		DIN 46237 Hole ∅ d_2 [mm] / [inch]		DIN 46237 Width d_3 [mm] / [inch]	
	0.5	20	3.2	0.126	5	0.197	– / –		– / –		– / –		– / –	
M3	1	17	3.2	0.126	6	0.236	– / –		– / –		3.2	0.126	6	0.236
	2.5	14	3.2	0.126	6	0.236	– / –		– / –		3.2	0.126	6	0.236
	0.5	20	5.3	0.208	8	0.315	– / –		– / –		– / –		– / –	
	1	17	5.3	0.208	10	0.394	– / –		– / –		5.3	0.208	10	0.394
	2.5	14	5.3	0.208	10	0.394	– / –		– / –		5.3	0.208	10	0.394
M5	6	10	5.3	0.208	10	0.394	5.3	0.208	8.5	0.335	5.3	0.208	10	0.394
	10	8	5.3	0.208	11	0.433	5.3	0.208	9	0.354	– / –		– / –	
	16	6	5.3	0.208	11	0.433	– / –		– / –		– / –		– / –	
	25	3	5.3	0.208	12	0.472	– / –		– / –		– / –		– / –	
	1.5	16	6.4	0.252	10	0.394	– / –		– / –		– / –		– / –	
	2.5	14	6.4	0.252	11	0.433	– / –		– / –		6.5	0.256	11	0.433
	6	10	6.4	0.252	11	0.433	6.4	0.252	8.5	0.335	6.5	0.256	11	0.433
	10	8	6.4	0.252	11	0.433	6.4	0.252	9	0.354	– / –		– / –	
M6	16	6	6.4	0.252	11	0.433	6.4	0.252	12	0.472	– / –		– / –	
	25	3	6.4	0.252	12	0.472	6.4	0.252	14	0.551	– / –		– / –	
	35	2	6.4	0.252	16	0.63	– / –		– / –		– / –		– / –	
	50	0	6.4	0.252	18	0.709	– / –		– / –		– / –		– / –	
	2.5	14	8.4	0.331	14	0.551	– / –		– / –		8.4	0.331	14	0.551
	6	10	8.4	0.331	14	0.551	– / –		– / –		8.4	0.331	14	0.551
	10	8	8.4	0.331	14	0.551	– / –		– / –		– / –		– / –	
	16	6	8.4	0.331	14	0.551	8.4	0.331	13	0.512	– / –		– / –	
	25	3	8.4	0.331	16	0.63	8.4	0.331	16	0.63	– / –		– / –	
M8	35	2	8.4	0.331	16	0.63	8.4	0.331	17	0.669	– / –		– / –	
	50	0	8.4	0.331	18	0.709	8.4	0.331	20	0.787	– / –		– / –	
	70	00	8.4	0.331	22	0.866	8.4	0.331	24	0.945	– / –		– / –	
	95	000	8.4	0.331	24	0.945	– / –		– / –		– / –		– / –	
	120	250 kcmil	8.4	0.331	24	0.945	– / –		– / –		– / –		– / –	
	6	10	10.5	0.413	18	0.709	– / –		– / –		10.5	0.413	18	0.709
	10	8	10.5	0.413	18	0.709	– / –		– / –					
	16	6	10.5	0.413	18	0.709	10.5	0.413	17	0.669				
	25	3	10.5	0.413	18	0.709	10.5	0.413	17	0.669				
	35	2	10.5	0.413	18	0.709	10.5	0.413	19	0.748				
	50	20	10.5	0.413	18	0.709	10.5	0.413	22	0.866				
M10	70	00	10.5	0.413	22	0.866	10.5	0.413	24	0.945				
	95	000	10.5	0.413	24	0.945	10.5	0.413	28	1.102				
	120	250 kcmil	10.5	0.413	24	0.945	10.5	0.413	32	1.26				
	150	300 kcmil	10.5	0.413	30	1.181	10.5	0.413	34	1.339				
	185	350 kcmil	10.5	0.413	36	1.417	10.5	0.413	37	1.457				
	240	500 kcmil	10.5	0.413	38	1.496	– / –		– / –					
	10	8	13	0.512	22	0.866	– / –		– / –					
	16	6	13	0.512	22	0.866	– / –		– / –					
	25	3	13	0.512	22	0.866	13	0.512	19	0.748				
	35	2	13	0.512	22	0.866	13	0.512	21	0.827				
	50	0	13	0.512	22	0.866	13	0.512	24	0.945				
M12	70	00	13	0.512	22	0.866	13	0.512	24	0.945				
	95	000	13	0.512	24	0.945	13	0.512	28	1.102				
	120	250 kcmil	13	0.512	24	0.945	13	0.512	32	1.26				
	150	300 kcmil	13	0.512	30	1.181	13	0.512	34	1.339				
	185	350 kcmil	13	0.512	36	1.417	13	0.512	37	1.457				
	240	500 kcmil	13	0.512	38	1.496	13	0.512	42	1.654				
	25	3	17	0.669	28	1.102	– / –		– / –					
	35	2	17	0.669	28	1.102	– / –		– / –					
	50	0	17	0.669	28	1.102	17	0.669	28	1.102				
	70	00	17	0.669	28	1.102	17	0.669	30	1.181				
M16	95	000	17	0.669	28	1.102	17	0.669	32	1.26				
	120	250 kcmil	17	0.669	28	1.102	17	0.669	32	1.26				
	150	300 kcmil	17	0.669	30	1.181	17	0.669	34	1.339				
	185	350 kcmil	17	0.669	36	1.417	17	0.669	37	1.457				
	240	500 kcmil	17	0.669	38	1.496	17	0.669	42	1.654				

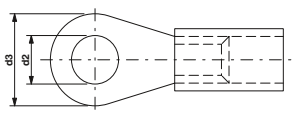
Cable lug
DIN 46234: 1980-03



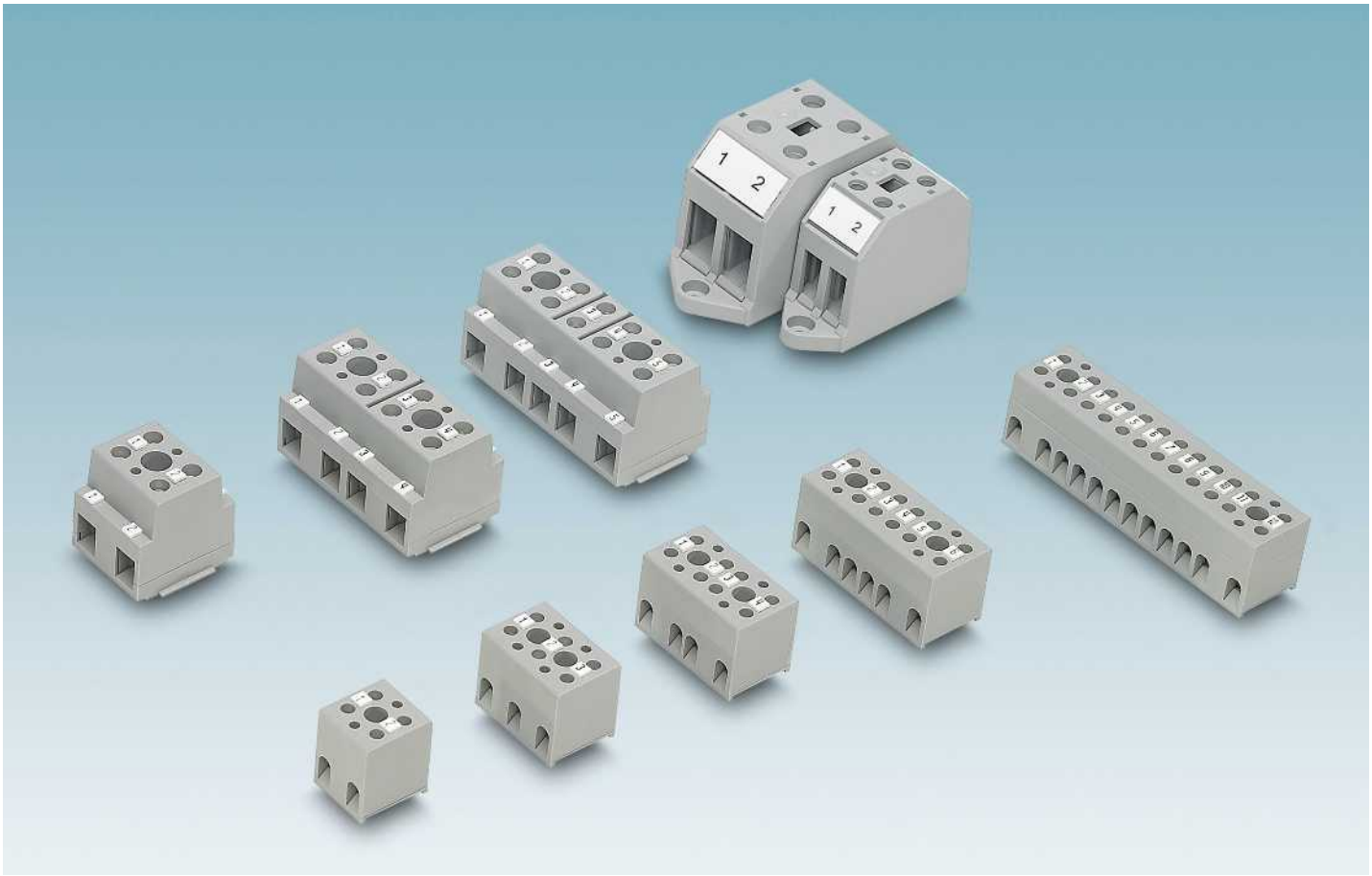
Cable lug
DIN 46235: 1980-07



Cable lug
DIN 46237



Device terminal blocks



Your web code: #1404



For direct rail-free use

Compact device terminal blocks fitted free of rails are mainly used in network connections for electric and electronic equipment and in small terminal boxes.



Safe conductor connection

The device terminal blocks are designed for very stringent requirements. The screw connection familiar from ststandard terminal blocks offers:

– Maintenance-free conductor connection
– Simple multiple conductor connection
– Conductor connection with or without ferrule



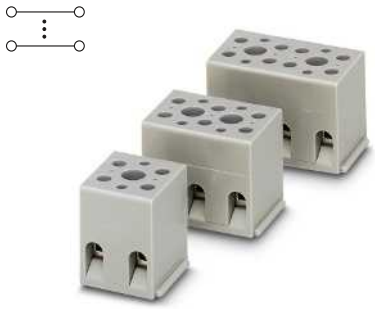
Extensive program

The device terminal block range is available up to a nominal cross section of 35 mm² and 125 A with various numbers of positions. The terminal blocks are clearly and easily identified with the marking material.

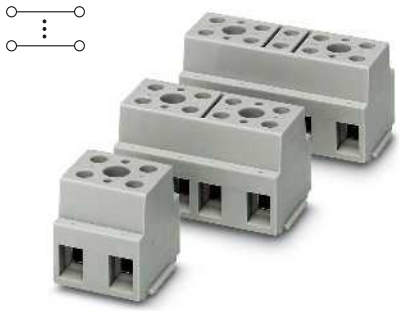
G 5/G 10 and GE 10... device terminal blocks for direct mounting

- Touch-proof
- The housing ribs engage with one another below on both sides for simple attachment
- Mounting with two screws per block (apart from the 2-pos. version)

Notes:
For drawings and dimensions, visit phoenixcontact.net/products



4 (4) mm², 32 A, terminal block base, multi-position



10 (16) mm², 76 A, terminal block base, multi-position

Technical data

Dimensions		Width	Length	Height	
	[mm]	**20**	**22**	**24**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		32	**500**	**0.2 - 4**	**26-10**
Rated data		IEC 60947-7-1/IEC 60998			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	300	300	-
Nominal current / cross section	[A] / [mm²]	32 / 4	30 / -	30 / -	-
Rated cross section	[mm²]	4	-	-	-
Cross section range	AWG	24 - 12	26-10	26-10	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.2 - 4	0.2 - 4	0.25 - 4	0.25 - 2.5
2 conductors (of the same type)	[mm²]	0.2 - 1.5	0.2 - 1.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1
General data					
Stripping length	[mm]	8			
Screw thread		M3			
Tightening torque	[Nm]	0.6 - 0.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Technical data

		Width	Length	Height	
	[mm]	**29**	**33**	**31**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		76	**800**	**0.5 - 16**	**24-6**
		IEC 60947-7-1/IEC 60998			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
	[V]	800	600	600	-
	[A] / [mm²]	57 / 10	65 / -	65 / -	-
	[mm²]	10	-	-	-
	AWG	20 - 6	24-6	24-6	-
		solid	stranded	ferrule without/with plastic sleeve	
	[mm²]	0.5 - 16	0.5 - 10	0.5 - 16	0.5 - 16
	[mm²]	0.5 - 6	0.5 - 6	0.5 - 6	-
	[mm²]	-	-	-	0.5 - 6
	[mm]	12			
		M4			
	[Nm]	1.5 - 1.8			
		PA			
		V2			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Device terminal block, for direct mounting, 2-pos.	gray	**G 5/ 2**	2716020	50
3-pos.	gray	**G 5/ 3**	2716033	50
4-pos.	gray	**G 5/ 4**	2716046	50
5-pos.	gray			
6-pos.	gray	**G 5/ 6**	2716062	50
12-pos.	gray	**G 5/12**	2716127	50
Device terminal block, for direct mounting, bridged, 2-pos.	orange	**G 5/ 2 B**	2716305	50

Ordering data

Type	Order No.	Pcs./Pkt.
G 10/ 2	2716703	10
G 10/ 3	2716716	10
G 10/ 4	2716729	10
G 10/ 5	2716732	10

Accessories

Warning label				
	yellow	**WS-G5/3**	2720032	10
	yellow	**WS-G5/4**	2716499	10
Marker pin , unprinted, made of plastic, for individual labeling with B-STIFT or X-PEN	white	**BN WH**	1401404	100
Screwdriver		**SF-SL 0,6X3,5-100 S-VDE**	1212587	10

Accessories

BN WH	1401404	100	
SZS 1,0X4,0 VDE	1205066	10	

GE 35... device terminal blocks for direct mounting

– Finger protection
– Mounting with two screws per block
– Large marking option on terminal points

Notes:
For drawings and dimensions, visit phoenixcontact.net/products





10 (16) mm², 76 A, terminal block base, two-pos.



10 (16) mm², 76 A, terminal block base, two-pos., internally connected

EAC

Technical data

Dimensions		Width	Length	Height	
	[mm]	**24.8**	**71.3**	**40**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		76	**1000**	**0.5 - 16**	**-**
Rated data		IEC 60947-7-1/IEC 60998 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	-	-	-
Nominal current / cross section	[A] / [mm²]	57 / 10	-	-	-
Rated cross section	[mm²]	10	-	-	-
Cross section range	AWG	20 - 6	-	-	-
Connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 6
General data					
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Device terminal block, for direct mounting, 2-pos.	gray	**GE 10/2**	3071049	25
2-pos.	blue	**GE 10/2 BU**	3071052	25
Device terminal block, for direct mounting, bridged, 2-pos.	gray			
2-pos., bridged	blue			
Device terminal block, for direct mounting, 1-pos.	gray			
	blue			
Device terminal block, for direct mounting, 2-pos.	gray			
	blue			
Device terminal block, for direct mounting, bridged, 2-pos.	gray			
	blue			

Accessories

Screwdriver	**SZS 1,0X4,0 VDE**	1205066	10
Lateral groove marking	**UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)**		

EAC

Technical data

		Width	Length	Height	
	[mm]	**24.8**	**71.3**	**40**	
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		76	**1000**	**0.5 - 16**	**-**
		IEC 60947-7-1/IEC 60998 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	1000	-	-	-
Nominal current / cross section	[A] / [mm²]	57 / 10	-	-	-
Rated cross section	[mm²]	10	-	-	-
Cross section range	AWG	20 - 6	-	-	-
		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 16	0.5 - 10	0.5 - 10	0.5 - 6
2 conductors (of the same type)	[mm²]	0.5 - 4	0.5 - 4	0.5 - 2.5	-
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 6
Stripping length	[mm]	10			
Screw thread		M4			
Tightening torque	[Nm]	1.5 - 1.8			
Insulating material		PA			
Flammability rating according to UL 94		V2			

Ordering data

Type	Order No.	Pcs./Pkt.
GE 10/2-B	2701572	25
GE 10/2-B BU	2701573	25

Accessories

SZS 1,0X4,0 VDE	1205066	10
UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)		



35 (35) mm², 125 A, terminal block base, single-pos.





35 (35) mm², 125 A, terminal block base, two-pos.



35 (35) mm², 125 A, terminal block base, two-pos., internally connected

Technical data

Width	Length	Height	
19.8	**83.7**	**44.9**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
125	**630**	**0.75 - 35**	**-**
IEC 60947-7-1/IEC 60998			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
630	-	-	-
125 / 35	-	-	-
35	-	-	-
18 - 2	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
0.75 - 10	0.75 - 10	0.75 - 10	-
-	-	-	0.75 - 6
16			
M6			
3.5 - 4			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
GE 35/1	3071082	25
GE 35/1 BU	3071095	25

Accessories

SZS 1,0X4,0 VDE	1205066	10
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)		

Technical data

Width	Length	Height	
34.8	**83.7**	**44.9**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
125	**630**	**0.75 - 35**	**-**
IEC 60947-7-1/IEC 60998			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
630	-	-	-
125 / 35	-	-	-
35	-	-	-
18 - 2	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
0.75 - 10	0.75 - 10	0.75 - 10	-
-	-	-	0.75 - 6
16			
M6			
3.5 - 4			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
GE 35/2	3071065	25
GE 35/2 BU	3071078	25

Accessories

SZS 1,0X4,0 VDE	1205066	10
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)		

Technical data

Width	Length	Height	
34.8	**83.7**	**44.9**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
125	**630**	**0.75 - 35**	**-**
IEC 60947-7-1/IEC 60998			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
630	-	-	-
125 / 35	-	-	-
35	-	-	-
18 - 2	-	-	-
solid	stranded	ferrule without/with plastic sleeve	
0.75 - 35	0.75 - 35	0.75 - 35	0.75 - 35
0.75 - 10	0.75 - 10	0.75 - 10	-
-	-	-	0.75 - 6
16			
M6			
3.5 - 4			
PA			
V2			

Ordering data

Type	Order No.	Pcs./Pkt.
GE 35/2-B	2701569	25
GE 35/2-B BU	2701570	25

Accessories

SZS 1,0X4,0 VDE	1205066	10
UC-TM 12, UCT-TM 12 or ZB 12 (see Catalog 3)		

UDB ... trunk line branch terminals





25 (25) mm², 101 A, trunk line branch terminal, 2 x 16 mm² feeders

- The branch terminals from the UDB ... series are suitable for the simple voltage pick-off of main supply cables up to 35 mm²
- The UDB ... blocks are used in counter and marshalling cabinets
- They meet the requirements of DIN VDE 0603−2/EN 60998−1
- The touch-proof blocks can be snapped together in a modular fashion depending on the application and attached to NS 35 DIN rails according to EN 60715
- Available in two terminal block versions up to 25 mm² or up to 35 mm²
- Available in the five current conductor colors, e.g., for three-phase cables

Technical data

Dimensions				
	[mm]	Width	Length	Height NS 35/7,5
		23	**46**	**42**
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²] / AWG (UL)
		101	**400**	**1.5 - 25** / **-**
Rated data		IEC 60998-1 IEC	UL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	101 / 25	- / -	- / -	-
Rated cross section	[mm²]	25	-	-	-
Cross section range	AWG	8 - 2	-	-	-
Supply connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 25	10 - 25	1.5 - 16	1.5 - 10
Branch connection capacity		solid	stranded	ferrule without/with plastic sleeve	
1 conductor	[mm²]	1.5 - 16	-	1.5 - 10	1.5 - 6
General data					
Stripping length	[mm]	16			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Terminal block, for mounting on NS 35...	gray	**UDB 2X25/16 GY**	3071355	5
	black	**UDB 2X25/16 BK**	3071356	5
	brown	**UDB 2X25/16 BN**	3071357	5
	blue	**UDB 2X25/16 BU**	3071358	5
	green	**UDB 2X25/16 GN**	3071359	5

Accessories

Screwdriver	**SF-PZSL 1-80 S-VDE**	1212699	10
Marking	0815677 **EML (15X9)R**		





25 (35) mm², 125 A, trunk line branch terminal, 2 x 25 mm² outlets

Technical data

Width	Length	Height NS 35/7,5	
27	**55**	**46**	
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
125	**400**	**10 - 35**	**-**

IEC 60998-1			
IEC	UL	CSA	IEC/ EN 60079-7
400	-	-	-
125 / 35	- / -	- / -	-
35	-	-	-
8 - 2	-	-	-

solid	stranded	ferrule without/with plastic sleeve	
10 - 35	10 - 25	10 - 25	10 - 16
solid	stranded	ferrule without/with plastic sleeve	
1.5 - 25	-	1.5 - 16	1.5 - 10

25	
PA	
V0	

Ordering data

Type	Order No.	Pcs./Pkt.
UDB 2X35/25 GY	**3071350**	5
UDB 2X35/25 BK	**3071351**	5
UDB 2X35/25 BN	**3071352**	5
UDB 2X35/25 BU	**3071353**	5
UDB 2X35/25 GN	**3071354**	5

Accessories

SF-PZSL 2-100 S-VDE	**1212700**	10

0815677 EML (15X9)R

PSBJ ... test sockets

– The test sockets are tailored to the special applications encountered in the energy supply industry
– The PSBJ... test socket is used in place of the normal bridge screw and ensures the voltage tap on a bridged group of terminal blocks



4 mm test socket, for URTK/S measuring transducer disconnect terminal blocks



4 mm test socket, for UK terminal blocks with M4 bridge thread

		Ordering data			Ordering data		
Description	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Test socket, insulated, for the URTK/S terminal block, M3.5 thread							
	transparent	**PSBJ 3,5/18/6 FARBLOS**	0311391	10			
	white	**PSBJ 3,5/18/6 WH**	0311317	10			
	red	**PSBJ 3,5/18/6 RD**	0311320	10			
	blue	**PSBJ 3,5/18/6 BU**	0311333	10			
	yellow	**PSBJ 3,5/18/6 YE**	0311346	10			
	green	**PSBJ 3,5/18/6 GN**	0311359	10			
	violet	**PSBJ 3,5/18/6 VT**	0311362	10			
	gray	**PSBJ 3,5/18/6 GY**	0311375	10			
	black	**PSBJ 3,5/18/6 BK**	0311388	10			
Test socket, insulated, can be used only with FBI and ISSBI							
	silver				**PSBJ 3/13/4**	0201304	10
Test socket, insulated, for UK 6 N, UK 10 N and URTK/SP and USST 10 terminal blocks, M4 thread							
	transparent				**PSBJ 4/15/6 FARBLOS**	0303419	10
	white				**PSBJ 4/15/6 WH**	0303312	10
	red				**PSBJ 4/15/6 RD**	0303325	10
	blue				**PSBJ 4/15/6 BU**	0303354	10
	yellow				**PSBJ 4/15/6 YE**	0303367	10
	green				**PSBJ 4/15/6 GN**	0303370	10
	violet				**PSBJ 4/15/6 VT**	0303383	10
	gray				**PSBJ 4/15/6 GY**	0303396	10
	black				**PSBJ 4/15/6 BK**	0303406	10
Test socket, fully insulated, for safety test plugs							
For the UK 5 N terminal block, thread M3	gray						
For the UK 6 N terminal block, thread M4	gray						
Can be used only with FBI 10-6, thread M3	gray						
Can be used only with FBI 10-8, thread M4	gray						
Test socket, insulated							
	transparent						
	red						
	blue						
	yellow						
	green						
	violet						
	black						
	gray						
	brown						
Test socket, fully insulated, touch-proof in accordance with BGV A 2, for 4 mm Ø safety measuring leads, for universal measuring transducer disconnect terminal block URTK/S, M3.5 thread							
	red						
	blue						
	yellow						
	green						
	violet						
	black						



4 mm test socket, for safety test plugs, for UK terminal blocks

EAC

Ordering data

Type	Order No.	Pcs./Pkt.
PSBJ 3/52/6 GY	3048085	10
PSBJ 4/41/8 GY	3206186	10
PSBJ 3/50/6 GY	3048098	10
PSBJ 4/51/8 GY	3206173	10



4 mm test socket, for SRTK 6 and URTK 6 measuring transducer disconnect terminal blocks, with M3 thread

EAC

Ordering data

Type	Order No.	Pcs./Pkt.
PSBJ-URTK 6 FARBLOS	3026450	10
PSBJ-URTK 6 RD	3026719	10
PSBJ-URTK 6 BU	3026434	10
PSBJ-URTK 6 YE	3026405	10
PSBJ-URTK 6 GN	3026418	10
PSBJ-URTK 6 VT	3026421	10
PSBJ-URTK 6 BK	3026447	10
PSBJ-URTK 6 GY	3026612	10
PSBJ-URTK 6 BN	3026971	10



4 mm test socket, for safety test plugs, for URTK/S measuring transducer disconnect terminal blocks

EAC

Ordering data

Type	Order No.	Pcs./Pkt.
PSBJ-URTK/S RD	0311744	10
PSBJ-URTK/S BU	0311757	10
PSBJ-URTK/S YE	0311731	10
PSBJ-URTK/S GN	0311760	10
PSBJ-URTK/S VT	0311773	10
PSBJ-URTK/S BK	0311728	10

PSBJ ... test sockets

– Test sockets are also available for the UGSK/S switchable slide-type terminal blocks for testing tasks with 4 mm Ø safety measuring cables

Notes:

[1]) For additional test sockets, visit phoenixcontact.net/products



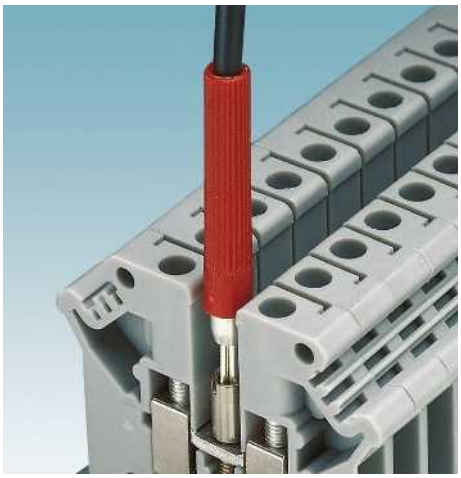
Description	Color	Ordering data		
		Type	**Order No.**	Pcs./Pkt.
Test socket				
	orange	**PSBJ-GSK/S-N OG**	3032890	10
	yellow	**PSBJ-GSK/S-N YE**	3032891	10
	green	**PSBJ-GSK/S-N GN**	3032892	10
	violet	**PSBJ-GSK/S-N VT**	3032893	10
	blue	**PSBJ-GSK/S-N BU**	3032894	10
Test socket, insulated[1])				
	gray			
	brown			
	black			
	red			
	orange			
	white			
	yellow			
	green			
	violet			
	blue			



Ordering data

Type	Order No.	Pcs./Pkt.
PSBJ 6-T GY	3070316	10
PSBJ 6-T BN	3070317	10
PSBJ 6-T BK	3070318	10
PSBJ 6-T RD	3070319	10
PSBJ 6-T OG	3070320	10
PSBJ 6-T WH	3070324	10
PSBJ 6-T YE	3070326	10
PSBJ 6-T GN	3070327	10
PSBJ 6-T VT	3070328	10
PSBJ 6-T BU	3070329	10

PSB ... test sockets



- PSB ... test sockets are used for a reliable test connection
- All test sockets are screwed into the bridge shaft
- With the PSB 3/10/4, the test connection is provided by the MPS miniature test plug with 2.3 mm diameter
- With the PSB 6/5/6 and PSB 4/7/6, the test plug with 4 mm diameter is used



Test sockets for UK terminal blocks

EAC

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Test socket				
For UK 2,5 N, UK 3 N, UK 5 N, URTK/SS terminal blocks, M3 thread	silver	**PSB 3/10/4**	0601292	10
For the UK 6 N, UK 10 N, UK 16 N terminal blocks, M4 thread	silver	**PSB 4/7/6**	0303299	10
For UK 35 terminal block, M6 thread	silver	**PSB 6/5/6**	0205290	10

PS-... todular test plug

– The PS-...2,3MM modular test plugs can be used to put together individual test adapters
– The test plug reliably makes contact in the bridge shaft and in all test sockets with a 2.3 mm or 4 mm diameter
– The PS-UK ... modular test plugs are simply placed on the bridge shaft of the corresponding terminal block and latched by pressing down the locking pin



2.3 mm test plugs



EAC

EAC

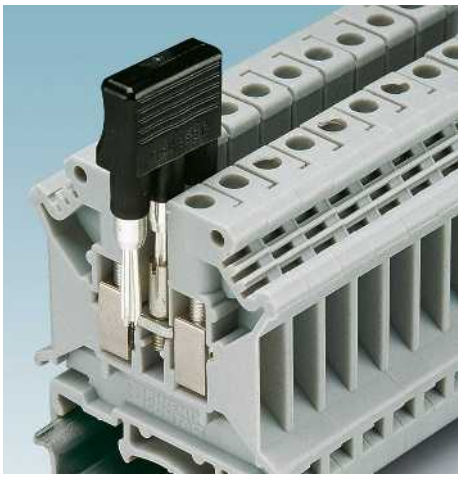
Technical data

General data		
Material	silver-plated brass	PA
Flammability rating according to UL 94	-	V2
Temperature range [°C]	-40 ... 125	-40 ... 115

Ordering data

Description	No. of pos.	Width	Color	Type	Order No.	Pcs./Pkt.	Type	Order No.	Pcs./Pkt.
Test plug metal part, 2.3 mm Ø	1	5 mm	silver	**MPS-MT**	0201744	10			
		5 mm	white	**MPS-IH WH**	0201663	10			
Insulating sleeve, for MPS metal part		5 mm	red	**MPS-IH RD**	0201676	10			
		5 mm	blue	**MPS-IH BU**	0201689	10			
		5 mm	yellow	**MPS-IH YE**	0201692	10			
		5 mm	green	**MPS-IH GN**	0201702	10			
		5 mm	gray	**MPS-IH GY**	0201728	10			
		5 mm	black	**MPS-IH BK**	0201731	10			
Test plug, consisting of: **metal part** for 4 mm Ø socket hole and 4 mm Ø	1		silver	**MPS-MT/ 4MM**	3048577	10			
Modular test plug housing, for MPS metal part, can be marked with ZB 5	1	5.2 mm	red	**PS-5/2,3MM RD**	3038723	10			
Modular test plug housing, for MPS metal part, can be marked with ZBF 6	1	6.2 mm	red	**PS-6/2,3MM RD**	3038736	10			
Modular test plug housing, lmarking with ZBF 7,5	1	7.5 mm	red	**PS-7,5/2,3MM RD**	3038749	10			
Modular test plug housing, lmarking with ZBF 8	1	8 mm	red	**PS-8/2,3MM RD**	3048564	10			
Individual test plug, delivery: 1-pos.	1	5 mm	red				**PS-UK 2,5 B/E**	3001132	10
Modular test plug, delivery: set of 10 with connection pin Pitch 5.2 mm	1	5 mm	red				**PS-UK 2,5 B/Z-5**	3001226	1
Modular test plug, delivery: set of 10 with connection pin Pitch 6.2 mm	1	5 mm	red				**PS-UK 2,5 B/Z-6**	3001239	1
Individual double-level test plug, contacts in the upper and lower level simultaneously, delivery: 1-pos., for UTTB ...	1	7.6 mm	red				**PS-UKK/E**	3000641	10
Modular double-level test plug, contacts in the upper and lower level simultaneously, delivery: 10-pos. blocks with 2 connection pins, for UTTB 2,5	10	54.6 mm	red				**PS-UKK 3**	3000638	1
Modular double-level test plug, contacts in the upper and lower level simultaneously, delivery: 10-pos. blocks with 2 connection pins, for UTTB 4	10	64.6 mm	red				**PS-UKK 5**	3000625	1

KSS ... short-circuit plugs



- Short-circuit plugs allow two or more neighboring terminal blocks, fitted with the PSB ... or PSBJ ... test sockets, to be easily short circuited
- The KSSI ... short-circuit plugs are suitable for use on isolated 4 mm test sockets for safety test plugs



2-, 3-, and 4-pos. short-circuit connectors

Technical data

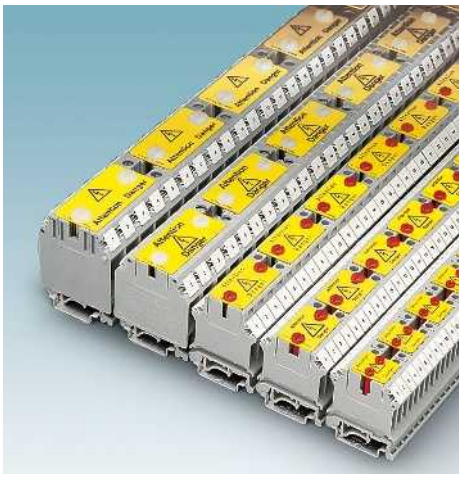
General data	
Material	Copper
Flammability rating according to UL 94	V2

Ordering data

Description	No. of pos.	Color	Type	Order No.	Pcs./Pkt.
Short-circuit plug, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ					
Pitch 5.2 mm	2	black	**KSS 5**	2303543	10
Pitch 6.2 mm	2	black	**KSS 6**	0301547	10
Pitch 8.2 mm	2	black	**KSS 8**	0311540	10
Pitch 10.2 mm	2	black	**KSS 10**	0310541	10
Short-circuit plug, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 6.2 mm pitch					
	3	black	**KSS 3- 6**	0309523	10
Short-circuit plug, for short circuiting neighboring terminal blocks, can only be used with PSB or PSBJ, with 8.2 mm pitch					
	4	black	**KSS 4- 8**	0309549	10
Short-circuit plug, for short circuiting neighboring terminal blocks, fully insulated					
	2	black	**KSSI 2-8**	3000722	10
	4	black	**KSSI 4-8**	3000735	10



WS ... warning labels

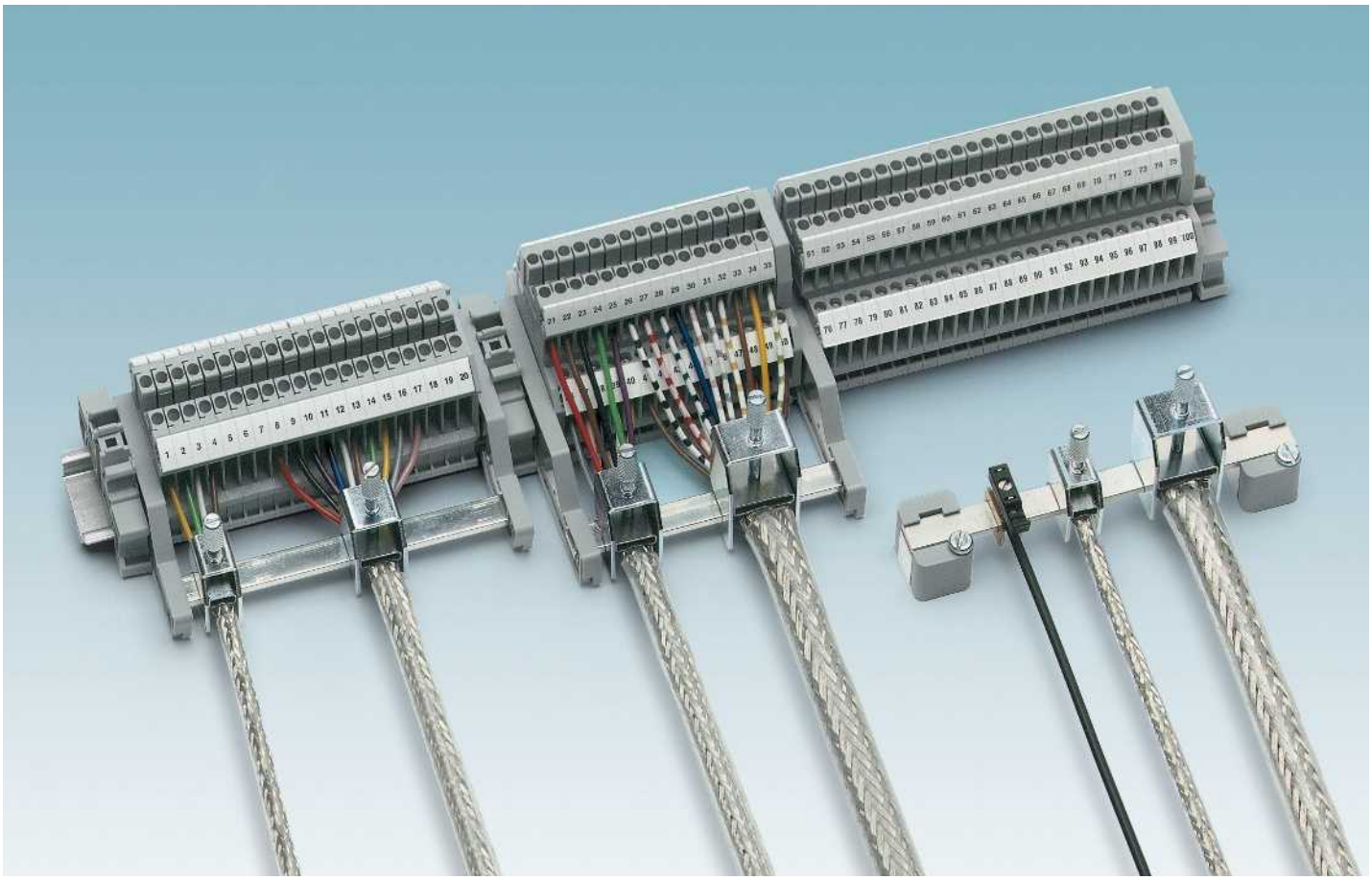


- Network connection terminal blocks are reliably covered and labeled using warning labels
- This prevents accidental actuation of the terminal points
- The warning labels are secured in the bridge shafts of the UK ... terminal blocks using plastic screws

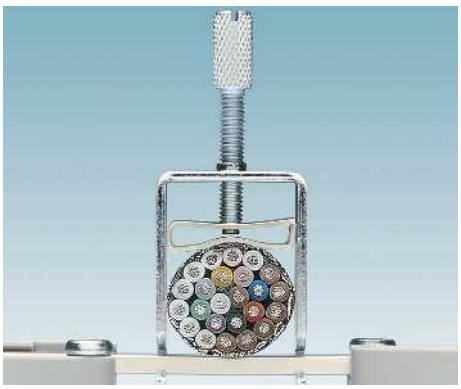


Warning labels for UK feed-through terminal blocks

Description	Color	Ordering data: Type	Order No.	Pcs./Pkt.
Warning label, with 2 plastic screws, pitch 5 mm				
covers 3 t.b.s	yellow	**WS 3- 5**	0805357	10
covers 4 t.b.s	yellow	**WS 4- 5**	0805344	10
covers 5 t.b.s	yellow	**WS 5- 5**	0805331	10
Warning label, with 2 plastic screws, pitch 6 mm				
covers 3 t.b.s	yellow	**WS 3- 6**	1004115	10
covers 4 t.b.s	yellow	**WS 4- 6**	1004209	10
covers 5 t.b.s	yellow	**WS 5- 6**	1004403	10
Warning label, with 2 plastic screws, pitch 8 mm				
covers 3 t.b.s	yellow	**WS 3- 8**	1004128	10
covers 4 t.b.s	yellow	**WS 4- 8**	1004212	10
covers 5 t.b.s	yellow	**WS 5- 8**	1004416	10
Warning label, with 2 plastic screws, pitch 10 mm				
covers 4 t.b.s	yellow	**WS 4-10**	1004225	10
covers 5 t.b.s	yellow	**WS 5-10**	1004429	10
Warning label, with 2 plastic screws, pitch 12 mm				
covers 4 t.b.s	yellow	**WS 4-12**	0805328	10
covers 5 t.b.s	yellow	**WS 5-12**	0805315	10
Warning label, with 2 plastic screws, pitch 15 mm				
covers 4 t.b.s	orange	**WS 4-15**	1004241	10
covers 5 t.b.s	orange	**WS 5-15**	1004445	10

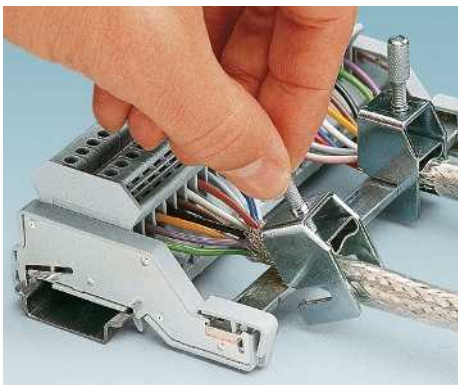


Your web code: #0845



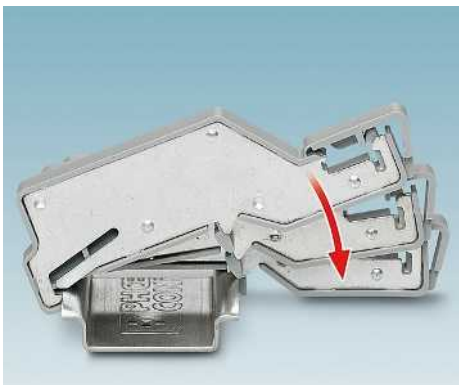
Large shield support

Shield connection terminal blocks are suitable for all standard cable shields and allow for EMC-compliant wiring through large surfaces and low-impendence and low-resistance contact transitions.



Easy to install

The shield connection terminal blocks offer optimum wiring convenience. Only once the terminal strip has been wired is the shield connection terminal block mounted by simply pivoting it into place.

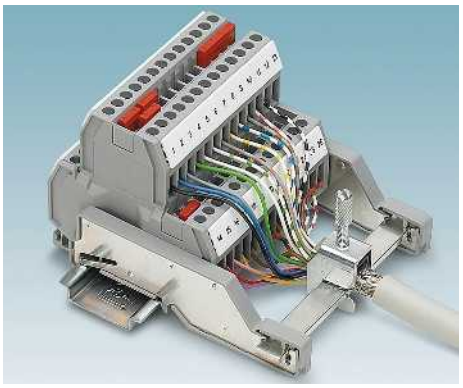


Safe contact

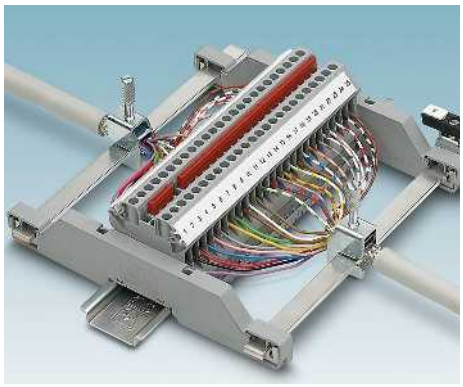
Phoenix Contact support frames for shield connection terminal blocks are easily snapped onto the mounting rail. The integrated contact metals allow the ground potential to be automatically connected to the busbar.



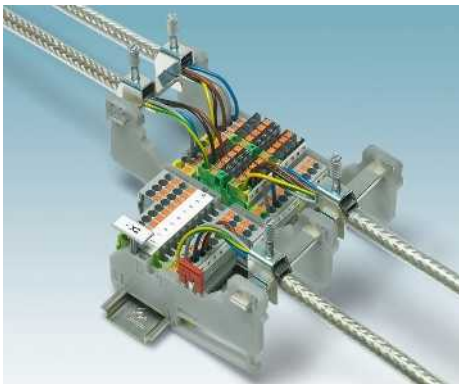
Conductors with a diameter of 2 to 35 mm can make optimum contact with the shield connection clamps from the SK series without any special tools and are available for various types of mounting.



The single-sided shield support frames AB-SK are particularly well suited to space-saving conductor connection for terminal blocks and devices with cable entry at the side.



The double support bracket offers simple handling with optimum EMC properties for the two-sided support of a shielded cable. Either an isolated or grounded structure can be used.



The easiest way to wire terminal blocks with a front connection is using AB-SK TOP support frames located above the blocks. The NLS rail can be mounted in the support frames vertically, horizontally or at a 45° angle for optimum conductor placing.



The 3 x 10 mm PEN conductor busbar can also be quickly and safely snapped into the contact zone. The ground potential is thereby automatically connected to the busbar.



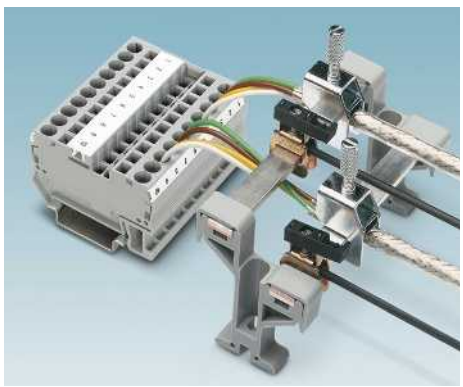
Having the same design as the SK series, shield supports with SK ...-D terminal blocks can also be realized directly on the mounting plate or back wall. The terminal blocks are simply pivoted into the two slots above the conductor.



Support frames with a lateral metal insert for the PEN conductor busbar or T-shaped AB-SK/E compact support frames are used to freely position the shield connection terminal blocks on the mounting plate.



Alternatively, the shielding can also be connected to ground potential isolated from protective earth ground. An appropriate contact to the PEN conductor busbar is established using a pick-off terminal block.



The easiest way to wire terminal blocks with a front connection is using support frames located above the blocks. This method also allows multi-level terminal blocks with short wiring paths to be connected in compliance with EMC requirements.

SK ... shield connection clamps

The screw-type shield connection terminal blocks of the SK series are characterized by:
– Simple handling
– Knurled screw
– Spring-loaded, large pressure piece
– Suitable for direct and busbar mounting

Notes:
Dimensional drawings can be found on page 583.



Shield connection clamps for busbar mounting



Shield connection clamps for direct mounting

EAC

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Shield terminal block, for applying the shield to busbars, contact resistance < 1 mΩ				
Ø 2-5 mm, tightening torque 0.4 Nm	silver	**SK 5**	3025338	10
Ø 3-8 mm, tightening torque 0.6 Nm	silver	**SK 8**	3025163	10
Ø 3-14 mm, tightening torque 0.8 Nm	silver	**SK 14**	3025176	10
Ø 5-20 mm, tightening torque 0.8 Nm	silver	**SK 20**	3025189	10
Ø 5 - 28 mm, tightening torque 1 Nm	silver	**SK 28**	3026997	10
Ø 20-35 mm, tightening torque 1.2 Nm	silver	**SK 35**	3026463	10
Shield connection clamp, for applying the shield directly to the conductive mounting plates, plate thickness 1-2 mm				
Ø 2-5 mm, tightening torque 0.4 Nm	silver			
Ø 3-8 mm, tightening torque 0.6 Nm	silver			
Ø 3-14 mm, tightening torque 0.8 Nm	silver			
Ø 5-20 mm, tightening torque 0.8 Nm	silver			
Ø 5 - 28 mm, tightening torque 1 Nm	silver			
Ø 20-35 mm, tightening torque 1.2 Nm	silver			

Accessories

PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A			
	NLS-CU 3/10 SN 1000MM	0402174	10

EAC

Ordering data

Type	Order No.	Pcs./Pkt.
SK 5-D	3025406	10
SK 8-D	3026861	10
SK 14-D	3026874	10
SK 20-D	3026887	10
SK 28-D	3027006	10
SK 35-D	3026890	10

Accessories

SKS ... shield connection clamps

- The SKS ... spring shield connection terminal blocks are available for cable and conductor diameters of between 3 and 20 mm
- Three different forms of mounting are possible: on NS 35 DIN rails, on busbars or directly on conductive mounting plates

Notes:

Dimensional drawings can be found on page 583.



Shield connection clamps for busbar and direct mounting



Shield connection clamps for DIN rail mounting

EAC

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Shield terminal block, for applying the shield to busbars, contact resistance < 1 mΩ				
Ø 3-8 mm	silver	**SKS 8**	3240210	10
Ø 3-14 mm	silver	**SKS 14**	3240211	10
Ø 5-20 mm	silver	**SKS 20**	3240212	10
Shield connection terminal block, for directly applying the shield to conductive mounting plates, metal thickness 1-2 mm, with fastening screw M4				
Ø 3-8 mm	silver	**SKS 8-D**	3240213	10
Ø 3-14 mm	silver	**SKS 14-D**	3240214	10
Ø 5-20 mm	silver	**SKS 20-D**	3240215	10

Accessories

PEN conductor busbar, 3 x 10 mm, 1 m long, material: copper, tin-plated, nominal current: 140 A				
		NLS-CU 3/10 SN 1000MM	0402174	10

EAC

Ordering data

Type	Order No.	Pcs./Pkt.
SKS 8-NS35	3240216	10
SKS 14-NS35	3240217	10
SKS 20-NS35	3240218	10
SKS 8-SNS35	3062786	10
SKS 14-SNS35	3062799	10
SKS 20-SNS35	3062809	10

Accessories

Type	Order No.	Pcs./Pkt.
NLS-CU 3/10 SN 1000MM	0402174	10

Support bracket for shield support on one side



AB-SK TOP

– For convenient shield connection, especially for single- and multi-level terminal blocks and devices with a front connection
– The 3 x 10 mm rail can be mounted in the support frames vertically, horizontally and at a 45° angle for optimum conductor placing
– Compact design in a 5.2 mm pitch
– Can be marked with zack marker strip and KLM ... terminal strip markers
– Parking facility for FBS plug-in bridges
– End holder function
– For mounting SK and SKS shield connection clamps

AB-SK

– The single-sided shield support frames AB-SK are particularly well suited to space-saving conductor connection for terminal blocks and devices with cable entry at the side
– Available in two lengths
– For mounting SK shield connection clamps

AB-SKS

– For convenient shield connection, especially for single- and multi-level terminal blocks and devices with a front connection
– Isolated to DIN rail
– End holder function
– For mounting SK and SKS shield connection clamps



Support bracket frame, tall, for SK and SKS shield connection clamps

Technical data

Dimensions	Width	Length	Height NS 35/7,5
[mm]	5.2	102.4	63.2
General data			
Material	PA		

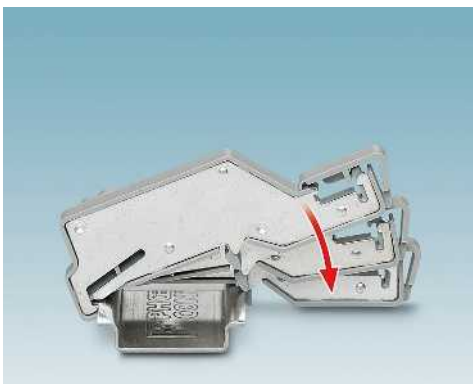
Ordering data

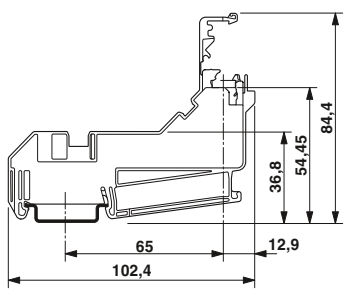
Description	Color	Type	Order No.	Pcs./Pkt.
Support bracket frame with end holder function, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, SK and SKS shield connection clamps	gray	**AB-SK TOP**	3062090	10
Support bracket with end holder function, for mounting on NS 35..., isolated to NS 35..., for accommodating 3 x 10 mm busbars, for SK and SKS shield connection clamps	gray	**AB-SK TOP INSULATED**	3062074	10
Support bracket, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, SK shield connection clamps	gray			
Support bracket, 65 mm, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, SK shield connection clamps	gray			
Support bracket with end holder function, for mounting on NS 35..., isolated to NS 35..., for accommodating 3 x 10 mm busbars, for SK and SKS shield connection clamps	gray			

Accessories

PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver	**NLS-CU 3/10 SN 1000MM**	0402174	10

Lateral groove marking	**UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 3)**
Lateral groove marking	**UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)**





AB-SK TOP



Support bracket frame, for SK shield connection clamps



Support bracket, 65 mm long, for SK shield connection clamps



Isolated support bracket, tall, for SK and SKS SK shield connection clamps

Technical data

Width	Length	Height NS 35/7,5
6.2	**77.35**	**28.7**

PA

Ordering data

Type	Order No.	Pcs./Pkt.
AB-SK	3025341	10

Accessories

NLS-CU 3/10 SN 1000MM	0402174	10

Technical data

Width	Length	Height NS 35/7,5
6.2	**95.5**	**28.7**

PA

Ordering data

Type	Order No.	Pcs./Pkt.
AB-SK 65	3026489	10

Accessories

NLS-CU 3/10 SN 1000MM	0402174	10

Technical data

Width	Length	Height NS 35/7,5
9.5	**97.8**	**46.9**

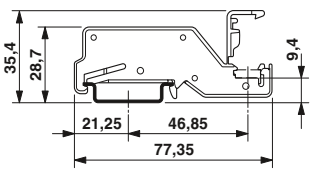
PA

Ordering data

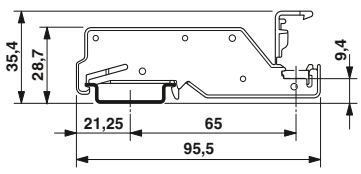
Type	Order No.	Pcs./Pkt.
AB-SKS 60	3240223	10

Accessories

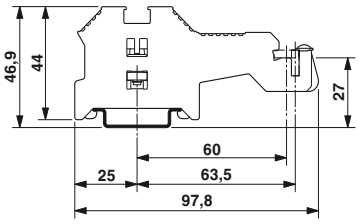
NLS-CU 3/10 SN 1000MM	0402174	10



AB-SK

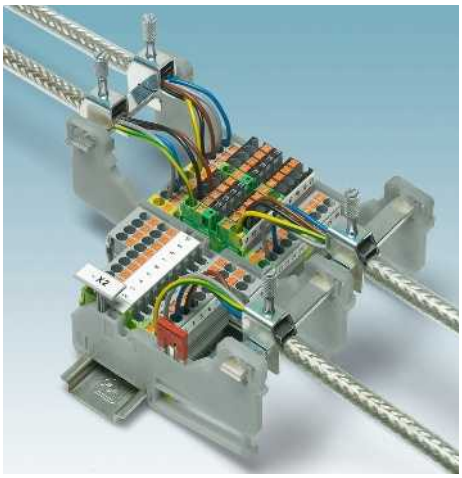


AB-SK 65



AB-SKS 60

Double support bracket for shield support on both sides



AB-SK-D TOP

– For convenient shield connection, especially for single- and multi-level terminal blocks and devices with a front connection
– The 3 x 10 mm rail can be mounted in the support frames vertically, horizontally and at a 45° angle for optimum conductor placing
– Compact design in a 5.2 mm pitch
– Can be marked with zack marker strip and KLM ... terminal strip markers
– Parking facility for bridges and connectors
– For mounting SK and SKS shield connection clamps

AB-SK 65-D

– The double shield support frames are particularly well suited to space-saving conductor connections for terminal blocks and devices with cable entry at the side
– Available in two lengths
– For mounting SK shield connection clamps



Double support bracket, tall, for SK and SKS shield connection clamps

Technical data

Dimensions		
Width	Length	Height NS 35/7,5
[mm]		
5.2	**155.8**	**-**

General data	
Material	PA

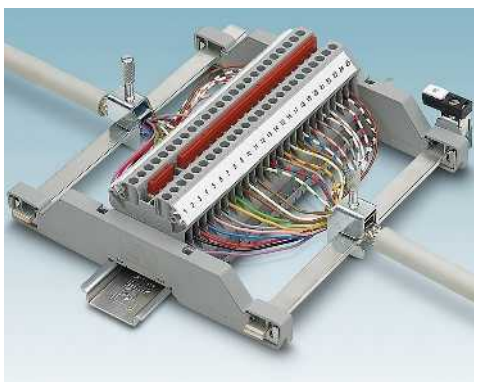
Ordering data

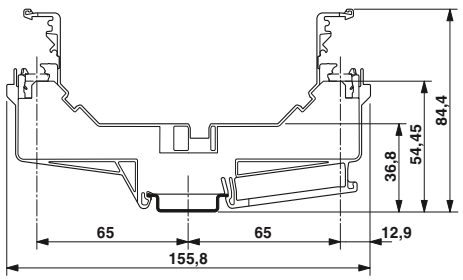
Description	Color	Type	Order No.	Pcs./Pkt.
Double support bracket with end bracket function, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, SK and SKS shield connection clamps	gray	**AB-SK-D TOP**	3062100	10
Double support bracket with end bracket function, for mounting on NS 35..., isolated to NS 35..., for accommodating 3 x 10 mm busbars, for SK and SKS shield connection clamps	gray			
Double support bracket, for mounting on NS 35..., direct contact with NS 35..., for accommodating 3 x 10 mm busbars, SK shield connection clamps	gray			
Double support bracket, 65 mm, for mounting on NS 35..., isolated to NS 35... for accommodating 3 x 10 mm busbars, SK shield connection clamps	gray			

Accessories

PEN conductor busbar, 3 x 10 mm, 1 m long, material: Copper, tin-plated, nominal current: 140 A	silver	**NLS-CU 3/10 SN 1000MM**	0402174	10

Lateral groove marking	**UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 3)**
Lateral groove marking	**UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)**





AB-SK-D TOP



Isolated, double support bracket, tall, for SK and SKS shield connection clamps



Double support bracket, tall, for SK shield connection clamps



Isolated, double support bracket, tall, for SK shield connection clamps

Technical data

Width	Length	Height NS 35/7,5
5.2	**155.8**	**-**

PA

Ordering data

Type	Order No.	Pcs./Pkt.
AB-SK-D TOP INSULATED	3062087	10

Accessories

NLS-CU 3/10 SN 1000MM	0402174	10
UC-TM 5, UCT-TM 5 or ZB 5 (see Catalog 3)		
UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)		

Technical data

Width	Length	Height NS 35/7,5
8.2	**150**	**28.7**

PA

Ordering data

Type	Order No.	Pcs./Pkt.
AB-SK 65-D	3026900	10

Accessories

NLS-CU 3/10 SN 1000MM	0402174	10

Technical data

Width	Length	Height NS 35/7,5
8.2	**150**	**28.7**

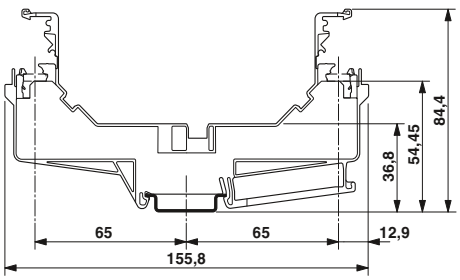
PA

Ordering data

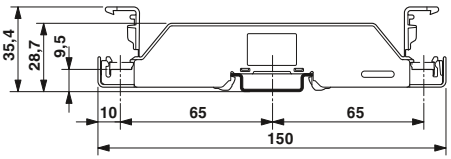
Type	Order No.	Pcs./Pkt.
AB-SK 65-D INSULATED	3040889	10

Accessories

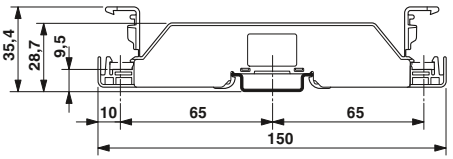
NLS-CU 3/10 SN 1000MM	0402174	10



AB-SK-D TOP INSULATED



AB-SK 65-D



AB-SK 65-D INSULATED

Support bracket frame for direct mounting

The support frames are available in the following versions:
– AB/SS for isolated installation on the mounting plate and
– AB/SS-M for non-isolated installation on the mounting plate
– For mounting SK and SKS shield connection clamps

Notes:
For dimensional drawings, see phoenixcontact.net/products

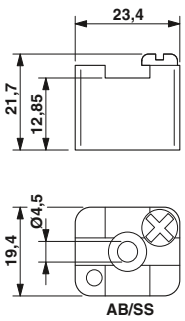


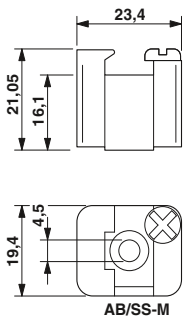
Support bracket for SK shield connecion clamps

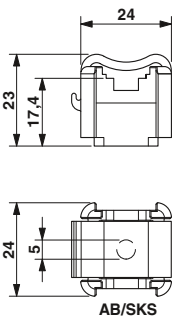


Support bracket for SK and SKS shield connection clamps

	Technical data			Technical data		
General data						
Material	PA			PA		
	Ordering data			**Ordering data**		
Description / Color	**Type**	**Order No.**	Pcs./Pkt.	**Type**	**Order No.**	Pcs./Pkt.
Support bracket, insulated, with retaining screw, for 3 x 10 mm or 6 x 6 mm busbars, gray	**AB/SS**	0404428	10			
Support bracket, with contact to the mounting plate, with retaining screw, for 3 x 10 mm busbars, gray	**AB/SS-M**	3025888	10			
Supportbracket, insulated, for 3 x 10 mm or 6 x 6 mm busbars, gray				**AB/SKS**	3240224	10
	Accessories			**Accessories**		
PEN conductor busbar, 3 x 10 mm, 1 m long, material: copper, tin-plated, nominal current: 140 A, silver	**NLS-CU 3/10 SN 1000MM**	0402174	10	**NLS-CU 3/10 SN 1000MM**	0402174	10







Multi-level support bracket for direct mounting



- Double and triple support frames for different busbars
- Type allows for an extremely compact design using large amounts of wiring, e. g. for multi-level front connection terminal blocks
- Support frames are isolated
- Direct mounting



Support bracket, multi-level, insulated

Technical data

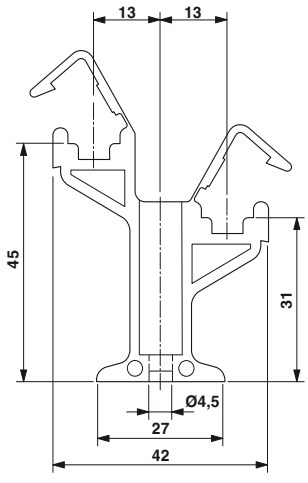
General data	
Material	PA

Ordering data

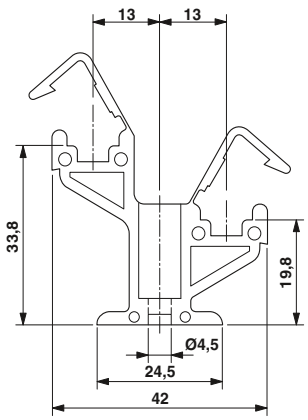
Description	Color	Type	Order No.	Pcs./Pkt.
Double support bracket, insulating material, can be optionally used for either 3 x 10 mm or 6 x 6 mm neutral busbar				
Height 48 mm	gray	**AB2/SS**	0404431	10
Height 36.8 mm	gray	**ABN 2/SS**	0404460	10
Triple support bracket, made from isolation material	gray	**AB3/SS**	0800086	10

Accessories

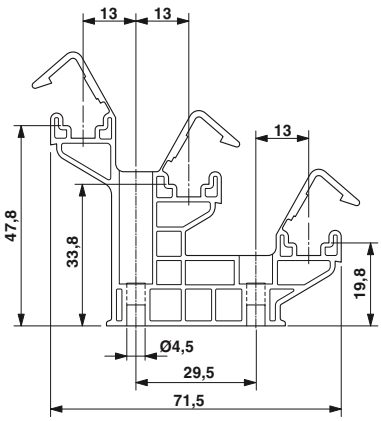
PEN conductor busbar, 3 x 10 mm, 1 m long, material: copper, tin-plated, nominal current: 140 A	silver	**NLS-CU 3/10 SN 1000MM**	0402174	10
PEN conductor busbar, in accordance with DIN VDE 0611-4, 6 x 6 mm, 1 m long, material: copper, tin-plated, nominal current: 140 A	silver	**NLS-CU 6/ 6 SN 1000MM**	0402161	10



AB2/SS



ABN 2/SS



AB3/SS

Support bracket frame for direct and DIN rail mounting



- T-shaped support frames for space-saving direct mounting and free positioning on the mounting plate
- Suitable for shield connection terminal blocks SK 5 to SK 14, SKS 8 and SKS 14
- Version for NS 35 DIN rail mounting



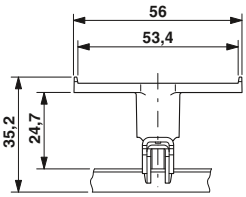
Support bracket

Technical data

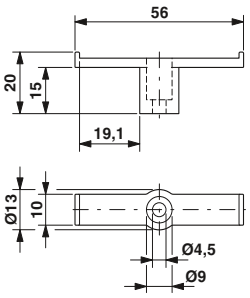
General data	
Material	Aluminum

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Support bracket, for direct mounting with contacting on the mounting surface	silver	**AB-SK/E**	3026476	10
Support bracket frame, for mounting on NS 35 DIN rails	silver	**AB-SK/E-NS 35**	3213111	10



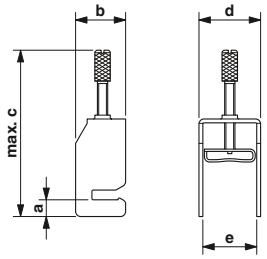
AB-SK/E-NS 35



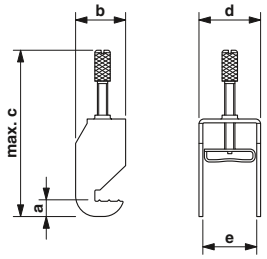
AB-SK/E

SK shield connection clamps

Dimensions [mm]	a	b	c	d	e
SK 5	6.5	19.5	46.8	9	6
SK 8	6.5	19.5	48.7	12	9
SK 14	6.5	19.5	59.3	17	14
SK 20	6.5	19.5	75	24	21
SK 28	6.5	20	93	32	28
SK 35	6.5	20	106.5	40	36
SK 5-D	6.5	19.5	46.8	9	6
SK 8-D	6.5	19.5	47.2	12	9
SK 14-D	6.5	19.5	57.8	17	14
SK 20-D	6.5	19.5	73.5	24	21
SK 28-D	6.5	20	91.5	32	28
SK 35-D	6.5	20	105.0	41	36



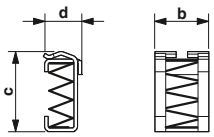
SK ...



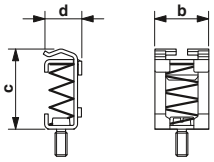
SK ...-D

Shield connection clamps SKS

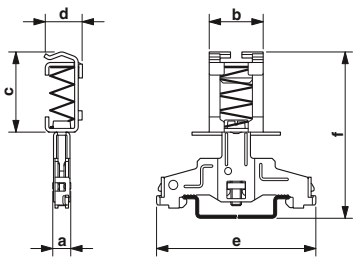
Dimensions [mm]	a	b	c	d	e	f
SKS 8	–	18	26	12.4	–	–
SKS 14	–	21	32	19	–	–
SKS 20	–	27	40.5	24.7	–	–
SKS 8-D	–	18	26	12.4	–	–
SKS 14-D	–	21	32	19	–	–
SKS 20-D	–	27	40.5	24.7	–	–
SKS 8-NS35	6	18	26	12.4	52	54
SKS 14-NS35	6	21	32	19	52	60
SKS 20-NS35	6	27	40.5	24.7	52	68.4



SKS ...



SKS ...-D

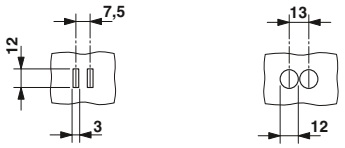


SKS ...-NS35

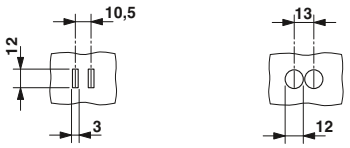
Drilling and punching patterns for SK...-D

Punching template

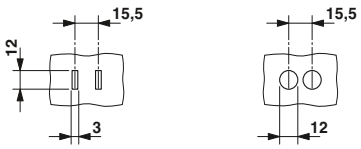
Drilling diagram



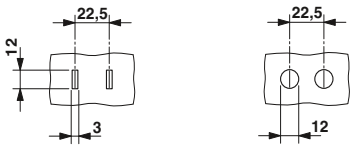
SK 5-D



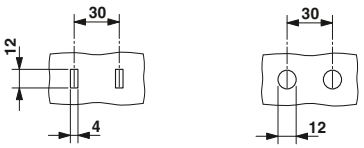
SK 8-D



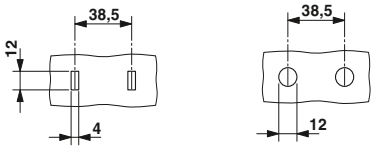
SK 14-D



SK 20-D



SK 28-D



SK 35-D


1b 2b 3b 4b 5b 6b 7b 8b 9b 10b 11b 12b 13b 14b 15b
1a 2a 3a 4a 5a 6a 7a 8a 9a 10a 11a 12a 13a 14a 15a
L3
L2
L1
reddot award 2014
winner industrial design

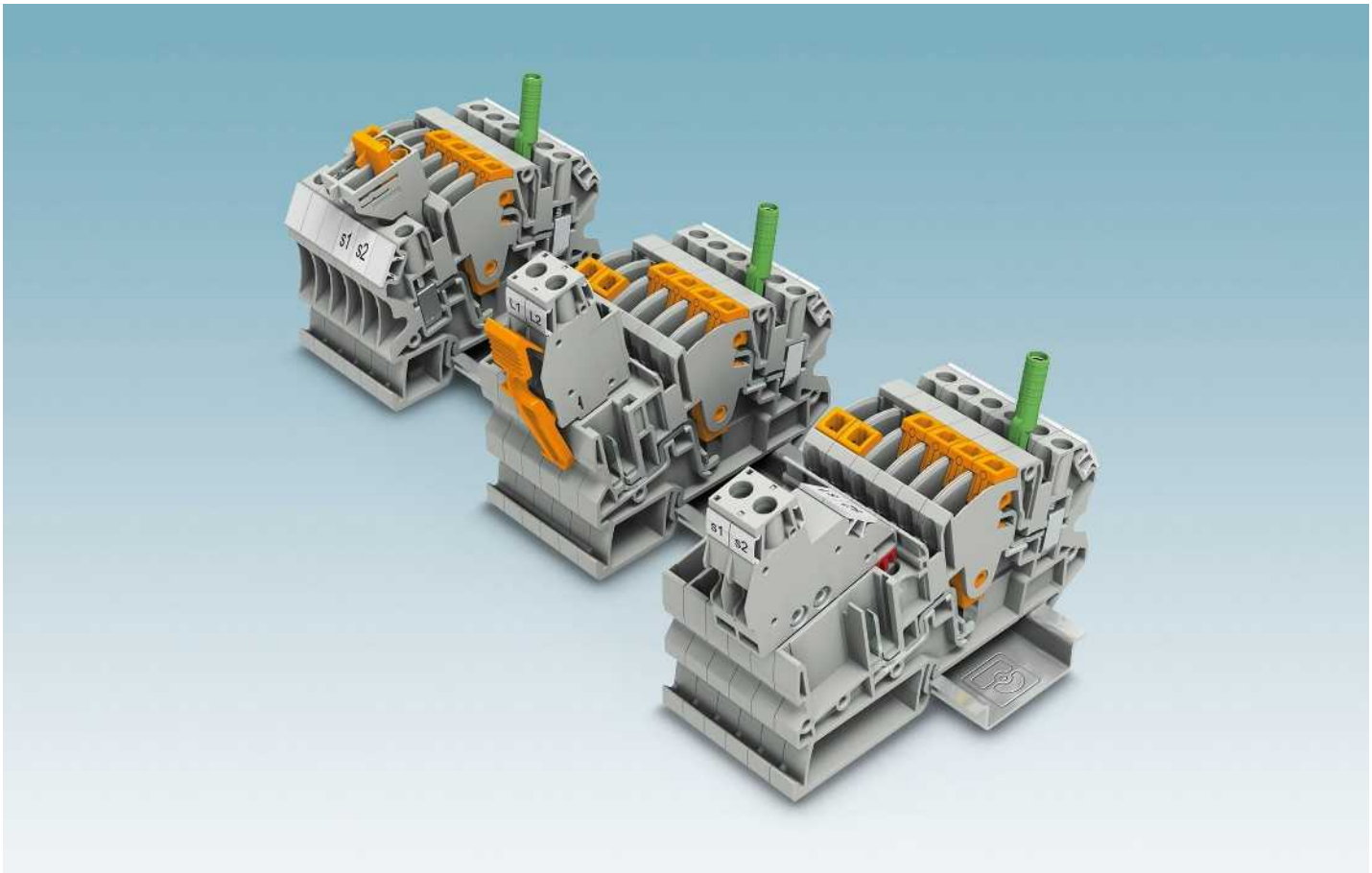
Sector-specific solutions

With CLIPLINE complete, the right terminal block system is available for every industry. The various connection technologies cover the requirements of all applications and uses. Numerous international approvals and comprehensive standard tests ensure safe usage in all branches of industry. Special requirements, such as those affecting the rail industry, shipbuilding or explosion-protected areas in process technology and process engineering, are also taken into account.

We also offer innovative solutions for industry-specific requirements, such as:
- Modular products with system accessories for current transformer test circuits in energy technology
- Marshalling terminals for space-saving, clear wiring in process technology
- Tailor-made solutions to satisfy the requirements of photovoltaics and building installation

Product range overview

Solutions for protection and control engineering	**586**
Measuring transducer disconnect terminal blocks for DIN rail mounting	**586**
Plug-in test system with operating plug and transformer short circuit in the plug-in test socket	**588**
Plug-in test system without operating plug and transformer short circuit in the test plug	**596**
Plug-in test system without operating plug and transformer short circuit in the plug-in test socket	**610**
Solutions for process technology	**624**
Solutions for photovoltaics	**626**
Solutions for building installation	**628**



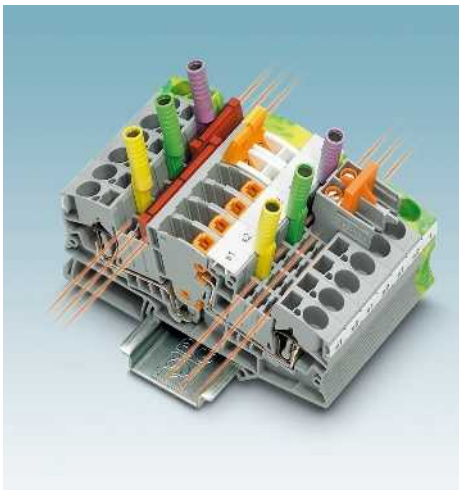
Phoenix Contact has provided the power supply sector with measuring transducer disconnect terminal blocks for all current transformer and voltage transducer applications for many decades. In addition to the standard terminal blocks, the measuring transducer disconnect terminal blocks are an integral part of the Phoenix Contact product portfolio.
The new ME series measuring transducer disconnect terminal blocks from the CLIPLINE complete system enable the easy and individual structuring of measuring transducer sets. The plug-in accessories for testing and short circuiting the current transformers as well as the potential distribution can be placed within the terminal strip in accordance with the application. All switching statuses within the terminal strip are clearly visible.

Consistent use of plug-in CLIPLINE complete system accessories helps to reduce mounting and storage costs. This series is also available with Push-in, spring-cage, and screw-connection technology. The current and voltage transformers are particularly easy to wire thanks to the plug-in measuring transducer disconnect terminal blocks. When the patented current transformer plugs are removed, an automatically leading short circuit is ensured. Use of appropriate coding and strain relief accessories also allows the modular and plug-in connection of measuring transducers.

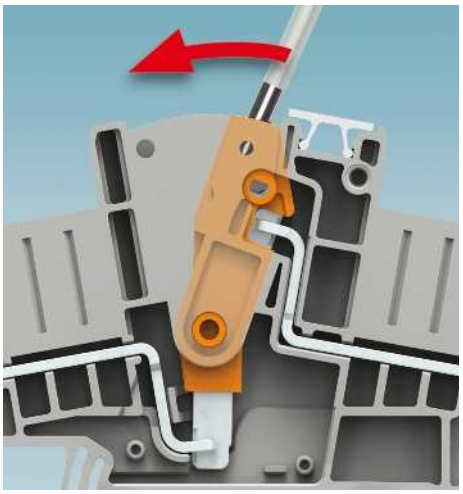
This means that these measuring transducer disconnect terminal blocks are ideally suited to control and measuring technology – from the counter (smart metering) right up to the secondary technology of switchgear and power stations.

The measuring transducer disconnect terminal blocks can be found in the relevant sections on the respective connection technologies.

Your web code: #1095



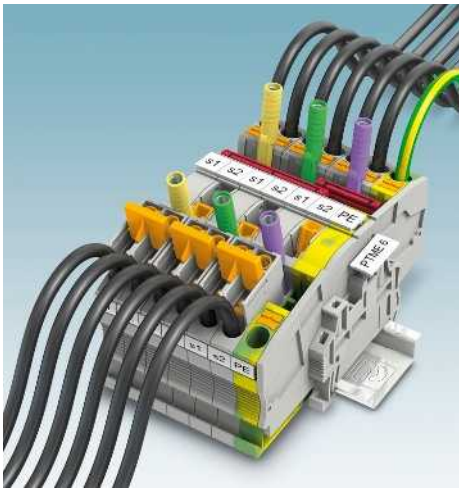
The triple function shaft on both sides of the longitudinal disconnect point enables the manual placement of bridging, testing, and switching accessories. Non-adjacent plug-in bridges allow the star point to be formed conveniently within the terminal strip, without the need for additional wire bridges.



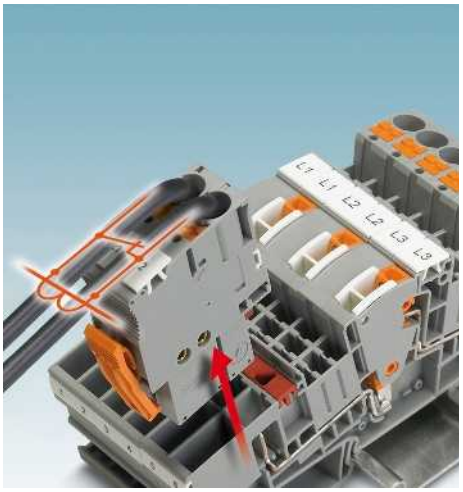
The lengthwise disconnector reliably makes contact and latches with a swiveling movement in the respective switching state. Switching symbols and optional switching locks also ensure a clear overview within the measuring transducer terminal strip.



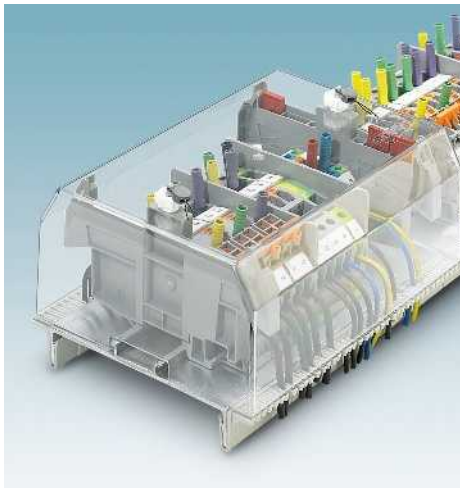
The plug-in current transformer short-circuit jumpers can be used individually, based on the switching task, in the function shafts of the terminal blocks. The bridge bar disconnect element is operated with a screwdriver, which means that the switching operation is only ever activated intentionally.



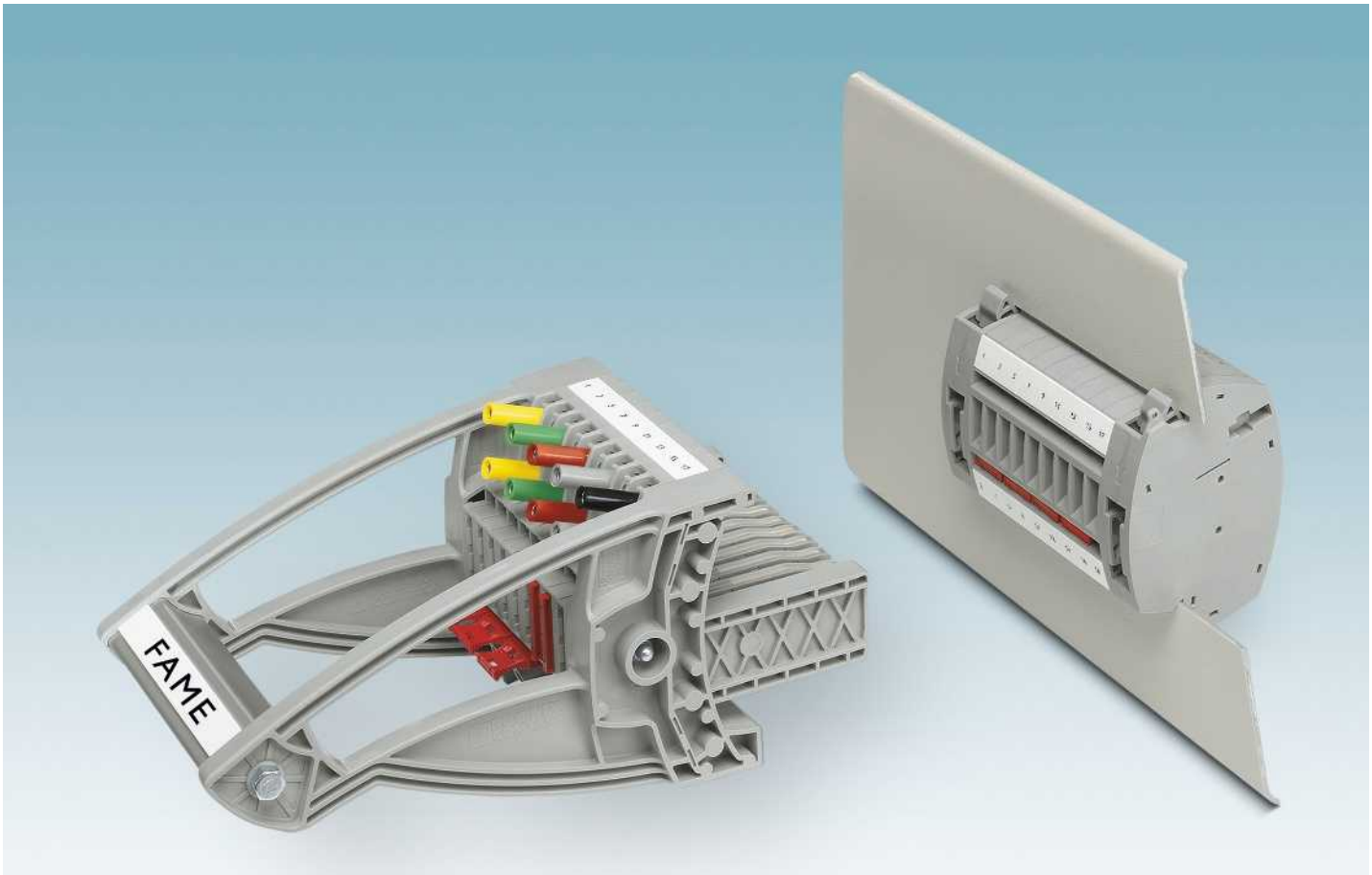
Feed-through and PE terminal blocks of the same shape are also available for the measuring transducer disconnect terminal blocks. They simplify the addition of attachments to the terminal strip and also enable convenient star point grounding within the terminal strip.



The plug-in current transformer disconnect terminal blocks and plugs also enable the safe plug-in wiring of current transformers. When the transformer plug is removed, a leading current transformer short circuit is automatically ensured. Additional encoding accessories prevent the polarity of the plug from being reversed.



Cover profiles and covering hoods are available as accessories. These can be mounted and sealed on the measuring transducer strip in a way which protects them against external influences and manipulation.



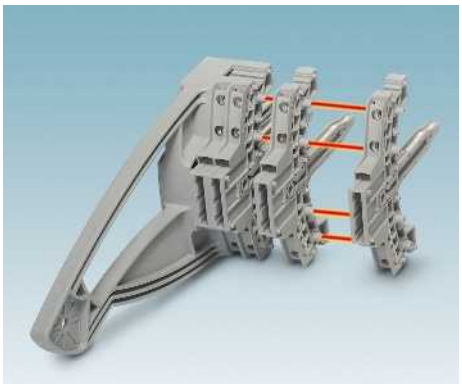
FAME 1 combines complex switching operations for function tests of current and voltage transformers, as well as tripping and signal contacts, in separate compact and space-saving blocks. The system operates in accordance with the N/O contact principle. In normal operation, an operating plug is required. The automatic transformer short circuit function is ensured with plug-in bridges in the plug-in test socket.

Measuring transducer disconnect terminal blocks are specifically tailored to the test circuits in current and voltage transformer secondary circuits. Manual switching operations short circuit current transformers prior to measurements being taken.
The FAME plug-in test system represents the further development of these switchable terminal blocks. FAME is the innovative plug-in test system for all measuring and testing tasks in network protection technology for medium and high-voltage switchgear.
The system consists of a plug-in test socket built into the control cabinet panel and the associated operating and test plugs. With this modular system, you can now perform manual testing operations automatically, safely, and more quickly. Suitable for every application, the modular system can be directly integrated into the control cabinet panel. Thanks to its modular, configurable design, FAME is a flexible system which can be used to implement different number of positions. This means that the right solution is available for every circuit diagram.

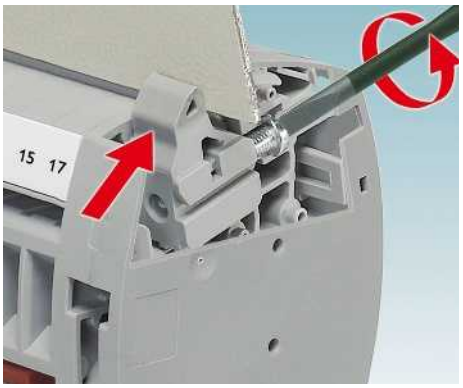
The FAME plug-in test system is designed for touch proofness for the IP20 degree of protection. Wall mounting enables installation in the control cabinet door. This allows tests to be carried out without having to access the inside of the control cabinet (wiring level), which eliminates the possibility of modifications or manipulation. The transformer short circuit is at the heart of the system and, when the short-circuit jumper is pre-installed, it is implemented automatically when the operating or test plug is removed. This significantly improves the safety levels during testing and saves time as well.

The system is configured for current transformer and voltage transducer applications using accessories from the CLIPLINE complete system.

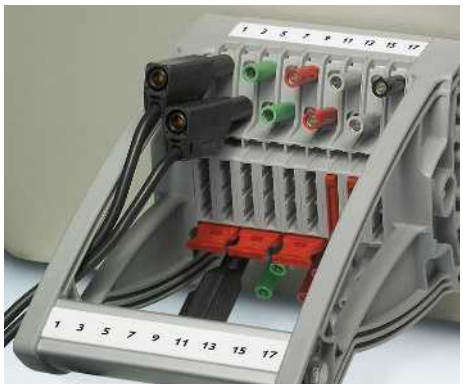
Your web code: #0131



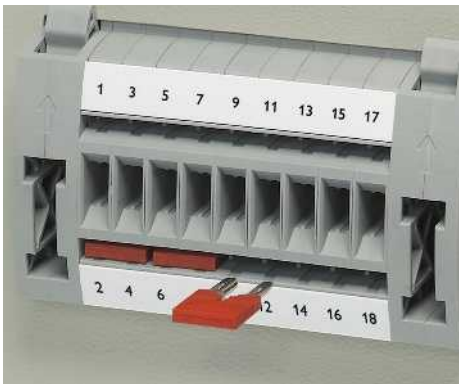
The compact and modular design of the system provides an extensive range of options for every application with positions from 4 to 13. This applies to both the plugs and the plug-in test sockets.



The patented wall fastening is easy to use and has a robust design. Large tolerances in the plate cutout of up to 4 mm are compensated for by the eccentric tappet function.



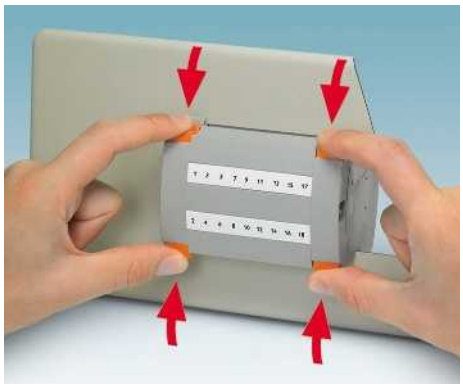
Thanks to the optional use of plug-in bridges, all test circuits can be implemented in the plug. Staggered test sockets enable the use of safety test leads in a confined space.



The transducer block offers two function shafts for short-circuit jumpering configuration on the control cabinet exterior.



In addition to the two marking grooves, the plug-in test sockets for wall mounting also offer two function shafts inside the control cabinet for forming and grounding the star point.



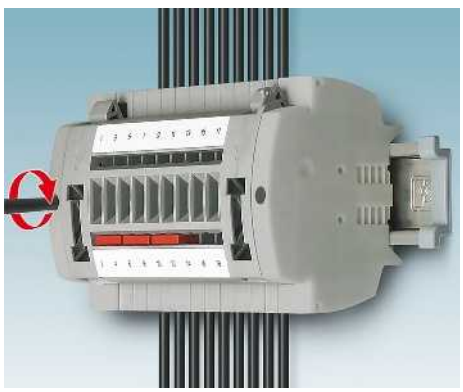
The robust latching of the power plug can only be released with two-hand operation.



The operating plug is protected against unauthorized actuation thanks to the optional seal. The operating plug safely covers the short-circuit jumpers and plug openings in normal operation.

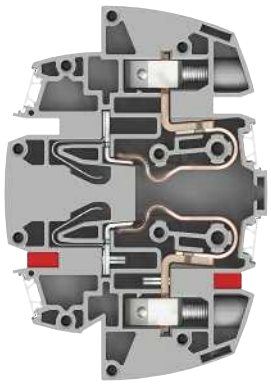


Large-surface marking options on the inside and outside of the control cabinet enable the clear identification of each terminal point.



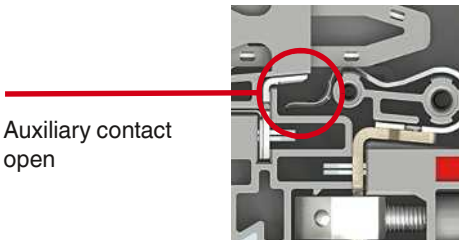
The pre-assembled plug-in test sockets can be mounted in a space-saving way in the control cabinet by simply snapping the E-UTWE 6 adapter onto standard NS 35 DIN rails.

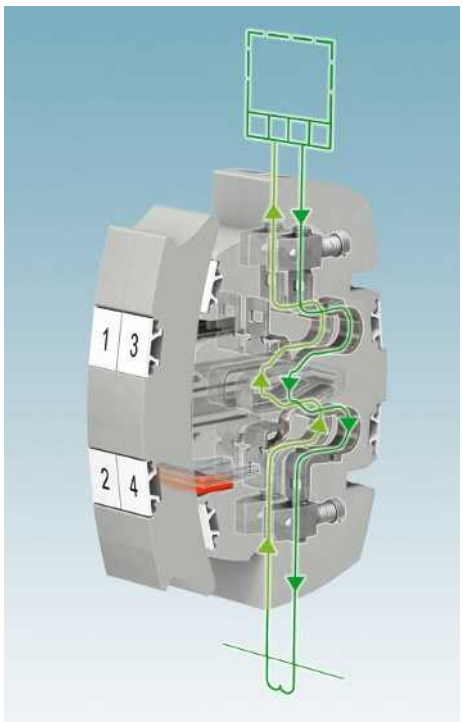
FAME 1
Modular plug-in test system with operating plug and transformer short circuit in the plug-in test socket



The switch contact in the plug-in test socket is an N/O contact. In normal operation, the operating plug closes the contact.

Normal operation

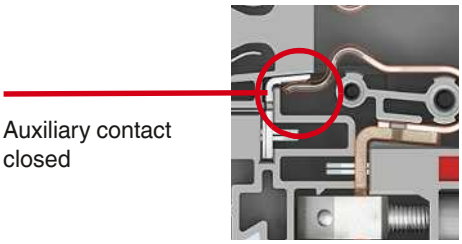


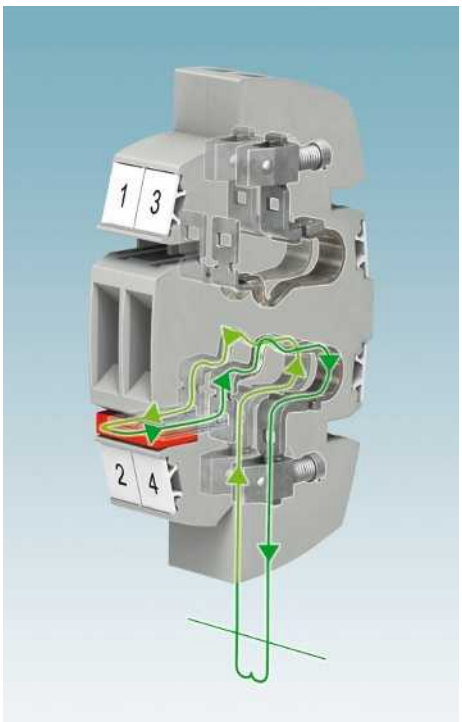


Normal operation

When the operating plug is used, the transformer short circuit is automatically overridden and the measuring transducer operates safely.

Transformer short circuit



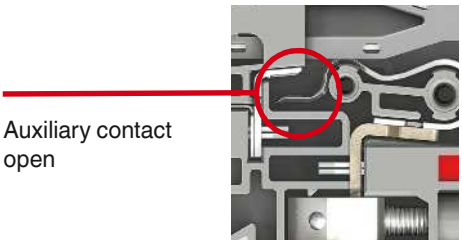


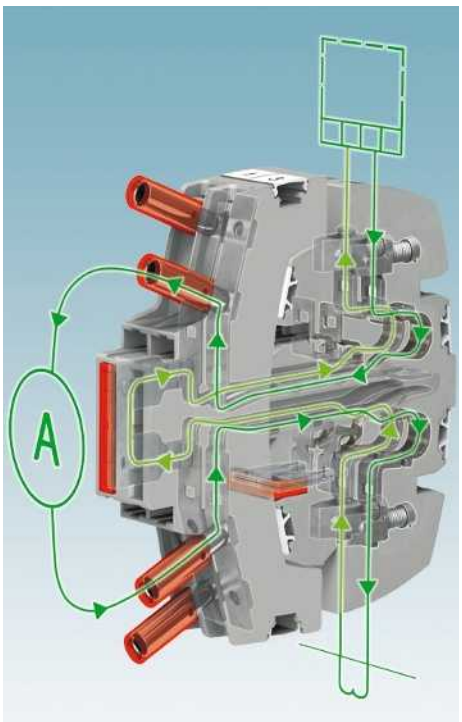
Transformer short circuit

If the plug is removed, the integrated auxiliary contact automatically triggers a leading short circuit when short-circuit jumpers are plugged in.

Connected measuring transdu cers are safely protected against damage.

Test operation

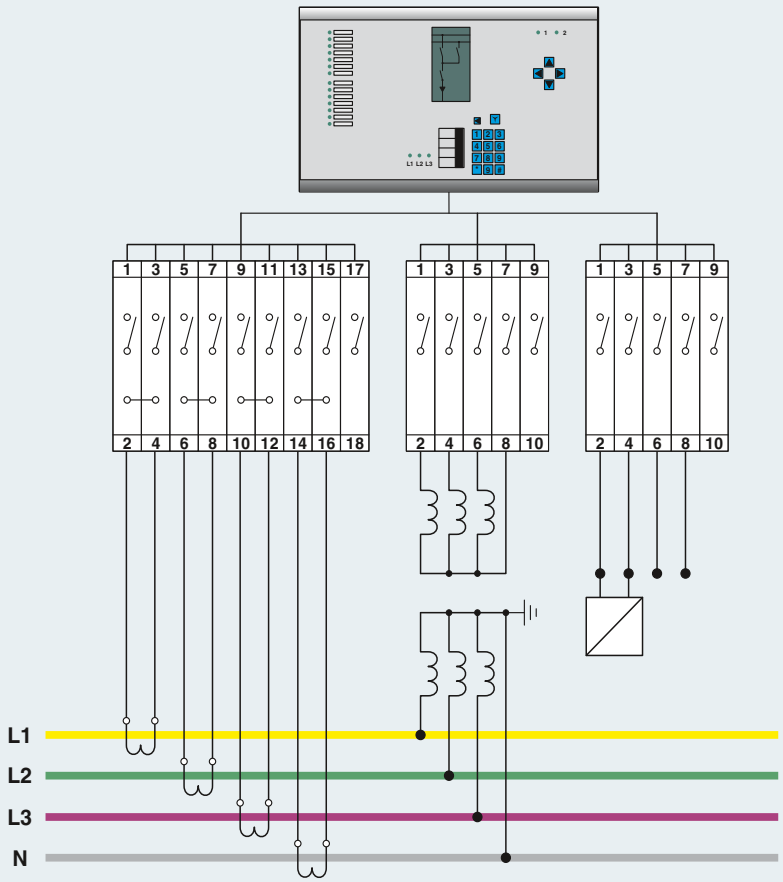




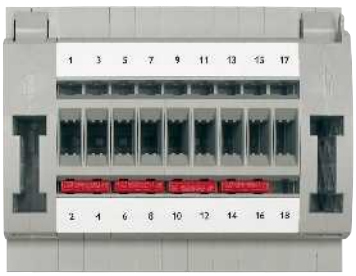
Test operation

When inserting the test plug, the ammeter connected to the test plug is first of all looped into the circuit. Then the transformer short circuit is automatically overridden.

Mains protection – switching example with sequential switching sequence



Plug-in test socket for current transformers



Plug-in test socket for voltage transducers



Plug-in test socket for signal and tripping contacts



Plug-in test socket, operating plug, test plug

Order No.	Type	Required quantity
3069064	UTWE 6/8+1	1
3069297	FWP 8+1	1
3069242	FTP 8+1	1

Order No.	Type	Required quantity
3069048	UTWE 6/4+1	1
3069271	FWP 4+1	1
3069223	FTP 4+1	1

Order No.	Type	Required quantity
3069048	UTWE 6/4+1	1
3069271	FWP 4+1	1
3069223	FTP 4+1	1

Plug-in bridge

3030284	FBS 2-8	4

Measuring transducer block, with plug

Notes:
For further test adapters, test sockets, and connectors for use with screw test sockets, visit phoenixcontact.net/products.
Derating curve on request.
To create panel cutouts, see phoenixcontact.net/products.
1) FAME 6/...BI test blocks are available for standard panel cutouts.



10 (10) mm², 30 A, plug-in test socket, wall mounting



30 A, operating plug

Technical data

Maximum electrical data	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
	30	**400**	**0.2 - 10**	**24-8**
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	400	300	300	-
Nominal current / cross section [A] / [mm²]	24 / 6	10	10 / -	-
Rated cross section [mm²]	6	-	-	-
Cross section range AWG	24 - 8	24-8	24-8	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm²]	0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
2 conductors (of the same type) [mm²]	0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 2.5
General data				
Stripping length [mm]	10			
Screw thread	M4			
Tightening torque [Nm]	1.5 - 1.8			
Tightening torque for wall fastening [Nm]	0.8 - 1			
Panel thickness [mm]	1 - 4			
Tightening torque: test socket screw [Nm]	-			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**400**	**-**	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
24 / 6	-	-	-
6	-	-	-
-	-	-	-
solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-
-			
-			
-			
-			
-			
-			
PA			
V0			

Ordering data

Description	No. of pos.	Color	Type	I_{max}	Order No.	Pcs./Pkt.
Plug-in test system, 4-pos.		gray	**UTWE 6/3+1**		3069047	5
Plug-in test system, 5-pos.		gray	**UTWE 6/4+1**		3069048	5
Plug-in test system, 5-pos.1)		gray	**UTWE 6/4+1 BI**		3070008	5
Plug-in test system, 6-pos.		gray	**UTWE 6/5+1**		3069049	5
Plug-in test system, 7-pos.		gray	**UTWE 6/6+1**		3069051	5
Plug-in test system, 7-pos.1)		gray	**UTWE 6/6+1 BI**		3069996	5
Plug-in test system, 8-pos.		gray	**UTWE 6/7+1**		3069065	5
Plug-in test system, 9-pos.		gray	**UTWE 6/8+1**		3069064	5
Plug-in test system, 13-pos.		gray	**UTWE 6/12+1**		3069077	5

Ordering data

Type	Order No.	Pcs./Pkt.
FWP 3+1	3069270	5
FWP 4+1	3069271	5
FWP 4+1	3069271	5
FWP 5+1	3069272	5
FWP 6+1	3069284	5
FWP 6+1	3069284	5
FWP 7+1	3069298	5
FWP 8+1	3069297	5
FWP 12+1	3069307	5

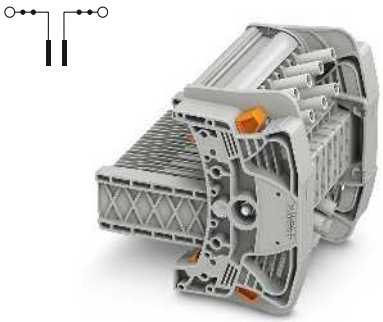
Accessories

Plug-in bridge						
	2	red	**FBS 2-8**	24 A	3030284	10
	3	red	**FBS 3-8**	24 A	3030297	10
	5	red	**FBS 5-8**	24 A	3030310	10
Pre-assembled bridge, labeled						
3-pos., positions 1, 3	3	red	**FBS 1/3-8**	24 A	3032363	10
4-pos., positions 1, 4	4	red	**FBS 1/4-8**	24 A	3032376	10
5-pos., positions 1, 3, 5	5	red	**FBS 1/3/5-8**	24 A	3032389	10
10-pos., positions 1, 4, 7, 10	10	red	**FBS 1/4/7/10-8**	24 A	3032402	10
Test socket, insulated		transparent red blue yellow green violet black gray				
Fork-type cable lug, non-insulated DIN 46234		silver silver				
Fork-type cable lug, insulated, according to UL		red blue				
Screwdriver			**SF-SL 0,8X4,0-100**		1212551	10
Lateral groove marking			**UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)**			

Accessories



24 A, test plug, incl. two test sockets per position



24 A, test plug, compact, incl. two test sockets per position



Blind plug

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**400**	**0.5 - 2.5**	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
24 / 2.5	-	-	-
6	-	-	-
20 - 14	-	-	-

solid	stranded	Ferrule without/with plastic sleeve	
-	0.5 - 2.5	-	-
-	-	-	-
-	-	-	-

-	
-	
-	
-	
-	
0.5 - 0.6	
PA	
V0	

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
FTP 3+1		3069222	1
FTP 4+1		3069223	1
FTP 4+1		3069223	1
FTP 5+1		3069241	1
FTP 6+1		3069239	1
FTP 6+1		3069239	1
FTP 7+1		3069243	1
FTP 8+1		3069242	1
FTP 12+1		3069255	1

Accessories

FBS 2-8	24 A	3030284	10
FBS 3-8	24 A	3030297	10
FBS 5-8	24 A	3030310	10
FBS 1/3-8	24 A	3032363	10
FBS 1/4-8	24 A	3032376	10
FBS 1/3/5-8	24 A	3032389	10
FBS 1/4/7/10-8	24 A	3032402	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 RD		3026719	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
PSBJ-URTK 6 GY		3026612	10
C-FC 1,5/M3		3240137	100
C-FC 2,5/M3		3240142	100
C-FCI 1,5/M3		3240032	100
C-FCI 2,5/M3		3240037	100
SF-SL 0,8X4,0-100		1212551	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**400**	**0.5 - 2.5**	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
24 / 2.5	-	-	-
6	-	-	-
20 - 14	-	-	-

solid	stranded	Ferrule without/with plastic sleeve	
-	0.5 - 2.5	-	-
-	-	-	-
-	-	-	-

-	
-	
-	
-	
-	
0.5 - 0.6	
PA	
V0	

Ordering data

Type	I_{max}	Order No.	Pcs./Pkt.
FTPC 3+1		3069259	1
FTPC 4+1		3069260	1
FTPC 4+1		3069260	1
FTPC 5+1		3069261	1
FTPC 6+1		3069262	1
FTPC 6+1		3069262	1
FTPC 7+1		3069263	1
FTPC 8+1		3069264	1
FTPC 12+1		3069268	1

Accessories

FBS 2-8	24 A	3030284	10
FBS 3-8	24 A	3030297	10
FBS 5-8	24 A	3030310	10
FBS 1/3-8	24 A	3032363	10
FBS 1/4-8	24 A	3032376	10
FBS 1/3/5-8	24 A	3032389	10
FBS 1/4/7/10-8	24 A	3032402	10
PSBJ-URTK 6 FARBLOS		3026450	10
PSBJ-URTK 6 RD		3026719	10
PSBJ-URTK 6 BU		3026434	10
PSBJ-URTK 6 YE		3026405	10
PSBJ-URTK 6 GN		3026418	10
PSBJ-URTK 6 VT		3026421	10
PSBJ-URTK 6 BK		3026447	10
PSBJ-URTK 6 GY		3026612	10
C-FC 1,5/M3		3240137	100
C-FC 2,5/M3		3240142	100
C-FCI 1,5/M3		3240032	100
C-FCI 2,5/M3		3240037	100
SF-SL 0,8X4,0-100		1212551	10

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

Technical data

		max. Ø [mm²]	AWG (UL)
		-	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	-
-	-	-	-
-	-	-	-

solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-

-	
-	
-	
-	
-	
-	
PA	
V0	

Ordering data

Type	Order No.	Pcs./Pkt.
FBP 3+1	3069399	5
FBP 4+1	3069405	5
FBP 4+1	3069405	5
FBP 5+1	3069409	5
FBP 6+1	3069406	5
FBP 6+1	3069406	5
FBP 7+1	3069400	5
FBP 8+1	3069407	5
FBP 12+1	3069408	5

Accessories

UC-TM 8, UCT-TM 8 or ZB 8 (see Catalog 3)

DIN rail adapter





The pre-assembled terminal block bases reduce mounting and storage costs. The right terminal block base is available for every function.

– The DIN rail adapters have a robust metal foot
– Secure connection to the DIN rail by simply screwing tight

Description	Color	Ordering data: Type	Order No.	Pcs./Pkt.
DIN rail adapter	gray	**E-UTWE 6**	3069055	10

Covers



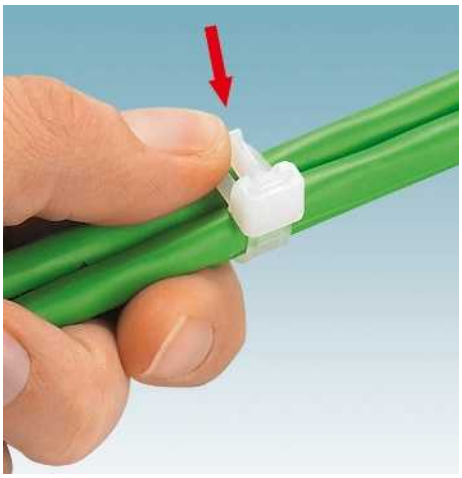


– The AP RSC-T cover profile can be mounted from the inside of the control cabinet using the FAME 1 plug-in test socket
– Terminal block screws are protected against unauthorized operation
– The APH-UTWE 6 cover profile carrier is mounted by simply snapping it onto the plug-in test socket on the right and left-hand side

Description	Color	Ordering data: Type	Order No.	Pcs./Pkt.
Cover profile, supply length 1 m	transparent	**AP RSC-T**	3059139	10
Cover profile carrier, can be snapped into place and sealed	gray			

Ordering data: Type	Order No.	Pcs./Pkt.
APH-UTWE 6	3069056	10

Cable binders for securing test cables





- WT-D HF 7,5x200 removable cable binders can be used to easily secure test cables to an FTP FAME 1 test plug
- The cable binder base is simply unscrewed at the grip. The knurled screw is removed and then secured together with the base

Description	Color	Ordering data: Type	Order No.	Pcs./Pkt.
Cable binder base, for cable binders of up to 9 mm width, screwable, 5 mm fixing hole, dimensions: 14.6 x 22 mm	transparent	**WT-BASE HF 9**	3240704	100
Cable binder, maximum bundle Ø [mm]/minimum tensile strength [N] **50 / 220**	transparent	**WT-D HF 7,5X200**	3240712	100

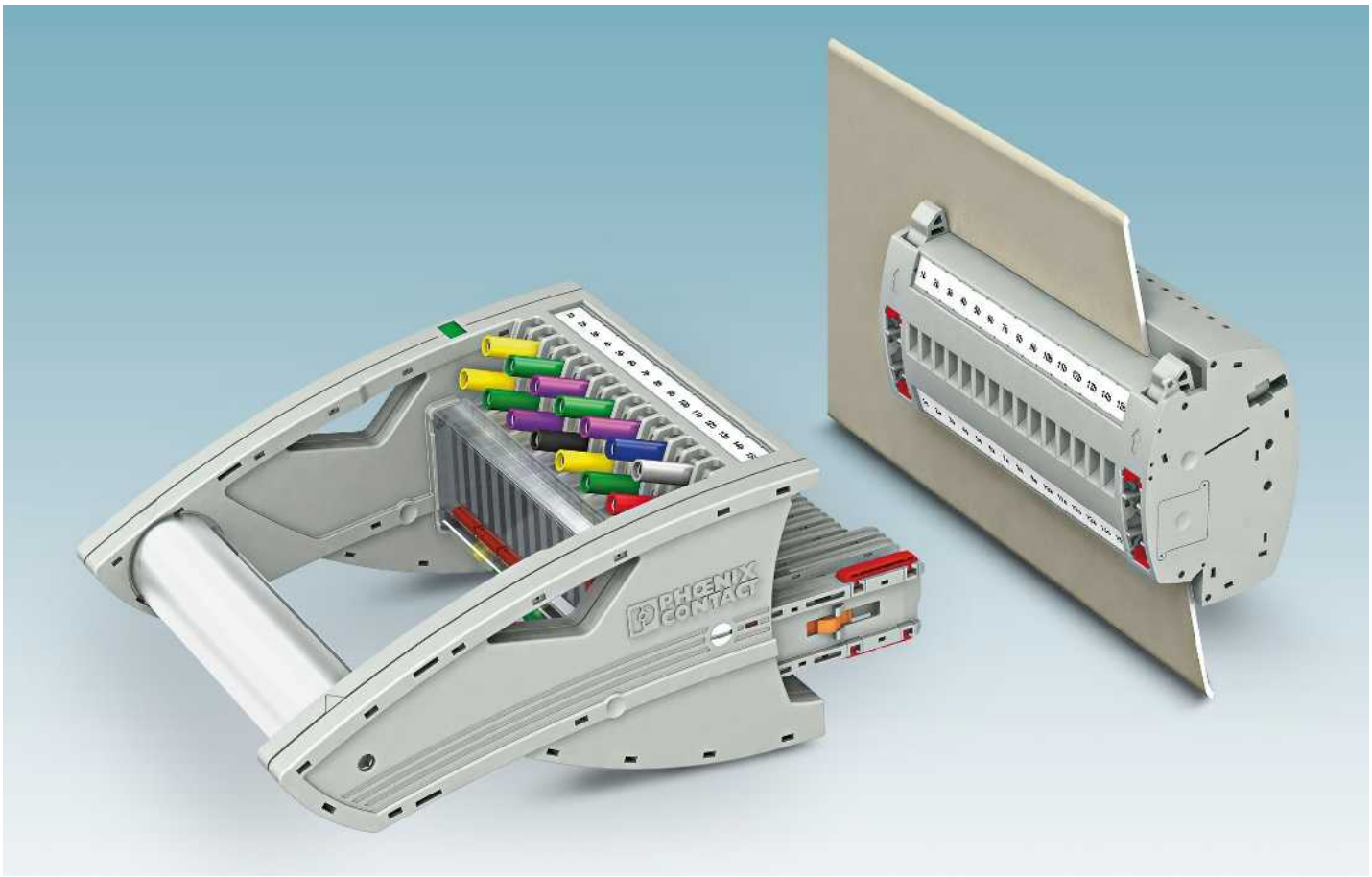
Colored PSBJ ... test sockets





- 4 mm safety test leads with fixed insulation according to EN 61010−031 CAT III and CAT IV up to 1000 V can be coded in true color
- Additional test leads, assembled with ring and fork-type cable lugs (see accessories, e.g., page 602) can be attached with test sockets

Description	Color	Ordering data: Type	Order No.	Pcs./Pkt.
Test socket, insulated	transparent	**PSBJ-URTK 6 FARBLOS**	3026450	10
	red	**PSBJ-URTK 6 RD**	3026719	10
	blue	**PSBJ-URTK 6 BU**	3026434	10
	yellow	**PSBJ-URTK 6 YE**	3026405	10
	green	**PSBJ-URTK 6 GN**	3026418	10
	violet	**PSBJ-URTK 6 VT**	3026421	10
	black	**PSBJ-URTK 6 BK**	3026447	10
	gray	**PSBJ-URTK 6 GY**	3026612	10
	brown	**PSBJ-URTK 6 BN**	3026971	10
	white	**PSBJ-URTK 6 WH**	3026448	10

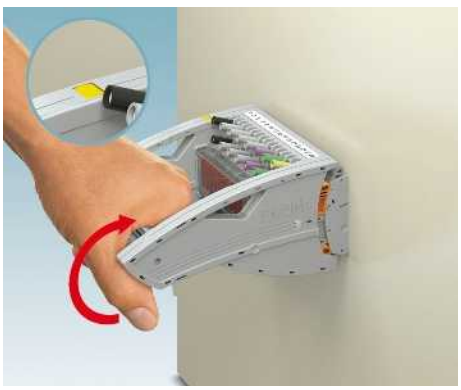


FAME 2, the plug-in test system without operating plug, combines complex switching operations for function tests of current transformers and voltage transducers, as well as tripping and signal contacts, into just one compact and space-saving block. The system operates according to the N/C contact principle. An operating plug is not required. Plug-in bridges in the test plug ensure an automatic transducer short-circuit function.

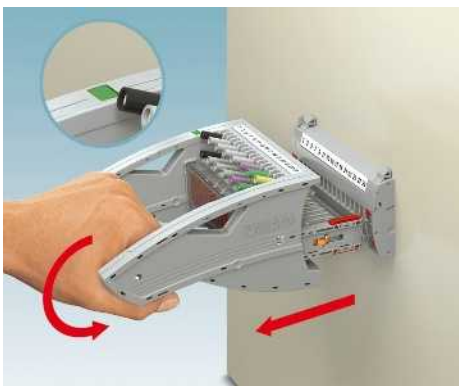
Your web code: #0131



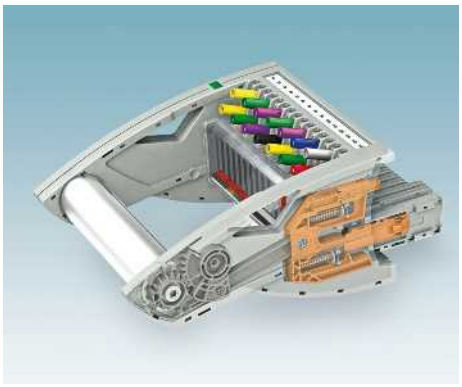
The test plug is completely inserted and engaged, the display window turns red. All test contacts are contacted according to the test setup.



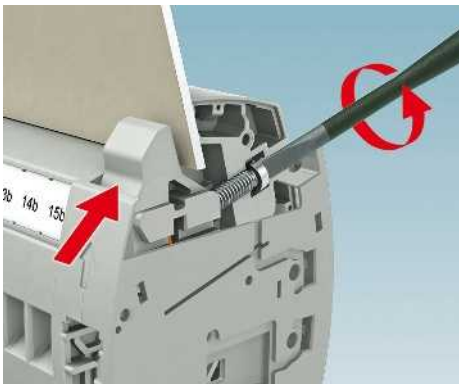
The rotary handle is turned upward as far as it will go, the display window turns yellow. Test contacts with short contact tab lengths (e.g., current transformers) are once again through-connected to the protective device.



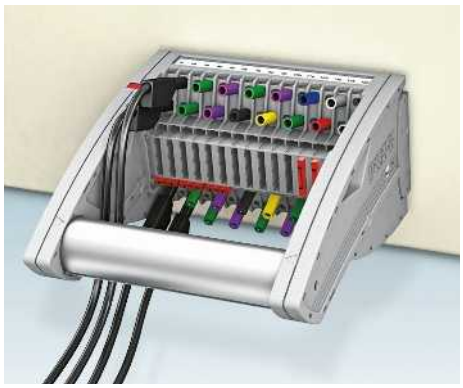
The rotary handle is turned back to its starting position. Now the mechanism releases the plug so it can be fully removed. The display window turns green.



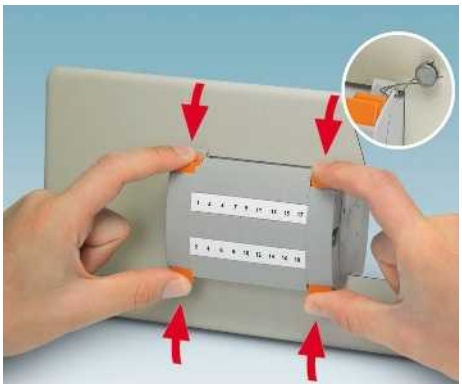
Programmed short-circuit and switching operations depend on consistent insertion and removal of the test plug. Undefined contact states are effectively avoided, thanks to the rotary handle mechanism.



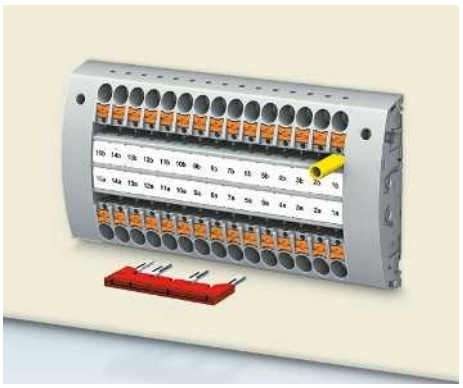
The patented wall fastening is easy to use and has a robust design. Large tolerances in the sheet metal cutout of up to 4 mm are compensated for by the eccentric tappet function.



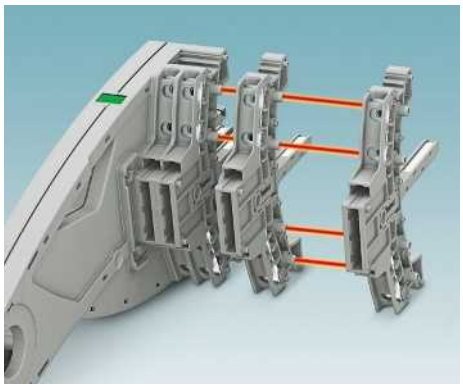
The offset test socket arrangement enables the use of CAT III and CAT IV/1000 V safety test leads according to EN 61010-031 in a confined space.



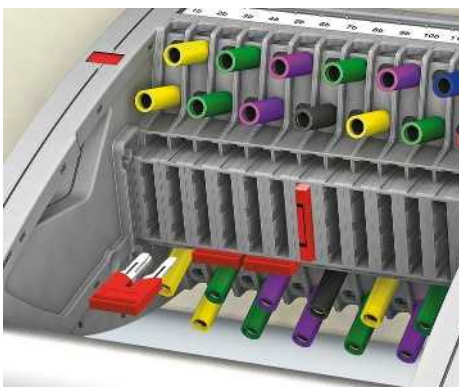
FAME plug-in test sockets have an IP20 design. Blind plugs without switching function can be inserted and secured with seals. These can only be released with two-hand operation.



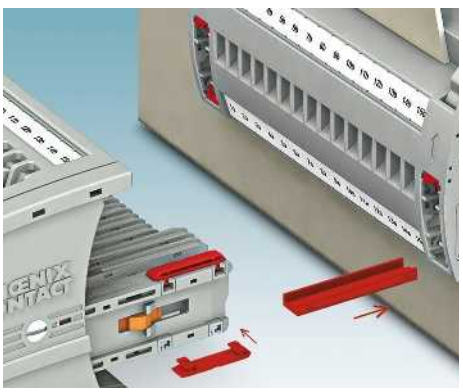
In addition to the two marking grooves, the plug-in test sockets for wall mounting also offer two function shafts, or six function shafts in the case of the DIN rail version, inside the control cabinet for forming and grounding the star point.



The compact and modular design of the system provides an extensive range of options for every application with positions from 4 to 25. This applies to both the plugs and the plug-in test sockets.



The test plug provides three function shafts between the 4 mm test contacts. Horizontally aligned, as leading short-circuit jumper - vertically aligned as through connection in the plug.

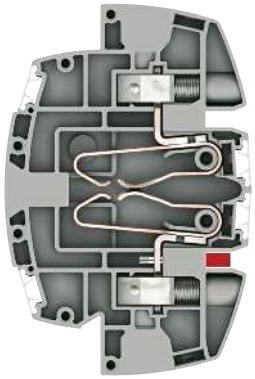


The coding profiles are applied by the user according to their application. VDE-compliant versions are pre-coded on delivery. This ensures maximum safety.



All applications which do not involve testing through the closed door, as well as the open rack mounting, can be implemented with the DIN rail version. Terminal points and plug-in zone can be operated from one direction.

FAME 2
Modular plug-in test system without operating plug and transformer short circuit in the test plug

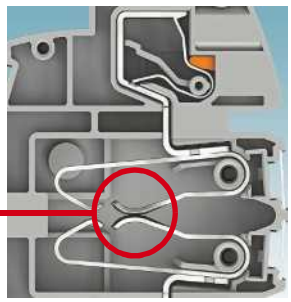


The switch contact in the plug-in test socket is an N/C contact. In normal operation the contact is closed.

Thanks to the FAME 2 system's opening function, additional operating plugs are not required for normal operation.

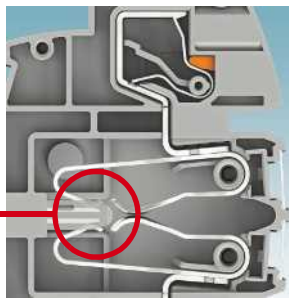
Normal operation

Closed switch contact



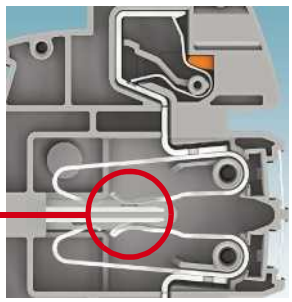
Transformer short circuit

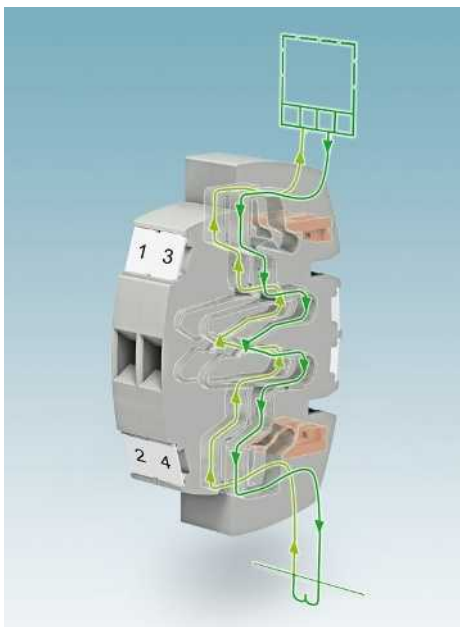
Leading short circuit by means of auxiliary contact

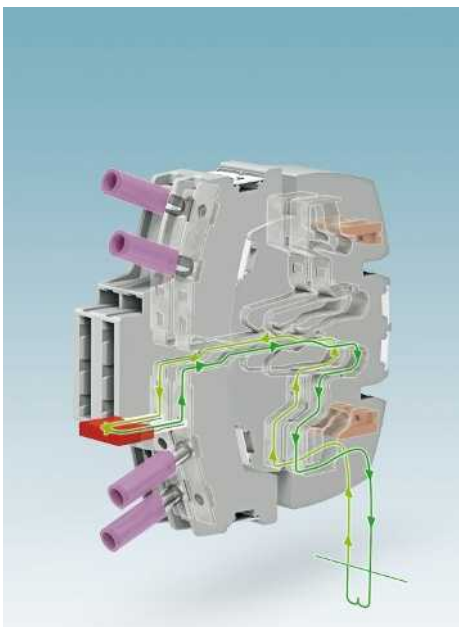


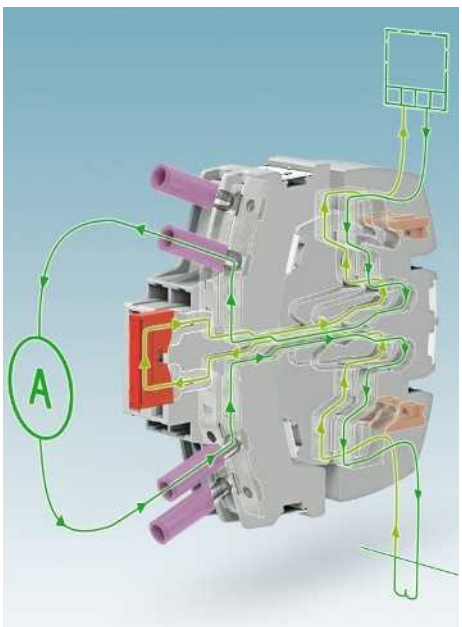
Test operation

N/O contact connected via test socket









Normal operation

Additional operating plugs are not required for normal operation; the measuring transducer operates safely and reliably. If desired, the plug-in zone can be covered and sealed with a blind plug to prevent unauthorized access.

Transformer short circuit

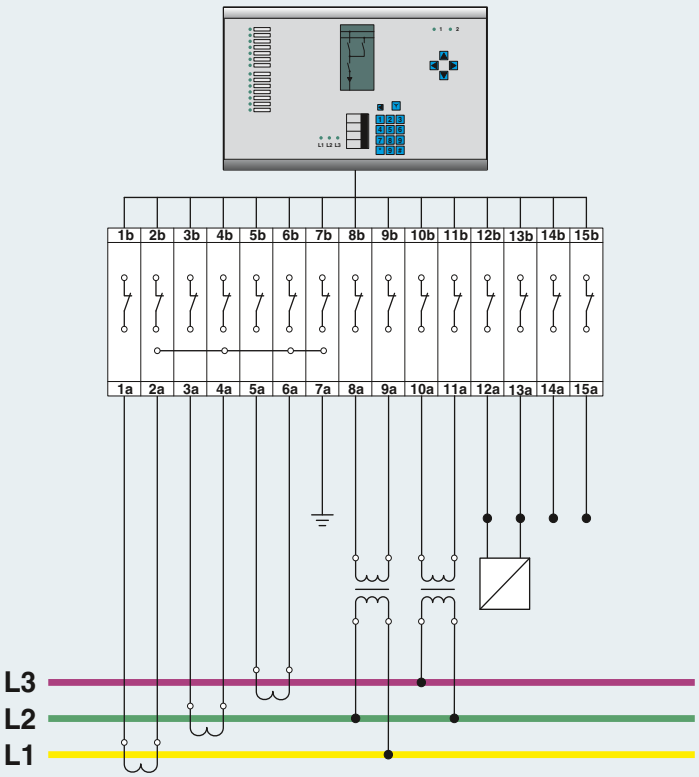
When replacing the protective device or in the case of a relay test, the current transformer can be short circuited upstream of the signal splitting by inserting a plug-in bridge crossways.

Connected measuring transducers are safely protected against damage.

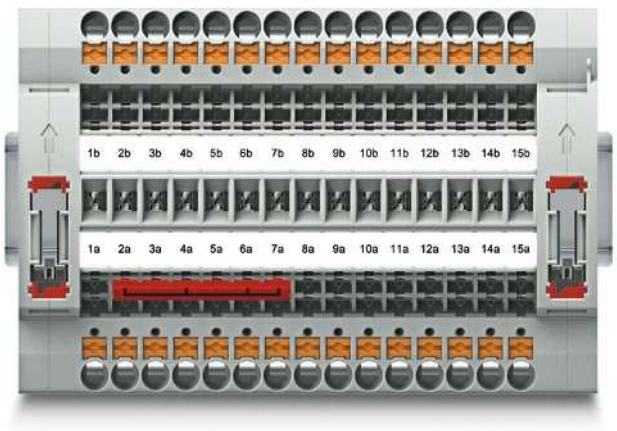
Test operation

With the bridge inserted lengthways in the test plug, test equipment can be looped into the current path via the 4 mm test sockets.

Mains protection – circuit example with star point grounding in the plug-in test socket



Plug-in test socket for DIN rail mounting with current transformer, voltage transducer, and signals



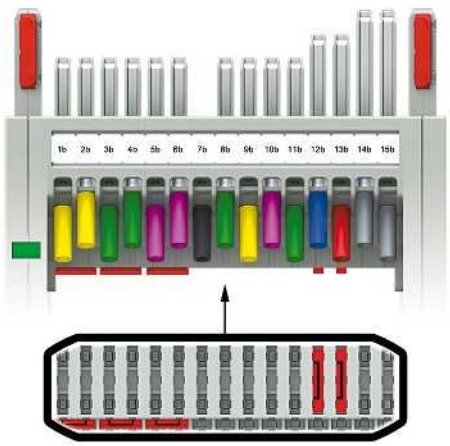
Plug-in test socket, blind plug

Order No.	Type	Required quantity
3069864	PTRE 6-2/15	1
3069886	FBP 2/15	1

Plug-in bridge

3032470	FBS 6-8	1

Test plug with current transformer, voltage transducer, and signals



Test plug

Order No.	Type	Required quantity
3001693	FTPR 2/15	1

Plug-in bridge

3030284	FBS 2-8	3
3032363	FBS 1/3-8	2

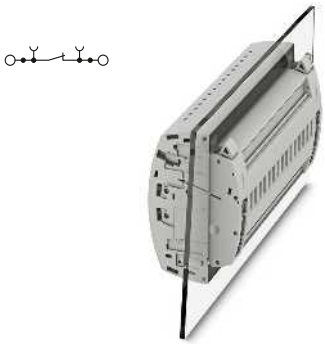
Plug-in test socket, with Push-in connection or screw connection



The modular FAME measuring transducer test system enables all transformer testing tasks to be carried out quickly and safely. The transformer is short-circuited and the test device is looped in automatically when inserted.

- The plug-in test sockets can be used universally for current and voltage transducers
- The plug-in test socket is mounted in the control cabinet door or on the DIN rail
- Signal and status messages can be wired in combination in a plug-in test socket
- The correct switching sequence when removing the test plug is ensured by a locking device and a mechanical drive in the rotary handle
- All test signals are connected with touch-proof safety test cables (CAT III and CAT IV/1000 V according to EN 61010-031)
- All versions listed can be equipped with coding for the matching test plug
- Star points of the current transformers can easily be created with FBS ... plug-in bridges on the rear of the plug-in test socket
- You can find corresponding accessories from page 605

Notes:
To create panel cutouts, see phoenixcontact.net/products.
For further plug-in bridges, see page 606.
1) Derating curve available on request.
2) Test surge voltage 5 kV.



6 (10) mm², 30 A, 4 ... 25-pos. plug-in test socket, for wall mounting, Push-in connection

Technical data

Maximum electrical data				
$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	
30	**400²)**	**0.5 - 10**	**20-8**	
Rated data	IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage [V]	400²)	300	300	-
Nominal current / cross section [A] / [mm²]	24¹) / 6	10	10 / -	-
Rated cross section [mm²]	6	-	-	-
Cross section range AWG	20 - 8	20-8	20-8	-
Connection capacity	solid	stranded	Ferrule without/with plastic sleeve	
1 conductor [mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 conductors (of the same type) [mm²]	-	-	-	-
2 stranded conductors with a TWIN ferrule [mm²]	-	-	-	0.5 - 1.5
Connection cross sections directly plugged in [mm²]	1 - 10	-	1 - 6	1 - 6
General data				
Stripping length [mm]	12			
Screw thread	-			
Tightening torque [Nm]	-			
Tightening torque for wall fastening [Nm]	0.8 - 1			
Panel thickness [mm]	1 - 4			
Insulating material	PA			
Flammability rating according to UL 94	V0			

Ordering data

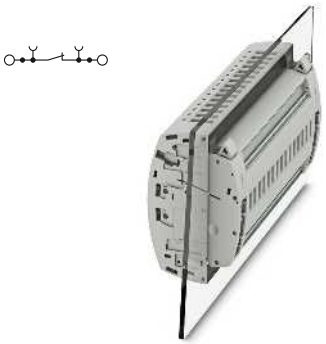
Description	Color	Type	Order No.	Pcs./Pkt.
Plug-in test socket, 4-pos.	gray	**PTWE 6-2/4**	3069827	1
5-pos.	gray	**PTWE 6-2/5**	3069828	1
6-pos.	gray	**PTWE 6-2/6**	3069829	1
7-pos.	gray	**PTWE 6-2/7**	3069830	1
8-pos.	gray	**PTWE 6-2/8**	3069831	1
9-pos.	gray	**PTWE 6-2/9**	3069832	1
10-pos.	gray	**PTWE 6-2/10**	3069833	1
11-pos.	gray	**PTWE 6-2/11**	3069834	1
12-pos.	gray	**PTWE 6-2/12**	3069835	1
13-pos.	gray	**PTWE 6-2/13**	3069836	1
14 pos.	gray	**PTWE 6-2/14**	3069837	1
15-pos.	gray	**PTWE 6-2/15**	3069838	1
16-pos.	gray	**PTWE 6-2/16**	3069839	1
17-pos.	gray	**PTWE 6-2/17**	3069840	1
18-pos.	gray	**PTWE 6-2/18**	3069841	1
19 pos.	gray	**PTWE 6-2/19**	3069842	1
20 pos.	gray	**PTWE 6-2/20**	3069843	1
21 pos.	gray	**PTWE 6-2/21**	3069844	1
22 pos.	gray	**PTWE 6-2/22**	3069845	1
23-pos.	gray	**PTWE 6-2/23**	3069846	1
24-pos.	gray	**PTWE 6-2/24**	3069847	1
25 pos.	gray	**PTWE 6-2/25**	3069848	1

Accessories

Cover profile, supply length 1 m	transparent	**AP RSC-T**	3059139	10
Cover profile holder, can be snapped on and sealed	gray	**APH-UTWE 6-2**	3069057	10
Cover profile, supply length 1 m	transparent			
Cover profile carrier, sealable, for AP-ME cover profile	gray			
Cover profile carrier, for AP-ME	gray			
Screwdriver		**SF-SL 0,8X4,0-100**	1212551	10
Lateral groove marking		**UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)**		



6 (10) mm², 30 A, 4 ... 25-pos. plug-in test socket, for DIN rail mounting, Push-in connection



10 (10) mm², 30 A, 4 ... 25-pos. plug-in test socket, for wall mounting, screw connection



10 (10) mm², 30 A, 4 ... 25-pos. plug-in test socket, for DIN rail mounting, screw connection

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**400²)**	**0.5 - 10**	**20-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400²)	300	300	-
24¹) / 6	10	10 / -	-
6	-	-	-
20 - 8	20-8	20-8	-
solid	stranded	Ferrule without/with plastic sleeve	
0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
-	-	-	-
-	-	-	0.5 - 1.5
1 - 10	-	1 - 6	1 - 6
12			
-			
-			
-			
-			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
PTRE 6-2/4	3069849	1
PTRE 6-2/5	3069850	1
PTRE 6-2/6	3069851	1
PTRE 6-2/7	3069852	1
PTRE 6-2/8	3069853	1
PTRE 6-2/9	3069854	1
PTRE 6-2/10	3069855	1
PTRE 6-2/11	3069860	1
PTRE 6-2/12	3069861	1
PTRE 6-2/13	3069862	1
PTRE 6-2/14	3069863	1
PTRE 6-2/15	3069864	1
PTRE 6-2/16	3069865	1
PTRE 6-2/17	3069866	1
PTRE 6-2/18	3069867	1
PTRE 6-2/19	3069868	1
PTRE 6-2/20	3069869	1
PTRE 6-2/21	3069870	1
PTRE 6-2/22	3069871	1
PTRE 6-2/23	3069872	1
PTRE 6-2/24	3069873	1
PTRE 6-2/25	3069874	1

Accessories

AP-ME	**METER**	3034361	10
APH-ME		3034374	10
APT-ME		3034358	10
SF-SL 0,8X4,0-100		1212551	10

UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**400²)**	**0.2 - 10**	**24-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400²)	300	300	-
24¹) / 6	10	10 / -	-
6	-	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule without/with plastic sleeve	
0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
12			
M4			
1.5 - 1.8			
0.8 - 1			
1 - 4			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
UTWE 6-2/4	3069650	1
UTWE 6-2/5	3069651	1
UTWE 6-2/6	3069652	1
UTWE 6-2/7	3069654	1
UTWE 6-2/8	3069655	1
UTWE 6-2/9	3069656	1
UTWE 6-2/10	3069658	1
UTWE 6-2/11	3069659	1
UTWE 6-2/12	3069660	1
UTWE 6-2/13	3069662	1
UTWE 6-2/14	3069663	1
UTWE 6-2/15	3069664	1
UTWE 6-2/16	3069666	1
UTWE 6-2/17	3069667	1
UTWE 6-2/18	3069668	1
UTWE 6-2/19	3069672	1
UTWE 6-2/20	3069673	1
UTWE 6-2/21	3069800	1
UTWE 6-2/22	3069801	1
UTWE 6-2/23	3069802	1
UTWE 6-2/24	3069803	1
UTWE 6-2/25	3069804	1

Accessories

AP RSC-T		3059139	10
APH-UTWE 6-2		3069057	10
SF-SL 0,8X4,0-100		1212551	10

UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
30	**400²)**	**0.2 - 10**	**24-8**
IEC 60947-7-1			
IEC	UL / CUL	CSA	IEC/ EN 60079-7
400²)	300	300	-
24¹) / 6	10	10 / -	-
6	-	-	-
24 - 8	24-8	24-8	-
solid	stranded	Ferrule without/with plastic sleeve	
0.2 - 10	0.2 - 10	0.25 - 6	0.25 - 6
0.2 - 2.5	0.2 - 2.5	0.25 - 1.5	-
-	-	-	0.5 - 2.5
-	-	-	-
10			
M4			
1.5 - 1.8			
-			
-			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
UTRE 6-2/4	3069805	1
UTRE 6-2/5	3069806	1
UTRE 6-2/6	3069807	1
UTRE 6-2/7	3069808	1
UTRE 6-2/8	3069809	1
UTRE 6-2/9	3069810	1
UTRE 6-2/10	3069811	1
UTRE 6-2/11	3069812	1
UTRE 6-2/12	3069813	1
UTRE 6-2/13	3069814	1
UTRE 6-2/14	3069815	1
UTRE 6-2/15	3069816	1
UTRE 6-2/16	3069817	1
UTRE 6-2/17	3069818	1
UTRE 6-2/18	3069819	1
UTRE 6-2/19	3069820	1
UTRE 6-2/20	3069821	1
UTRE 6-2/21	3069822	1
UTRE 6-2/22	3069823	1
UTRE 6-2/23	3069824	1
UTRE 6-2/24	3069825	1
UTRE 6-2/25	3069826	1

Accessories

AP-ME	**METER**	3034361	10
APH-ME		3034374	10
APT-ME		3034358	10
SF-SL 0,8X4,0-100		1212551	10

UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

Test plug, multi-position, freely-configurable contact tabs FTPR ... and FTP ...

– The test plugs can be easily configured and ordered with just a click of the mouse in the product area on our website at www.phoenixcontact.net/products
– To order via fax or e-mail, please use the ordering data as shown in the ordering example on the following page



24 A, test plug with twist grip, 4 mm test sockets



24 A, test plug without twist grip, 4 mm test socket

Technical data

Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**400**	**0.5 - 2.5**	**-**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	-	-	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	20 - 14	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	-	0.5 - 2.5	-	-
General data					
Tightening torque: test socket screw	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**400**	**0.5 - 2.5**	**-**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	-	-	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	20 - 14	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	-	0.5 - 2.5	-	-
General data					
Tightening torque: test socket screw	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Test plug	gray	**FTPR-2/4**	3001681	1
5-pos.	gray	**FTPR-2/5**	3001683	1
6-pos.	gray	**FTPR-2/6**	3001684	1
7-pos.	gray	**FTPR-2/7**	3001685	1
8-pos.	gray	**FTPR-2/8**	3001686	1
9-pos.	gray	**FTPR-2/9**	3001687	1
10-pos.	gray	**FTPR-2/10**	3001688	1
11-pos.	gray	**FTPR-2/11**	3001689	1
12-pos.	gray	**FTPR-2/12**	3001690	1
13-pos.	gray	**FTPR-2/13**	3001691	1
14 pos.	gray	**FTPR-2/14**	3001692	1
15-pos.	gray	**FTPR-2/15**	3001693	1
16-pos.	gray	**FTPR-2/16**	3001694	1
17-pos.	gray	**FTPR-2/17**	3001696	1
18-pos.	gray	**FTPR-2/18**	3001697	1
19 pos.	gray	**FTPR-2/19**	3001698	1
20 pos.	gray	**FTPR-2/20**	3001699	1
21 pos.	gray	**FTPR-2/21**	3001700	1
22 pos.	gray	**FTPR-2/22**	3001701	1
23-pos.	gray	**FTPR-2/23**	3001702	1
24-pos.	gray	**FTPR-2/24**	3001703	1
25 pos.	gray	**FTPR-2/25**	3001704	1

Ordering data

Type	Order No.	Pcs./Pkt.
FTP-2/4	3001706	1
FTP-2/5	3001707	1
FTP-2/6	3001708	1
FTP-2/7	3001709	1
FTP-2/8	3001710	1
FTP-2/9	3001711	1
FTP-2/10	3001712	1
FTP-2/11	3001713	1
FTP-2/12	3001714	1
FTP-2/13	3001715	1
FTP-2/14	3001716	1
FTP-2/15	3001717	1
FTP-2/16	3001719	1
FTP-2/17	3001720	1
FTP-2/18	3001722	1
FTP-2/19	3001723	1
FTP-2/20	3001724	1
FTP-2/21	3001725	1
FTP-2/22	3001726	1
FTP-2/23	3001727	1
FTP-2/24	3001728	1
FTP-2/25	3001729	1

Accessories

Fork-type cable lug, insulated, according to UL	red	**C-FCI 1,5/M3**	3240032	100
	blue	**C-FCI 2,5/M3**	3240037	100
Ring cable lug, insulated, according to UL	red	**C-RCI 1,5/M3**	3240016	100
	blue	**C-RCI 2,5/M3**	3240021	100
Marking		**UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)**		

Accessories

C-FCI 1,5/M3	3240032	100
C-FCI 2,5/M3	3240037	100
C-RCI 1,5/M3	3240016	100
C-RCI 2,5/M3	3240021	100
UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)		

Ordering example: configurable test plug with twist grip function

To ensure that your order is correct, you need a defined view of how everything is counted.
This is achieved when the status window in the top view is located on the left-hand side.
Position 1 is then on the left.
Each position of a test plug is described by a contact tab feature that is selected.
The following features are possible:

S	Short contact tab, gray
M	Medium contact tab, gray
L	Long contact tab, gray
LGN	Long contact tab, green
N	No contact tab, gray

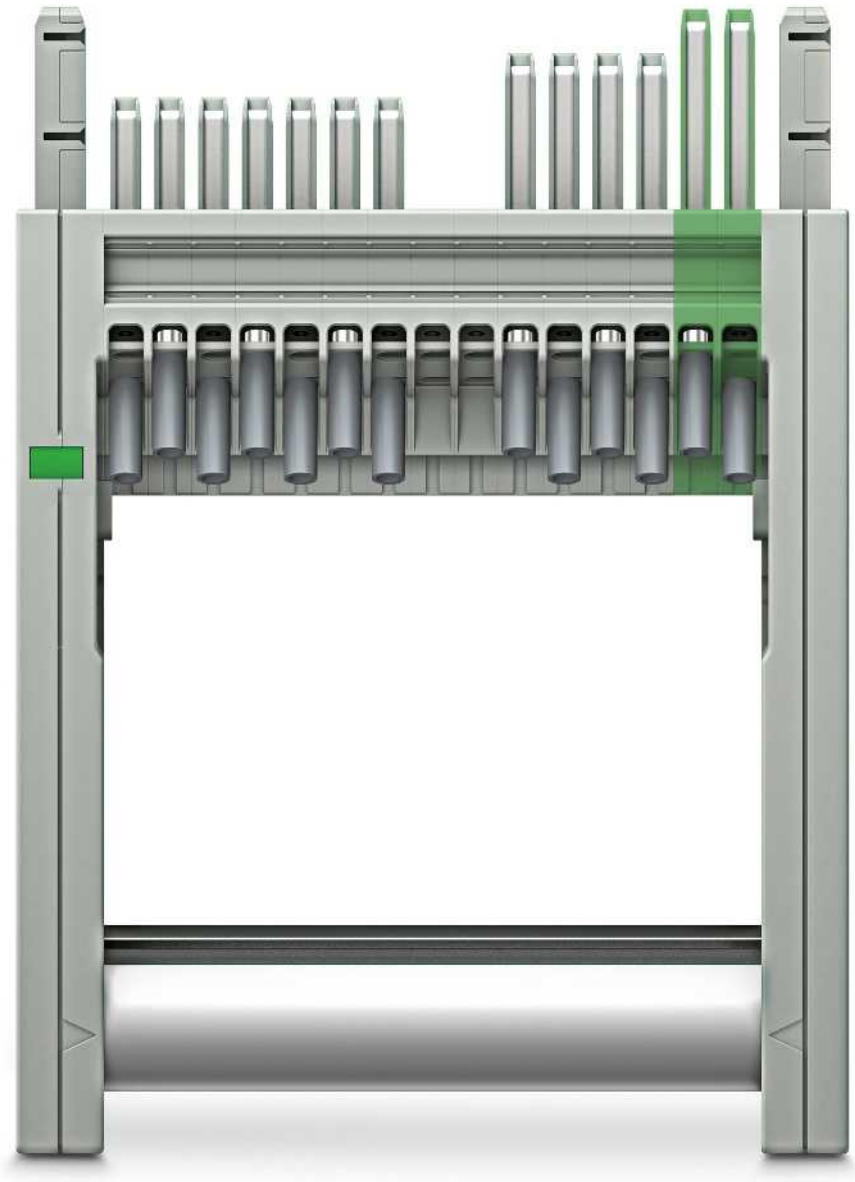
Each position with a contact tab comes fitted with two gray test sockets.

Ordering example:
A 15-pos. test plug with twist grip needs to be configured as follows:

Pos. 1 Short contact tab, gray
Pos. 2 Short contact tab, gray
Pos. 3 Short contact tab, gray
Pos. 4 Short contact tab, gray
Pos. 5 Short contact tab, gray
Pos. 6 Short contact tab, gray
Pos. 7 Short contact tab, gray
Pos. 8 No contact tab, gray
Pos. 9 No contact tab, gray
Pos. 10 Medium contact tab, gray
Pos. 11 Medium contact tab, gray
Pos. 12 Medium contact tab, gray
Pos. 13 Medium contact tab, gray
Pos. 14 Long contact tab, green
Pos. 15 Long contact tab, green

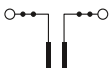
The ordering data for this ordering example is therefore:

Order No.	Pos. 1	Pos. 2	Pos. 3	Pos. 4	Pos. 5	Pos. 6	Pos. 7	Pos. 8	Pos. 9	Pos. 10	Pos. 11	Pos. 12	Pos. 13	Pos. 14	Pos. 15
3001693	S	S	S	S	S	S	S	N	N	M	M	M	M	LGN	LGN



Service test plug, FBP-2/... blind plugs

- The service test plug is available in 1-pos. and 4-pos. versions without side flanges
- Free positioning on the plug-in test socket for special measuring tasks
- Additional assembly with bridges and test sockets
- During normal operation, the blind plug acts as a protective cover for the plug-in test socket and can be optionally sealed





Service test plug 1- ... 4-pos.



Blind plug 4 ... 25-pos.

Technical data

Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		24	**400**	**0.5 - 2.5**	**-**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-
Nominal current / cross section	[A] / [mm²]	24 / 2.5	-	-	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	20 - 14	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	-	0.5 - 2.5	-	-
General data					
Tightening torque: test socket screw	[Nm]	0.5 - 0.6			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

			max. Ø [mm²]	AWG (UL)
			-	**-**
IEC	UL / CUL	CSA	IEC/ EN 60079-7	
-	-	-	-	
- / -	-	-	-	
-	-	-	-	
-	-	-	-	
solid	stranded	Ferrule without/with plastic sleeve		
-	-	-	-	
-				
PA				
V0				

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Service test plug, 1-pos., with test sockets	red	**FTP-2/1 SERVICE**	3069469	1
2-pos., without test sockets	red	**FTP-2/2 SERVICE**	3069464	1
3-pos., without test sockets	red	**FTP-2/3 SERVICE**	3069465	1
4-pos., without test sockets	red	**FTP-2/4 SERVICE**	3069468	1
Blind plug, 4-pos.	gray			
5-pos.	gray			
6-pos.	gray			
7-pos.	gray			
8-pos.	gray			
9-pos.	gray			
10-pos.	gray			
11-pos.	gray			
12-pos.	gray			
13-pos.	gray			
14 pos.	gray			
15-pos.	gray			
16-pos.	gray			
17-pos.	gray			
18-pos.	gray			
19 pos.	gray			
20 pos.	gray			
21 pos.	gray			
22 pos.	gray			
23-pos.	gray			
24-pos.	gray			
25 pos.	gray			
Isolating plug, 1-pos.	green	**FIP-3/1 SERVICE**	3069921	1

Ordering data

Type	Order No.	Pcs./Pkt.
FBP-2/4	3069875	1
FBP-2/5	3069876	1
FBP-2/6	3069877	1
FBP-2/7	3069878	1
FBP-2/8	3069879	1
FBP-2/9	3069880	1
FBP-2/10	3069881	1
FBP-2/11	3069882	1
FBP-2/12	3069883	1
FBP-2/13	3069884	1
FBP-2/14	3069885	1
FBP-2/15	3069886	1
FBP-2/16	3069887	1
FBP-2/17	3069888	1
FBP-2/18	3069889	1
FBP-2/19	3069890	1
FBP-2/20	3069891	1
FBP-2/21	3069892	1
FBP-2/22	3069893	1
FBP-2/23	3069894	1
FBP-2/24	3069895	1
FBP-2/25	3069896	1

Accessories

Lateral groove marking

Accessories

UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

PC...-TRI coding profile set





- The coding profile set can be used to assign plug-in test sockets and test plugs according to the specific application
- Maximum safety is therefore ensured for all testing tasks

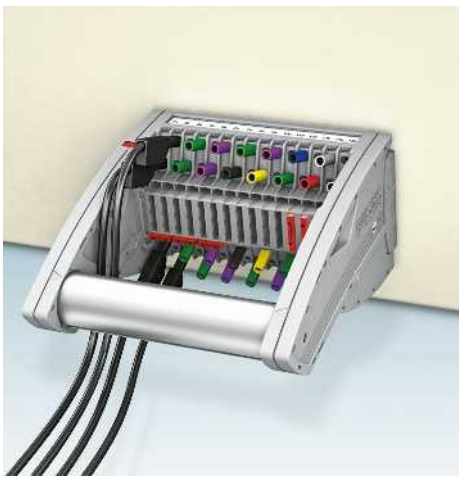
Technical data

General data	
Material	PA
Flammability rating according to UL 94	V0

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Coding profile set, for plug-in test socket	red	**PC-UTWE-TRI**	3069897	50
Coding profile set, for FTP-2 and FTPR-2 test plugs and FBP-2 blind plugs	red	**PC-FTP-TRI**	3069898	50

Colored PSBJ ... test sockets



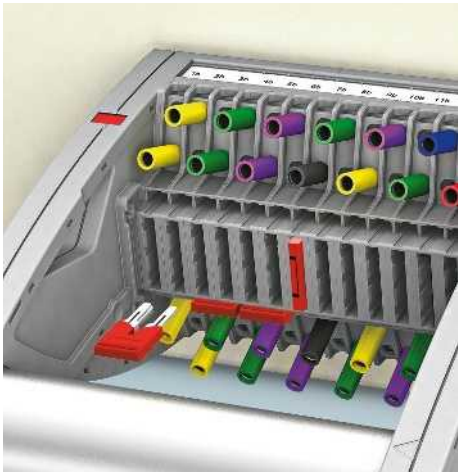


- 4 mm safety test leads with fixed insulation according to EN 61010−031 CAT III and CAT IV up to 1000 V can be coded in true color
- Additional test leads, assembled with ring and fork-type cable lugs (see accessories, e.g., page 602) can be attached with test sockets

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Test socket, insulated				
	transparent	**PSBJ-URTK 6 FARBLOS**	3026450	10
	red	**PSBJ-URTK 6 RD**	3026719	10
	blue	**PSBJ-URTK 6 BU**	3026434	10
	yellow	**PSBJ-URTK 6 YE**	3026405	10
	green	**PSBJ-URTK 6 GN**	3026418	10
	violet	**PSBJ-URTK 6 VT**	3026421	10
	black	**PSBJ-URTK 6 BK**	3026447	10
	gray	**PSBJ-URTK 6 GY**	3026612	10
	brown	**PSBJ-URTK 6 BN**	3026971	10
	white	**PSBJ-URTK 6 WH**	3026448	10

Plug-in bridge red, 8.2 mm pitch, FBS ...





– The FBS ...-8 plug-in bridges are used for short-circuiting, as star-point bridges, and also to establish grounding in connection with a PE terminal block on the terminal strip

When using bridges in conjunction with the FAME plug-in test system, the maximum permissible bridge current is 24 A.

Description	Ordering data		
	Type	Order No.	Pcs./Pkt.
Plug-in bridge			
2-pos.	**FBS 2-8**	3030284	10
3-pos.	**FBS 3-8**	3030297	10
4-pos.	**FBS 4-8**	3030307	10
5-pos.	**FBS 5-8**	3030310	10
6-pos.	**FBS 6-8**	3032470	10
10-pos.	**FBS 10-8**	3030323	10

Plug-in bridge with and without extraction tool, red, 8.2 mm pitch, FBSRH ...

– The FBSRH ...-8 bridges have a molded extraction tool which means that they can be used conveniently and without tools for individual bridging tasks. This enables a transformer short circuit to be created in measuring transducer disconnect terminal blocks, for example

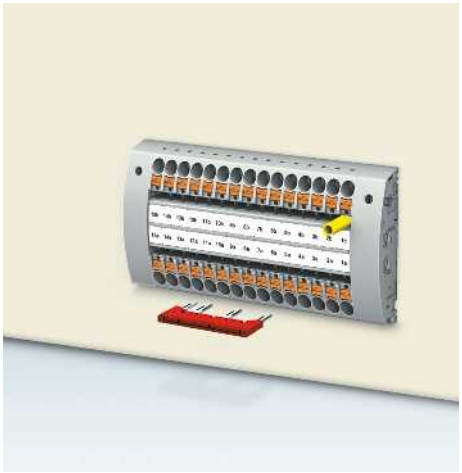
When using bridges in conjunction with the FAME plug-in test system, the maximum permissible bridge current is 24 A.



Plug-in bridge, with and without extraction tool

Description	Ordering data		
	Type	Order No.	Pcs./Pkt.
Plug-in bridge with extraction tool			
2-pos.	**FBSRH 2-8**	3033802	10
3-pos.	**FBSRH 3-8**	3033803	10
4-pos.	**FBSRH 4-8**	3033804	10
Plug-in bridge			
2-pos.	**FBSR 2-8**	3033808	10
3-pos.	**FBSR 3-8**	3001597	10
4-pos.	**FBSR 4-8**	3000585	10
5-pos.	**FBSR 5-8**	3033809	10
10-pos.	**FBSR 10-8**	3001599	10
16-pos.	**FBSR 16-8**	3033816	10

Pre-assembled bridge, red, 8.2 mm pitch



– Plug-in star-point bridges or bridges for bridging several positions can be supplied pre-configured without additional expense
– The bridges are printed and provide unique identification for bridging between non-adjacent terminal blocks

When using bridges in conjunction with the FAME plug-in test system, the maximum permissible bridge current is 24 A.



Ordering data

Description	Type	Order No.	Pcs./Pkt.
Pre-assembled bridge, labeled			
3-pos., positions 1, 3	**FBS 1/3-8**	3032363	10
4-pos., positions 1, 4	**FBS 1/4-8**	3032376	10
5-pos., positions 1, 3, 5	**FBS 1/3/5-8**	3032389	10
10-pos., positions 1, 4, 7, 10	**FBS 1/4/7/10-8**	3032402	10

Cover profiles for test plug or plug-in test socket mounted on DIN rail



– The AP−FTP cover profile prevents undesired changes to the star point, feed-through, and short-circuit jumpers on the completely assembled test plug
– To mount, gently release the side screw connection of the plug and snap the profile into place
– The APH−ME cover profile carrier is used in conjunction with the AP−ME cover for the DIN rail mounted plug-in test socket



Technical data

General data	
Material	PVC

Ordering data

Description	Color	Type		Order No.	Pcs./Pkt.
Cover profile, supply length 1 m	transparent	**AP-FTP**	**METER**	3069899	1
Cover profile, supply length 1 m	transparent	**AP-ME**	**METER**	3034361	10
Cover profile, supply length 1 m	transparent	**AP RSC-T**		3059139	10
Cover profile carrier, sealable, for AP-ME cover profile	gray	**APH-ME**		3034374	10
Cover profile holder, can be snapped on and sealed	gray	**APH-UTWE 6-2**		3069057	10

Plug-in test sockets and test plugs, VDE-coded

Notes:
To create panel cutouts, see phoenixcontact.net/products.
For circuit diagrams of the test plugs, visit phoenixcontact.net/products.
1) Derating curve available on request.
2) Test surge voltage 5 kV.



6 (10) mm², 30 A, plug-in test socket, for wall mounting, VDE-coded



6 (10) mm², 30 A, plug-in test socket, for DIN rail mounting, VDE-coded

Technical data

Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**400²)**	**0.5 - 10**	**20-8**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400²)	300	300	-
Nominal current / cross section	[A] / [mm²]	24¹) / 6	10	10 / -	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	20 - 8	20-8	20-8	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Connection cross sections directly plugged in	[mm²]	1 - 10	-	1 - 6	1 - 6
General data					
Stripping length	[mm]	12			
Tightening torque for wall fastening	[Nm]	0.8 - 1			
Panel thickness	[mm]	1 - 4			
Tightening torque: test socket screw	[Nm]	-			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Technical data

Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**400²)**	**0.5 - 10**	**20-8**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400²)	300	300	-
Nominal current / cross section	[A] / [mm²]	24¹) / 6	10	10 / -	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	20 - 8	20-8	20-8	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.5 - 10	0.5 - 6	0.5 - 6	0.5 - 6
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	0.5 - 1.5
Connection cross sections directly plugged in	[mm²]	1 - 10	-	1 - 6	1 - 6
General data					
Stripping length	[mm]	12			
Tightening torque for wall fastening	[Nm]	-			
Panel thickness	[mm]	-			
Tightening torque: test socket screw	[Nm]	-			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

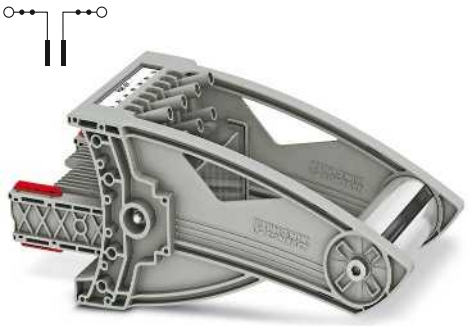
Description	Color	Type	Order No.	Pcs./Pkt.
Push-in connection, A7	gray	**PTWE 6-2/A7**	3069436	1
B7	gray	**PTWE 6-2/B7**	3069437	1
E7	gray	**PTWE 6-2/E7**	3069438	1
A14	gray	**PTWE 6-2/A14**	3069439	1
B14	gray	**PTWE 6-2/B14**	3069440	1
C14	gray	**PTWE 6-2/C14**	3069441	1
B19	gray	**PTWE 6-2/B19**	3069442	1
C19	gray	**PTWE 6-2/C19**	3069443	1
D19	gray	**PTWE 6-2/D19**	3069444	1
F19	gray	**PTWE 6-2/F19**	3069445	1
G19	gray	**PTWE 6-2/G19**	3069446	1
H19	gray	**PTWE 6-2/H19**	3069447	1
I19	gray	**PTWE 6-2/I19**	3069448	1
Screw connection, A7	gray	**UTWE 6-2/A7**	3069410	1
B7	gray	**UTWE 6-2/B7**	3069411	1
E7	gray	**UTWE 6-2/E7**	3069412	1
A14	gray	**UTWE 6-2/A14**	3069413	1
B14	gray	**UTWE 6-2/B14**	3069414	1
C14	gray	**UTWE 6-2/C14**	3069415	1
B19	gray	**UTWE 6-2/B19**	3069416	1
C19	gray	**UTWE 6-2/C19**	3069417	1
D19	gray	**UTWE 6-2/D19**	3069418	1
F19	gray	**UTWE 6-2/F19**	3069419	1
G19	gray	**UTWE 6-2/G19**	3069420	1
H19	gray	**UTWE 6-2/H19**	3069421	1
I19	gray	**UTWE 6-2/I19**	3069422	1
Service test plug, 1-pos., with test sockets	red			

Ordering data

Type	Order No.	Pcs./Pkt.
PTRE 6-2/A7	3069449	1
PTRE 6-2/B7	3069450	1
PTRE 6-2/E7	3069451	1
PTRE 6-2/A14	3069452	1
PTRE 6-2/B14	3069453	1
PTRE 6-2/C14	3069454	1
PTRE 6-2/B19	3069455	1
PTRE 6-2/C19	3069456	1
PTRE 6-2/D19	3069457	1
PTRE 6-2/F19	3069458	1
PTRE 6-2/G19	3069459	1
PTRE 6-2/H19	3069460	1
PTRE 6-2/I19	3069461	1
UTRE 6-2/A7	3069423	1
UTRE 6-2/B7	3069424	1
UTRE 6-2/E7	3069425	1
UTRE 6-2/A14	3069426	1
UTRE 6-2/B14	3069427	1
UTRE 6-2/C14	3069428	1
UTRE 6-2/B19	3069429	1
UTRE 6-2/C19	3069430	1
UTRE 6-2/D19	3069431	1
UTRE 6-2/F19	3069432	1
UTRE 6-2/G19	3069433	1
UTRE 6-2/H19	3069434	1
UTRE 6-2/I19	3069435	1



24 A, test plug, with rotary handle, VDE-coded



24 A, test plug, with standard handle, VDE-coded



Blind plug, sealable, VDE-coded

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**400**	**0.5 - 2.5**	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
24 / 2.5	-	-	-
6	-	-	-
20 - 14	-	-	-

solid	stranded	Ferrule without/with plastic sleeve	
-	0.5 - 2.5	-	-
-	-	-	-
-	-	-	-

-	
-	
-	
0.5 - 0.6	
PA	
V0	

Ordering data

Type	Order No.	Pcs./Pkt.
FTPR-2/A7	3069484	1
FTPR-2/B7	3069485	1
FTPR-2/E7	3069486	1
FTPR-2/A14	3069487	1
FTPR-2/B14	3069488	1
FTPR-2/C14	3069489	1
FTPR-2/B19	3069490	1
FTPR-2/C19	3069491	1
FTPR-2/D19	3069492	1
FTPR-2/F19	3069493	1
FTPR-2/G19	3069494	1
FTPR-2/H19	3069495	1
FTPR-2/I19	3069496	1
FTPR-2/A7	3069484	1
FTPR-2/B7	3069485	1
FTPR-2/E7	3069486	1
FTPR-2/A14	3069487	1
FTPR-2/B14	3069488	1
FTPR-2/C14	3069489	1
FTPR-2/B19	3069490	1
FTPR-2/C19	3069491	1
FTPR-2/D19	3069492	1
FTPR-2/F19	3069493	1
FTPR-2/G19	3069494	1
FTPR-2/H19	3069495	1
FTPR-2/I19	3069496	1

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
24	**400**	**0.5 - 2.5**	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
24 / 2.5	-	-	-
6	-	-	-
20 - 14	-	-	-

solid	stranded	Ferrule without/with plastic sleeve	
-	0.5 - 2.5	-	-
-	-	-	-
-	-	-	-

-	
-	
-	
0.5 - 0.6	
PA	
V0	

Ordering data

Type	Order No.	Pcs./Pkt.
FTP-2/A7	3069470	1
FTP-2/B7	3069471	1
FTP-2/E7	3069472	1
FTP-2/A14	3069474	1
FTP-2/B14	3069475	1
FTP-2/C14	3069476	1
FTP-2/B19	3069477	1
FTP-2/C19	3069478	1
FTP-2/D19	3069479	1
FTP-2/F19	3069480	1
FTP-2/G19	3069481	1
FTP-2/H19	3069482	1
FTP-2/I19	3069483	1
FTP-2/A7	3069470	1
FTP-2/B7	3069471	1
FTP-2/E7	3069472	1
FTP-2/A14	3069474	1
FTP-2/B14	3069475	1
FTP-2/C14	3069476	1
FTP-2/B19	3069477	1
FTP-2/C19	3069478	1
FTP-2/D19	3069479	1
FTP-2/F19	3069480	1
FTP-2/G19	3069481	1
FTP-2/H19	3069482	1
FTP-2/I19	3069483	1
FTP-2/1 SERVICE	3069469	1

Technical data

		max. Ø [mm²]	AWG (UL)
		-	**-**

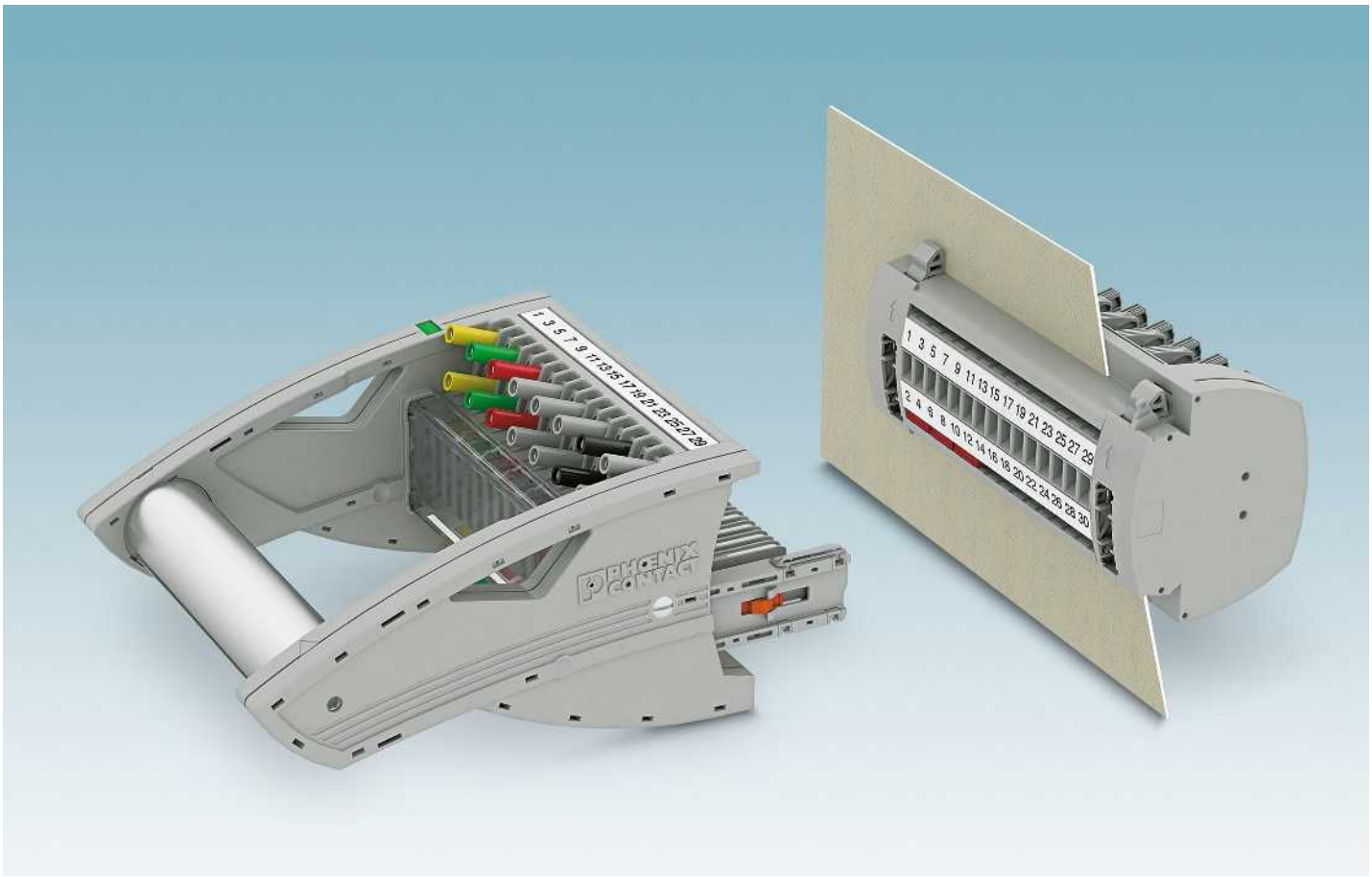
IEC	UL / CUL	CSA	IEC/ EN 60079-7
-	-	-	-
- / -	-	-	-
-	-	-	-
-	-	-	-

solid	stranded	Ferrule without/with plastic sleeve	
-	-	-	-
-	-	-	-
-	-	-	-

-	
-	
-	
-	
PA	
V0	

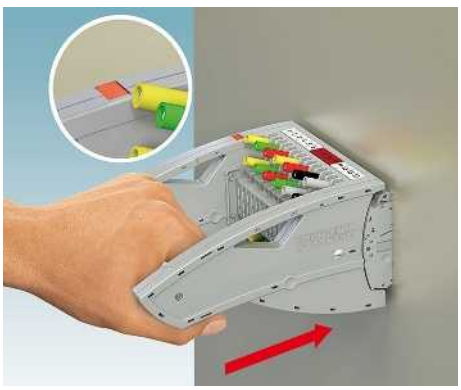
Ordering data

Type	Order No.	Pcs./Pkt.
FBP-2/A7	3069497	1
FBP-2/B7	3069498	1
FBP-2/E7	3069499	1
FBP-2/A14	3069500	1
FBP-2/B14	3069501	1
FBP-2/C14	3069502	1
FBP-2/B19	3069503	1
FBP-2/C19	3069504	1
FBP-2/D19	3069671	1
FBP-2/F19	3069675	1
FBP-2/G19	3069676	1
FBP-2/H19	3069677	1
FBP-2/I19	3069678	1
FBP-2/A7	3069497	1
FBP-2/B7	3069498	1
FBP-2/E7	3069499	1
FBP-2/A14	3069500	1
FBP-2/B14	3069501	1
FBP-2/C14	3069502	1
FBP-2/B19	3069503	1
FBP-2/C19	3069504	1
FBP-2/D19	3069671	1
FBP-2/F19	3069675	1
FBP-2/G19	3069676	1
FBP-2/H19	3069677	1
FBP-2/I19	3069678	1

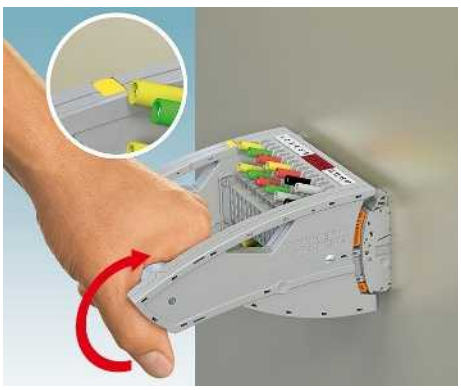


FAME 3 combines complex switching operations for function tests of current and voltage transformers, as well as tripping and signal contacts, in separate compact and space-saving blocks. The system operates in accordance with the N/C contact principle. An operating plug is not required. The automatic transformer short circuit function is ensured with plug-in bridges in the plug-in test socket.

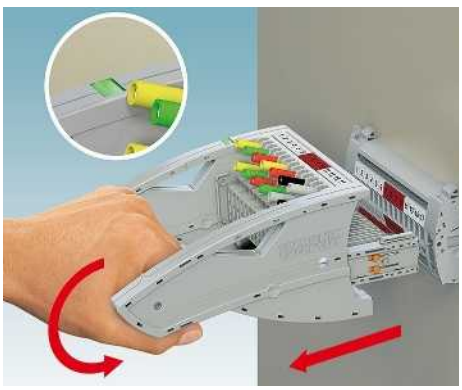
Your web code: #0131



The test plug is inserted fully and engages securely. The display window turns red. All test contacts are contacted according to the test setup.



The rotary handle is turned upward as far as it will go. The display window turns yellow. The test contacts are once again through-connected to the protective device.



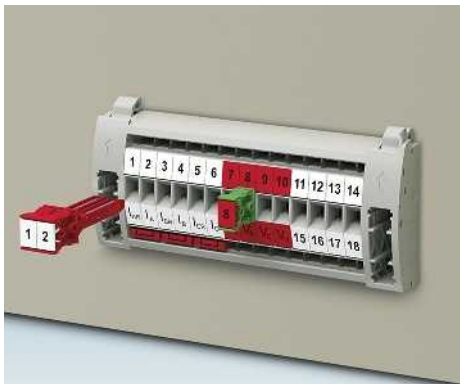
The rotary handle must be turned back to its starting position. The display window turns green. Now the mechanism releases the plug so it can be fully removed.



Defined, mechanically supported removal of the patented test plug from the test block. Optical display and forced locking in the various switch positions.



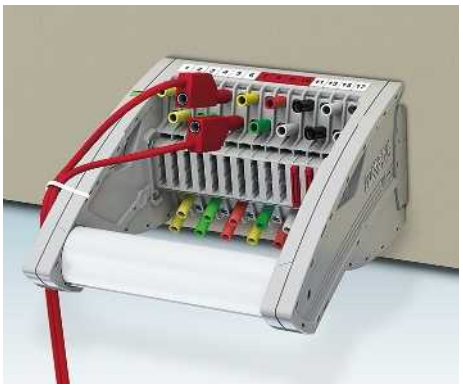
Automatic, leading transformer short circuit implemented with standard plug-in bridges in the plug-in test socket. Short-circuit jumpers are designed to be touch-proof. Their positioning on the outside of the control cabinet is clearly visible.



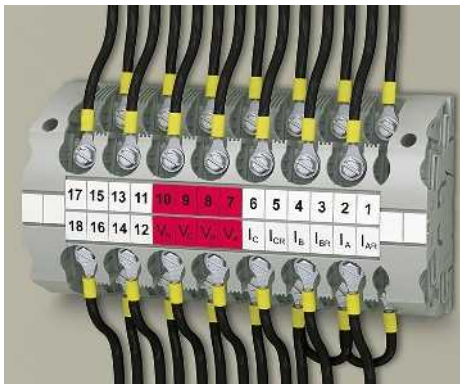
Service connectors are available with varying numbers of positions for special switching operations. A sealable, transparent cover protects against unauthorized actuation.



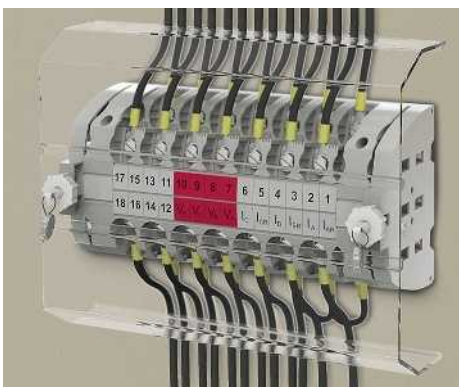
For special test processes you will receive service connectors with 4 mm test sockets with various numbers of positions. The test sockets can be used to connect equipment with safety test cables, e.g., measuring instruments.



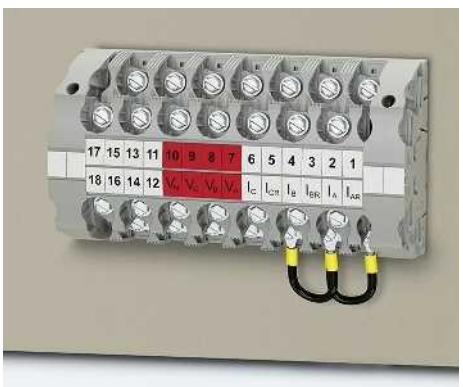
Space saving, thanks to offset test socket arrangements. The test cables can be easily fixed in place with cable ties.



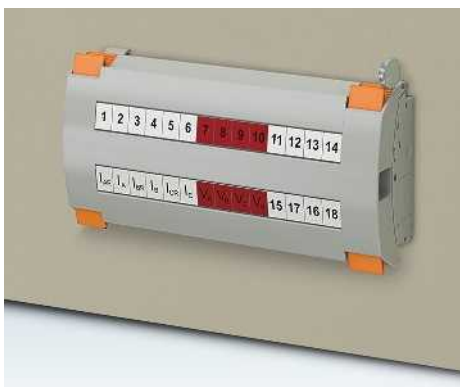
The plug-in test sockets feature screw connection technology for ring and fork-type cable lugs.



The plug-in test socket can be optionally protected against unauthorized actuation inside the control cabinet by means of a sealable cover.

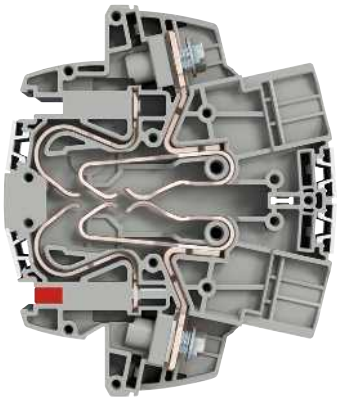


Star point bridging is easily implemented by means of wire bridges on the inside of the control cabinet.



The robust latching of the cover for the plug-in test sockets can only be released with two-hand operation. The optional seal protects against unauthorized actuation.

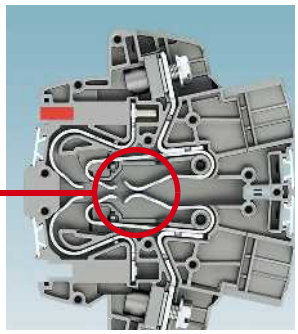
FAME 3
Modular plug-in test system without operating plug and transformer short circuit in the plug-in test socket

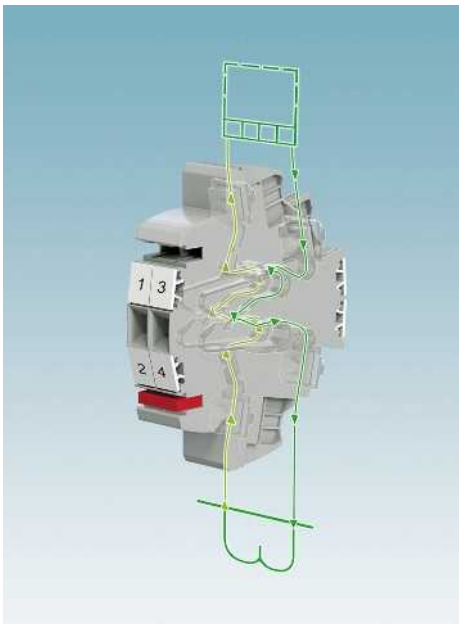


The switch contact in the plug-in test socket is a N/C contact. In normal operation the contact is closed.

Normal operation

Closed switch contact



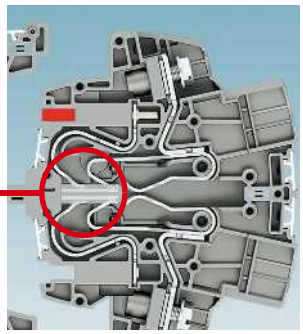


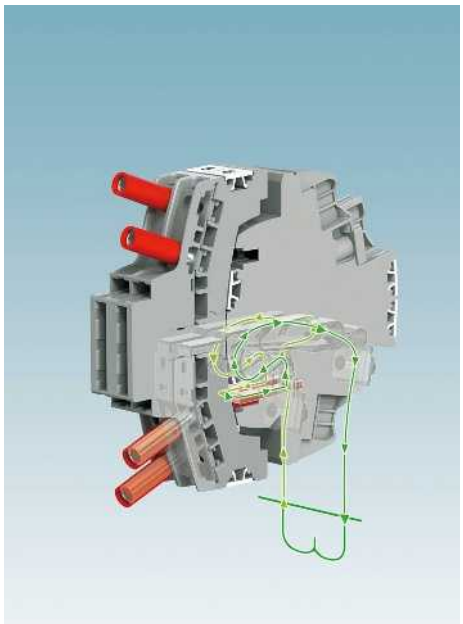
Normal operation

The N/C contact function enables normal operation without an additional operating plug. If desired, the plug-in zone can be covered and sealed with a blind plug to prevent unauthorized access.

Transformer short circuit

Leading short circuit by means of auxiliary contact



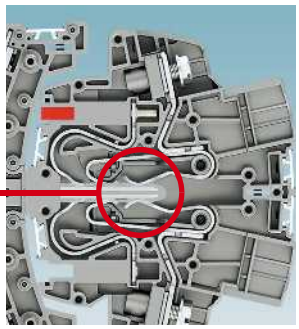


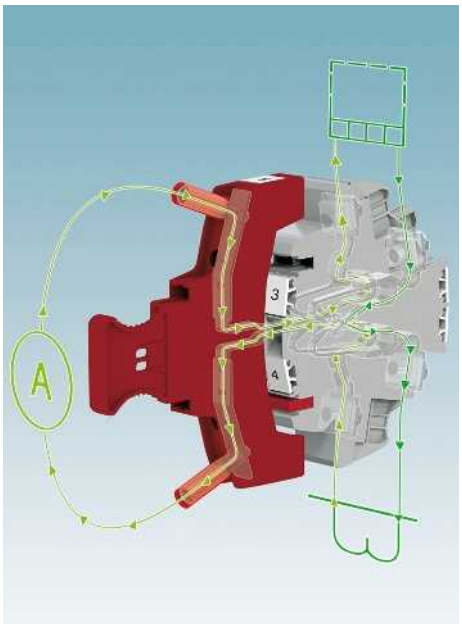
Transformer short circuit

When replacing the protective device or if conducting a relay test, a leading short circuit of the current transformer (for the purpose of signal splitting) can be carried out by means of a plug-in bridge inserted crossways into the plug-in test socket. The short circuit occurs automatically when the test plug is inserted.

Test operation

Switch contact connected via test socket

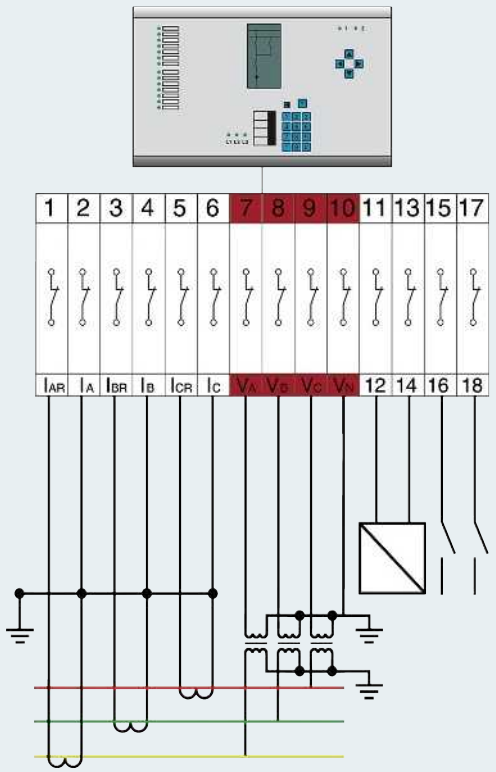




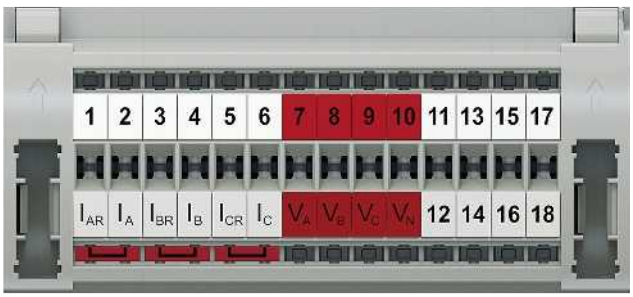
Test operation

If you use the single-position service plug, you can simply loop the test equipment into the current path via the 4 mm test sockets.

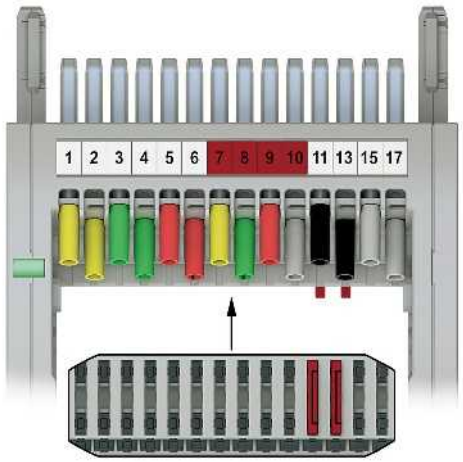
Mains protection – circuit example with star point grounding in the plug-in test socket



Plug-in test socket with current transformer, voltage transducer, and signals



Test plug with current transformer, voltage transducer, and signals



Plug-in test socket, blind plug

Order No.	Type	Required quantity
3969928	RSCWE 6-3/14	1
3069885	FBP 2/15	1

Plug-in bridge

Order No.	Type	Required quantity
3030284	FBS 2-8	3

Test plug

	Order No.	Type	Required quantity
Rotary handle	3069957	FTPR 3/14S	1
Standard handle	3069953	FTP 3/14S	1

Plug-in bridge

Order No.	Type	Required quantity
3030297	FBS 3-8	2

Plug-in test sockets and test plugs, with ring cable lug connection



The modular FAME measuring transducer test system enables all transformer testing tasks to be carried out quickly and safely. The transformer is short-circuited and the test device is looped in automatically when inserted.

- The plug-in test sockets can be used universally for current and voltage transducers
- The plug-in test socket is mounted in the control cabinet door to save space
- Signal and status messages can be wired in combination in a plug-in test socket
- The correct switching sequence when removing the test plug is ensured by a locking device and a mechanical drive in the rotary handle
- All test signals are connected with touch-proof safety test cables (CAT III and CAT IV/1000 V according to EN 61010-031)
- Star points of the current transformers can easily be created with wire bridges on the rear of the plug-in test socket
- You can find corresponding accessories from page 616

Notes:

[1]) Derating curve available on request.

[2]) Test surge voltage 5 kV.

new



30 A, plug-in test socket, wall mounting

Technical data

Maximum electrical data					
		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**400[2])**	**0.5 - 10**	**20-8**
Rated data		IEC 60947-7-1			
		IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400[2])	600	600	-
Nominal current / cross section	[A] / [mm²]	24[1]) / 6	31	31 / -	-
Rated cross section	[mm²]	6	-	-	-
Cross section range	AWG	24 - 8	20-8	20-8	-
Connection capacity, DIN 46234					
Cable lugs, DIN 46234	[mm²]	0.5 - 10			
Connection bolt / hole diameter / width	[mm]	4.1 / 4.3 / 8			
Connection capacity, DIN 46237					
Cable lugs DIN 46237	[mm²]	0.5 - 10			
Connection bolt / hole diameter / width	[mm]	4.1 / 4.3 / 8			
Color code	red	1.00 mm²			
	blue	2.50 mm²			
	yellow	6.00 mm²			
General data					
Stripping length	[mm]	12			
Tightening torque	[Nm]	1.5 - 1.8			
Tightening torque for wall fastening	[Nm]	0.8 - 1			
Panel thickness	[mm]	1 - 4			
Tightening torque: test socket screw	[Nm]	-			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Plug-in test socket, 2-pos.	gray	**RSCWE 6-3/2**	3969917	1
3-pos.	gray	**RSCWE 6-3/3**	3969918	1
4-pos.	gray	**RSCWE 6-3/4**	3969920	1
5-pos.	gray	**RSCWE 6-3/5**	3969921	1
6-pos.	gray	**RSCWE 6-3/6**	3969922	1
7-pos.	gray	**RSCWE 6-3/7**	3969923	1
8-pos.	gray	**RSCWE 6-3/8**	3969924	1
9-pos.	gray	**RSCWE 6-3/9**	3969925	1
10-pos.	gray	**RSCWE 6-3/10**	3969926	1
11-pos.	gray	**RSCWE 6-3/11**	3969915	1
12-pos.	gray	**RSCWE 6-3/12**	3969927	1
13-pos.	gray	**RSCWE 6-3/13**	3969916	1
14 pos.	gray	**RSCWE 6-3/14**	3969928	1
3 x 10-pos.	gray	**RSCWE 6-3/3X10**	3969929	1

Accessories

Spacer plate, width: 8.2 mm	gray	**DP-RSCWE 6-3**	3069314	1
Shoulder bag, for FAME connectors	black			
Screwdriver		**SF-SL 0,8X4,0-100**	1212551	10
Lateral groove marking		**UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)**		

new



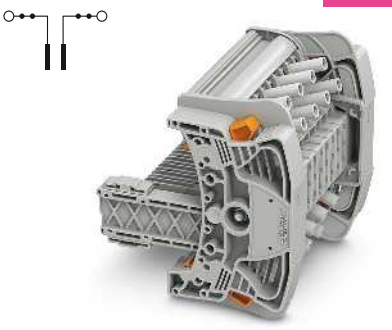
20 A, test plug with rotary handle, 4 mm test sockets

new



20 A, test plug without rotary handle, 4 mm test socket

new



20 A, test plug, compact, incl. two test sockets per position

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.5 - 2.5**	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
20 / 2.5	-	-	-
6	-	-	-
20 - 14	-	-	-
-			
- / - / -			
-			
- / - / -			
-			
-			
-			
-			
0.5 - 0.6			
PA			
V0			

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.5 - 2.5**	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
20 / 2.5	-	-	-
6	-	-	-
20 - 14	-	-	-
-			
- / - / -			
-			
- / - / -			
-			
-			
-			
-			
0.5 - 0.6			
PA			
V0			

Technical data

$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
20	**400**	**0.5 - 2.5**	**-**

IEC	UL / CUL	CSA	IEC/ EN 60079-7
400	-	-	-
20 / 2.5	-	-	-
6	-	-	-
20 - 14	-	-	-
-			
- / - / -			
-			
- / - / -			
-			
-			
-			
-			
0.5 - 0.6			
PA			
V0			

Ordering data

Type	Order No.	Pcs./Pkt.
FTPR-3/4S	3069954	1
FTPR-3/5S	3069965	1
FTPR-3/6S	3069966	1
FTPR-3/7S	3069967	1
FTPR-3/8S	3069968	1
FTPR-3/9S	3069969	1
FTPR-3/10S	3069955	1
FTPR-3/11S	3069970	1
FTPR-3/12S	3069956	1
FTPR-3/13S	3069971	1
FTPR-3/14S	3069957	1

Accessories

FAME-BAG 260	3069520	1

UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

Ordering data

Type	Order No.	Pcs./Pkt.
FTP-3/4S	3069950	1
FTP-3/5S	3069958	1
FTP-3/6S	3069959	1
FTP-3/7S	3069960	1
FTP-3/8S	3069961	1
FTP-3/9S	3069962	1
FTP-3/10S	3069951	1
FTP-3/11S	3069963	1
FTP-3/12S	3069952	1
FTP-3/13S	3069964	1
FTP-3/14S	3069953	1

Accessories

FAME-BAG 260	3069520	1

UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

Ordering data

Type	Order No.	Pcs./Pkt.
FTPC-3/4S	3069930	1
FTPC-3/5S	3069935	1
FTPC-3/6S	3069936	1
FTPC-3/7S	3069937	1
FTPC-3/8S	3069938	1
FTPC-3/9S	3069939	1
FTPC-3/10S	3069931	1
FTPC-3/11S	3069940	1
FTPC-3/12S	3069933	1
FTPC-3/13S	3069941	1
FTPC-3/14S	3069932	1

Accessories

FAME-BAG 260	3069520	1

UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

Isolating and service test plugs

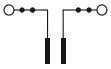
new

Specific test operations can be performed using service plugs





Isolating plug 1- ... 4-pos.





Service test plug 1- ... 4-pos.

cULus

		Technical data				Technical data			
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)	$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		20	**400**	**-**	**-**	**24**	**400**	**0.5 - 2.5**	**-**
Rated data		IEC	UL / CUL	CSA	IEC/ EN 60079-7	IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	400	-	-	-	400	-	-	-
Nominal current / cross section	[A] / [mm²]	20 / -	-	-	-	24 / 2.5	-	-	-
Rated cross section	[mm²]	-	-	-	-	6	-	-	-
Cross section range	AWG	-	-	-	-	20 - 14	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	-	-	-	-	-	0.5 - 2.5	-	-
General data									
Tightening torque: test socket screw	[Nm]	-				0.5 - 0.6			
Insulating material		PA				PA			
Flammability rating according to UL 94		V0				V0			

		Ordering data			Ordering data		
Description	Color	**Type**	**Order No.**	Pcs./Pkt.	**Type**	**Order No.**	Pcs./Pkt.
Isolating plug, 1-pos.	green	**FIP-3/1 SERVICE**	3069921	1			
2-pos.	red	**FIP-3/2 SERVICE**	3069920	1			
3-pos.	red	**FIP-3/3 SERVICE**	3069312	1			
4-pos.	red	**FIP-3/4 SERVICE**	3069313	1			
Service test plug, 1-pos., with test sockets	red				**FTP-2/1 SERVICE**	3069469	1
2-pos., without test sockets	red				**FTP-2/2 SERVICE**	3069464	1
3-pos., without test sockets	red				**FTP-2/3 SERVICE**	3069465	1
4-pos., without test sockets	red				**FTP-2/4 SERVICE**	3069468	1

	Accessories	Accessories
Lateral groove marking	**UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)**	

Cover profile and blind plug

The sealable cover protects against unauthorized actuation

new



Transparent cover profile for use with isolating plugs

new



Blind plug 4- ... 14-pos.

Technical data

General data	
Insulating material	PVC
Flammability rating according to UL 94	V0

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Cover profile, sealable, 2-pos.	transparent	**FBP-3/2 TR**	3069926	1
3-pos.	transparent	**FBP-3/3 TR**	3069927	1
4-pos.	transparent	**FBP-3/4 TR**	3069922	1
5-pos.	transparent	**FBP-3/5 TR**	3069928	1
6-pos.	transparent	**FBP-3/6 TR**	3069929	1
7-pos.	transparent	**FBP-3/7 TR**	3069945	1
8-pos.	transparent	**FBP-3/8 TR**	3069946	1
9-pos.	transparent	**FBP-3/9 TR**	3069947	1
10-pos.	transparent	**FBP-3/10 TR**	3069924	1
11-pos.	transparent	**FBP-3/11 TR**	3069948	1
12-pos.	transparent	**FBP-3/12 TR**	3069923	1
13-pos.	transparent	**FBP-3/13 TR**	3069934	1
14 pos.	transparent	**FBP-3/14 TR**	3069925	1
Blind plug, 4-pos.	gray	**FBP-2/4**	3069875	1
5-pos.	gray	**FBP-2/5**	3069876	1
6-pos.	gray	**FBP-2/6**	3069877	1
7-pos.	gray	**FBP-2/7**	3069878	1
8-pos.	gray	**FBP-2/8**	3069879	1
9-pos.	gray	**FBP-2/9**	3069880	1
10-pos.	gray	**FBP-2/10**	3069881	1
11-pos.	gray	**FBP-2/11**	3069882	1
12-pos.	gray	**FBP-2/12**	3069883	1
13-pos.	gray	**FBP-2/13**	3069884	1
14 pos.	gray	**FBP-2/14**	3069885	1

Accessories

Lateral groove marking	UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

Technical data

General data	
Insulating material	PA
Flammability rating according to UL 94	V0

Ordering data

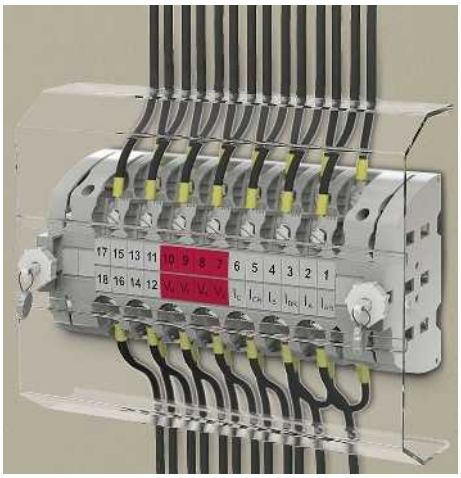
Type	Order No.	Pcs./Pkt.

Accessories

UC-TM 8, UCT-TM 8, ZB 8 or TMT (EX9,5)R (see Catalog 3)

Cover profile carrier

new





The plug-in test socket can be optionally protected against unauthorized actuation inside the control cabinet by means of a sealable cover.

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Cover profile carrier, sealable	gray	**APH-RSCWE 6-3 CARRIER**	3069058	10
Cover profile, supply length 1 m	transparent	**AP-ME METER**	3034361	10
Cover profile, supply length 1 m	transparent	**AP RSC-T**	3059139	10

Cover profiles for test plug or plug-in test socket mounted on DIN rail





Technical data

General data	
Material	PVC

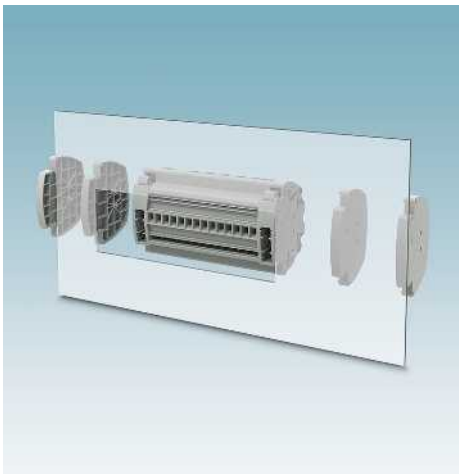
Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Cover profile, supply length 1 m	transparent	**AP-FTP METER**	3069899	1
Cover profile, supply length 1 m	transparent	**AP-ME METER**	3034361	10
Cover profile, supply length 1 m	transparent	**AP RSC-T**	3059139	10
Cover profile carrier, sealable, for AP-ME cover profile	gray	**APH-ME**	3034374	10
Cover profile holder, can be snapped on and sealed	gray	**APH-UTWE 6-2**	3069057	10

- The AP−FTP cover profile prevents undesired changes to the star point, feed-through, and short-circuit jumpers on the fully assembled test plug
- To mount, gently release the side screw connection of the plug and snap the profile into place
- The APH−ME cover profile carrier is used in conjunction with the AP−ME cover for the DIN rail mounted plug-in test socket.

Spacer plate

new

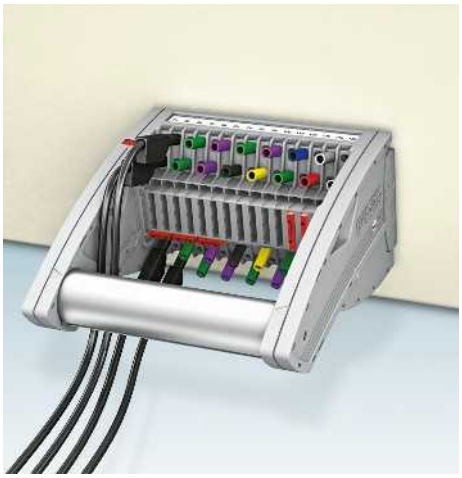




The optional latching panel inserts allow the plug-in test sockets to be installed in existing panel cutouts.

Description	Color	Ordering data: Type	Order No.	Pcs./Pkt.
Spacer plate, width: 8.2 mm	gray	**DP-RSCWE 6-3**	3069314	1

Colored PSBJ ... test sockets

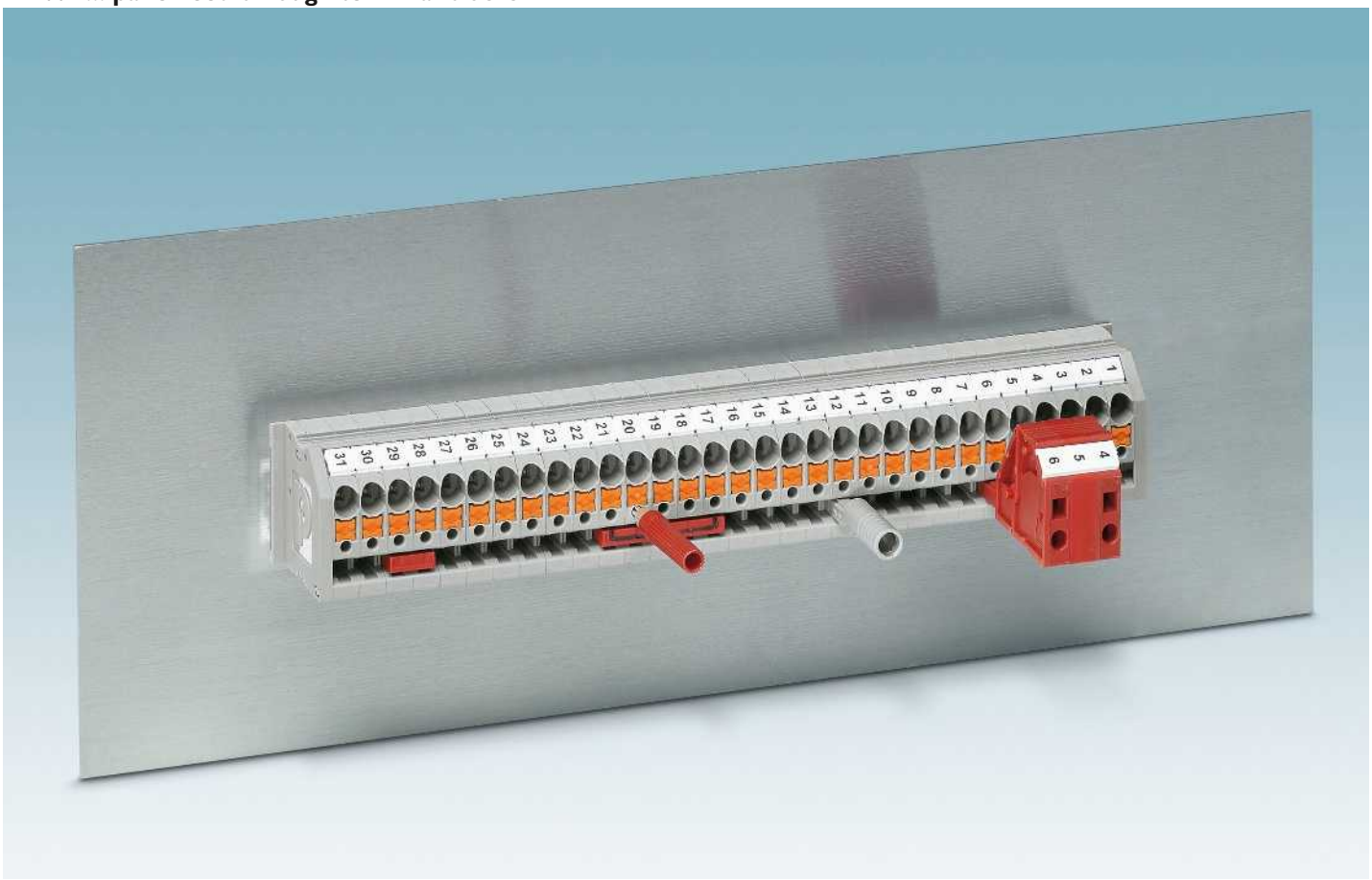




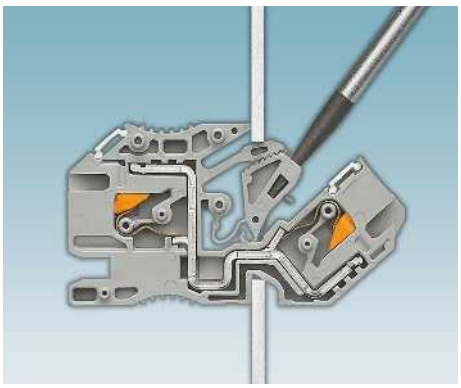
- 4 mm safety test leads with fixed insulation according to EN 61010−031 CAT III and CAT IV up to 1000 V can be coded in true color
- Additional test leads, assembled with ring and fork-type cable lugs (see accessories, e.g., page 602) can be attached with test sockets.

Description	Color	Ordering data: Type	Order No.	Pcs./Pkt.
Test socket, insulated	transparent	**PSBJ-URTK 6 FARBLOS**	3026450	10
	red	**PSBJ-URTK 6 RD**	3026719	10
	blue	**PSBJ-URTK 6 BU**	3026434	10
	yellow	**PSBJ-URTK 6 YE**	3026405	10
	green	**PSBJ-URTK 6 GN**	3026418	10
	violet	**PSBJ-URTK 6 VT**	3026421	10
	black	**PSBJ-URTK 6 BK**	3026447	10
	gray	**PSBJ-URTK 6 GY**	3026612	10
	brown	**PSBJ-URTK 6 BN**	3026971	10
	white	**PSBJ-URTK 6 WH**	3026448	10

PT-WE... panel feed-through terminal blocks

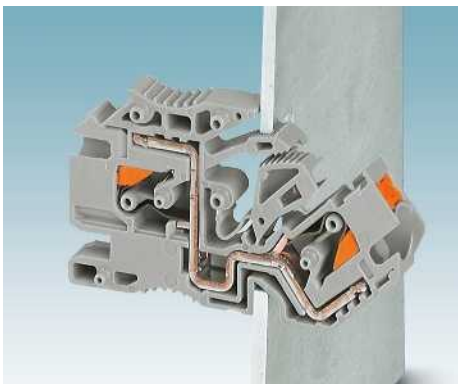


Your web code: #0456



Panel feed-through terminal blocks in miniature format

The compact PT 4-WE panel feed-through terminal blocks are tailored towards the cramped conditions in network protection devices. The connection cross section of 4 mm² is achieved with an internal dimension of just 22 mm. The patented latching principle is used in the panel cutout for easy fastening.



Universal, thanks to modular design

PT 4-WE panel feed-through terminal blocks have a modular design. They can be easily connected to form terminal strips with different numbers of positions. They are finished off with cover elements which cover the rest of the opening in the panel cutout. Alternatively, pre-assembled terminal strips with up to 20 positions are also available.



Push-in connection technology

The conductor connection is established directly, quickly, and easily. This saves a huge amount of time, particularly when carrying out internal device wiring at the factory. The Push-in connection also provides tangible benefits when it comes to the outside of the device. Furthermore, operation is easier, thanks to the standardized accessories from the CLIPLINE complete system.

PT 4-WE panel feed-through terminal blocks

The PT 4-WE series of panel feed-through terminal blocks is designed for the requirements that arise when connecting current and voltage transformers.

– Primarily intended for network protection devices
– Can be installed in all panel cutouts with a sheet thickness of up to 2.5 mm
– Quick and easy fastening, thanks to the patented latch
– Actuation with standard screwdriver

new



EAC

Technical data

Dimensions		Width	Length	Height	
	[mm]	**5.1**	**51.3**	**26.6**	
Maximum electrical data		$I_{max.}$ [A]	$U_{max.}$ [V]	max. Ø [mm²]	AWG (UL)
		30	**500**	**0.14 - 4**	**-**
Rated data		IEC 60947-7-1 IEC	UL / CUL	CSA	IEC/ EN 60079-7
Rated voltage	[V]	500	-	-	-
Nominal current / cross section	[A] / [mm²]	24 / 4	-	-	-
Rated cross section	[mm²]	2.5	-	-	-
Cross section range	AWG	24 - 11	-	-	-
Connection capacity		solid	stranded	Ferrule without/with plastic sleeve	
1 conductor	[mm²]	0.14 - 4	0.14 - 4	2.5 - 2.5	2.5 - 2.5
2 stranded conductors with a TWIN ferrule	[mm²]	-	-	-	-
Connection cross sections directly plugged in	[mm²]	0.34 - 0.34	-	0.34 - 0.34	0.34 - 0.34
General data					
Stripping length	[mm]	10 - 12			
Panel thickness	[mm]	1 - 2.5			
Insulating material		PA			
Flammability rating according to UL 94		V0			

Ordering data

Description	Color	Type	Order No.	Pcs./Pkt.
Panel feed-through terminal block	gray	**PT 4-WE**	3044900	50
Terminal block, with cover on both sides, 1-pos.	gray	**PT 4-WE/1**	3044906	25
2-pos.	gray	**PT 4-WE/2**	3044907	25
3-pos.	gray	**PT 4-WE/3**	3044908	25
4-pos.	gray	**PT 4-WE/4**	3044909	25
5-pos.	gray	**PT 4-WE/5**	3044910	25
6-pos.	gray	**PT 4-WE/6**	3044911	10
7-pos.	gray	**PT 4-WE/7**	3044912	10
8-pos.	gray	**PT 4-WE/8**	3044913	10
9-pos.	gray	**PT 4-WE/9**	3044914	10
10-pos.	gray	**PT 4-WE/10**	3044915	10
11-pos.	gray	**PT 4-WE/11**	3044916	5
12-pos.	gray	**PT 4-WE/12**	3044917	5
13-pos.	gray	**PT 4-WE/13**	3044918	5
14 pos.	gray	**PT 4-WE/14**	3044919	5
15-pos.	gray	**PT 4-WE/15**	3044920	5
16-pos.	gray	**PT 4-WE/16**	3044921	5
17-pos.	gray	**PT 4-WE/17**	3044922	5
18-pos.	gray	**PT 4-WE/18**	3044923	5
19 pos.	gray	**PT 4-WE/19**	3044924	5
20 pos.	gray	**PT 4-WE/20**	3044925	5

Accessories

Cover, 5 mm width, alignable left and right	gray	**D-PT 4-WE**	3044902	25
Lateral groove marking		**UC-TMF 5, UCT-TMF 5 or ZBF 5 (see Catalog 3)**		

Line and cable routing for the control cabinet door



The swivel arm of the cable guiding system makes it particularly easy and safe to install your conductors, cables, and cable harnesses for the control cabinet door or swivel mounting frame. This solution saves time, as the patent-pending swivel joints can be opened and pre-assembled cables can be fed through or pulled through without using any tools.

Your web code: #1146



Tool-free opening and closing of swivel joints

The orange swivel link allows you to open the swivel joints without using any tools. Installing and pulling through cables is quite simple.



Easy cable routing of pre-assembled data cables

The cable guiding system is designed for standard data cables. The wires will not be damaged, even after opening and closing 2000 times. This is made possible by using large bending radii and defined movements.



Safe cable routing for plug-in test sockets

To enable monitoring and operation from outside, devices and plug-in test sockets like FAME are mounted in the control cabinet door in protection and control engineering applications.

CGS cable guiding system

new





The cable guiding system makes it particularly easy and safe to install your conductors, cables, and cable harnesses for the control cabinet door or swivel mounting frame.

– Subsequent wiring can be performed quickly and easily via the rotating blisters which can be operated without tools
– Cable routing for the control cabinet door can be planned with the CAD system using the defined installation space and swivel range
– Quick and easy mounting, thanks to integrated flanges with strain relief
– Mechanical cable protection and bundling, thanks to covering hoods that can be attached without tools
– Secure with M5 tapping screws

Technical data

Dimensions		Width	Length	Height
	[mm]	**68**	**218**	**140.5**

General data		
Cable entry opening	[mm]	42
Number of cables		100 for 1.5 mm²
Insulating material		PC
Flammability rating according to UL 94		V0

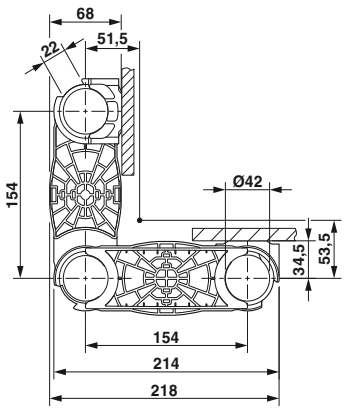
Ordering data

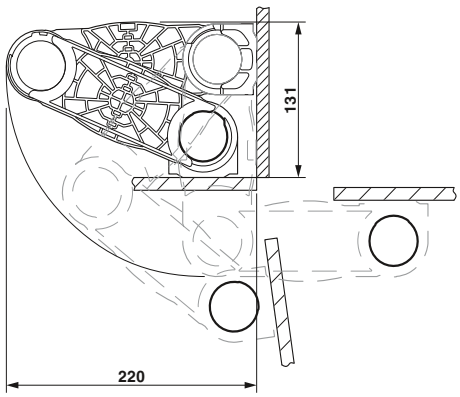
Description	Color	Type	Order No.	Pcs./Pkt.
Cable guiding system, with swivel joint for opening	gray	**CGSA 50**	3071401	1
Cable entry opening, with closed swivel joint	gray	**CGS 50**	3071400	1

Accessories

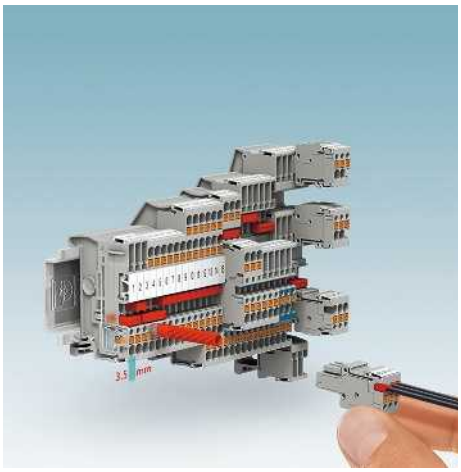
Covering hood	gray	**CGS-AH 50**	3071410	1











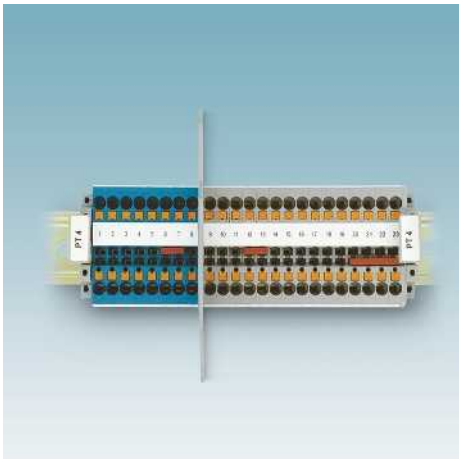
The PT 1,5/S series enables the space-saving and time-saving wiring of signals. With a terminal width of just 3.5 mm, solutions that can be disconnected and plugged in are available in addition to the wide range of feed-through terminal blocks.



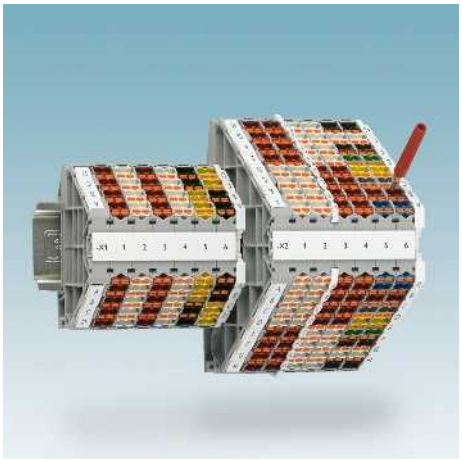
With double-level knife disconnect terminal blocks, you can fit up to 572 signals in one meter. The clear color assignment of the disconnect element to the wiring level prevents errors that could occur if the wrong signal circuit were opened.



The comprehensive range of disconnect and fuse terminal blocks offers numerous solutions for potentially explosive areas. All common protection concepts are included.



In addition to being used in applications with increased safety (Ex e), Phoenix Contact terminal blocks can also be used in intrinsically safe circuits. Blue versions are available for identification. Intrinsically safe and non-intrinsically safe circuits can be separated using corresponding partition plates.



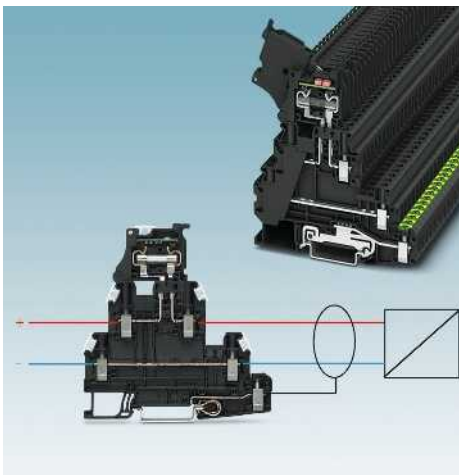
The PTRV ... marshalling terminal is designed for signal and potential distribution applications with increased packing density. Due to its compact length and color-coded design, it is the ideal basis for user-friendly wiring.

For marshalling terminals, see from page 44.



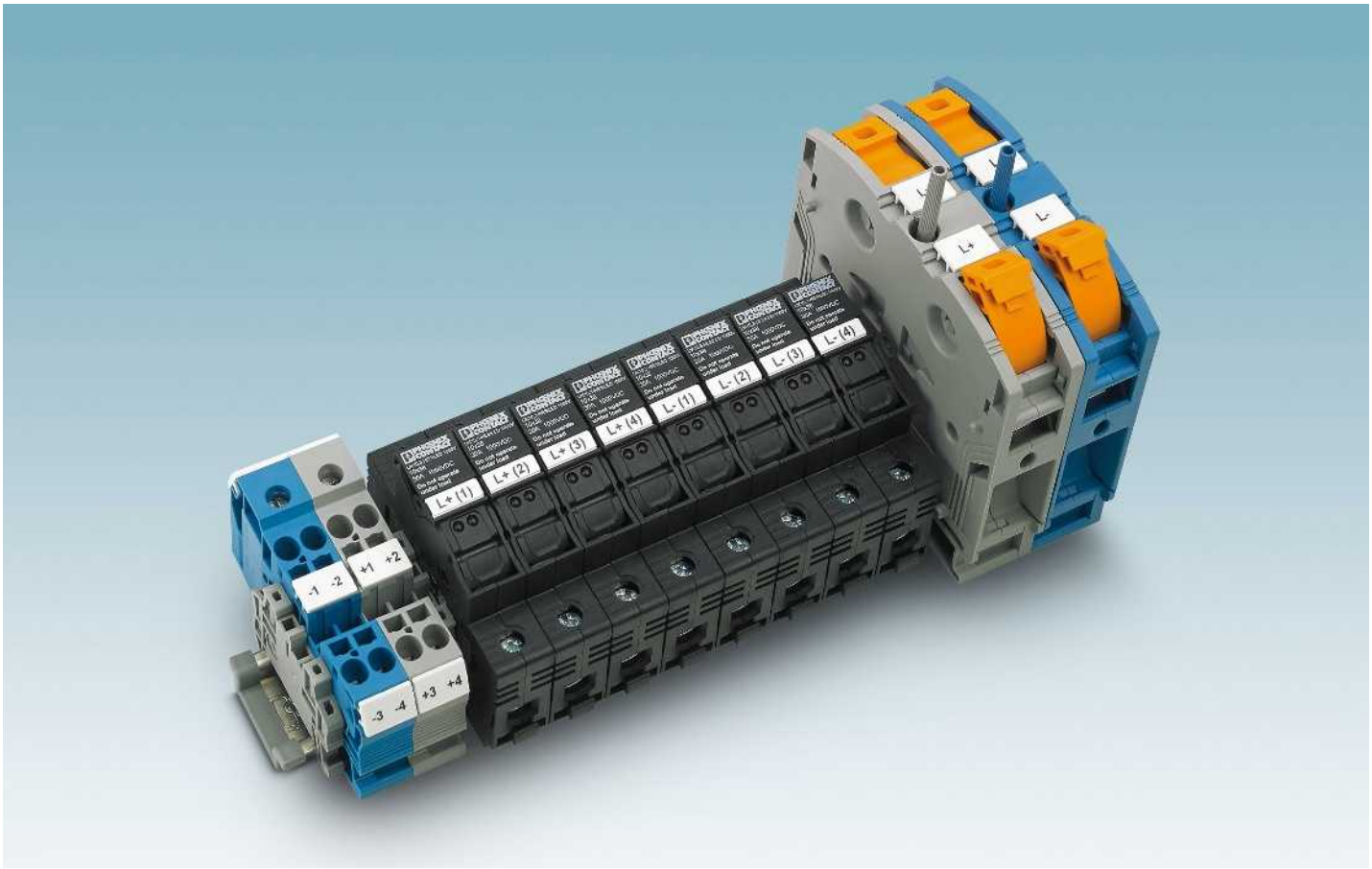
For efficient wall and DIN rail mounting, the modular system of the PTMC marshalling patchboard enables customer-specific and color-true marshalling with any number of positions.

For marshalling patchboards, see from page 55.



By combining the fuse lever, feed-through, and PE foot, shielded signal circuits can be reliably wired in a single terminal block.



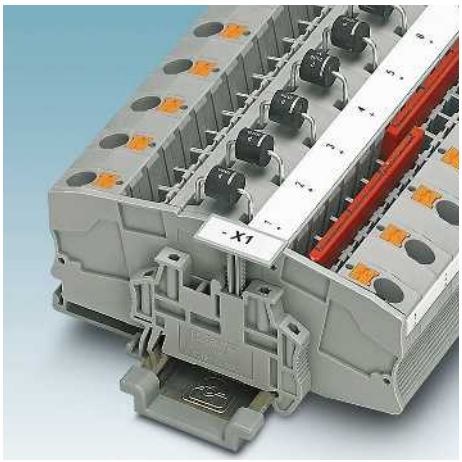


In the mix of renewable energies consisting of wind power, hydropower, biomass, and geothermal energy, solar power in Germany, for example, has taken the leading position. Throughout the world, solar power generation offers the greatest potential and has enjoyed the most widespread acceptance.
While standard products can be used in the AC area of a solar system, a more specific approach is required for the DC area as a result of its special structure and characteristics.
In order to keep cable losses to a minimum, PV modules are connected to strings, thereby increasing the system voltage. Non-load voltages of PV systems reach up to 1000 V DC.

These high DC voltages place particular demands on the components used. In contrast to AC voltage, the DC voltage that is present allows creepage distances to be created very easily on the surface of insulating elements. The components used in this area must therefore have increased air clearances and creepage distances.
In order to limit reverse currents which can occur in the event of a short circuit, the individual strings are protected. This preferably takes the form of 10.3 x 38 mm fuses in crystalline modules and blocking diodes incorporated into the circuit in thin-film modules.

Terminal blocks and fuses from Phoenix Contact cleverly meet the special requirements of photovoltaic systems. You will find a summary of all components in the "Components and systems for photovoltaics" brochure.

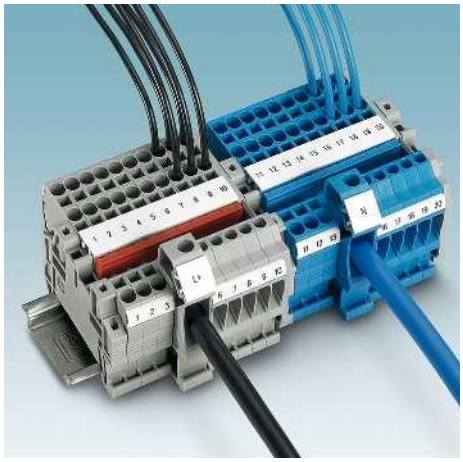
The photovoltaic terminal blocks can be found in the relevant sections on the respective connection technologies.



The STME 6-DIO HV and PTME 6-DIO HV diode terminal blocks serve as line diodes and are used in thin-film photovoltaic systems to prevent reverse currents. This means that the often sensitive thin-film modules are ideally protected to provide long-term stability.



Conductors with larger cross sections are used for the connection between device connection boxes and inverters due to their higher currents and longer cable lengths. UKH ... and RBO ... terminal blocks can accommodate conductors with a cross section of up to 300 mm².



The individual strings can be connected quickly while also saving space using potential collective terminals. The output side of the terminal blocks accommodates up to 35 mm² of conductor in a screw terminal point.

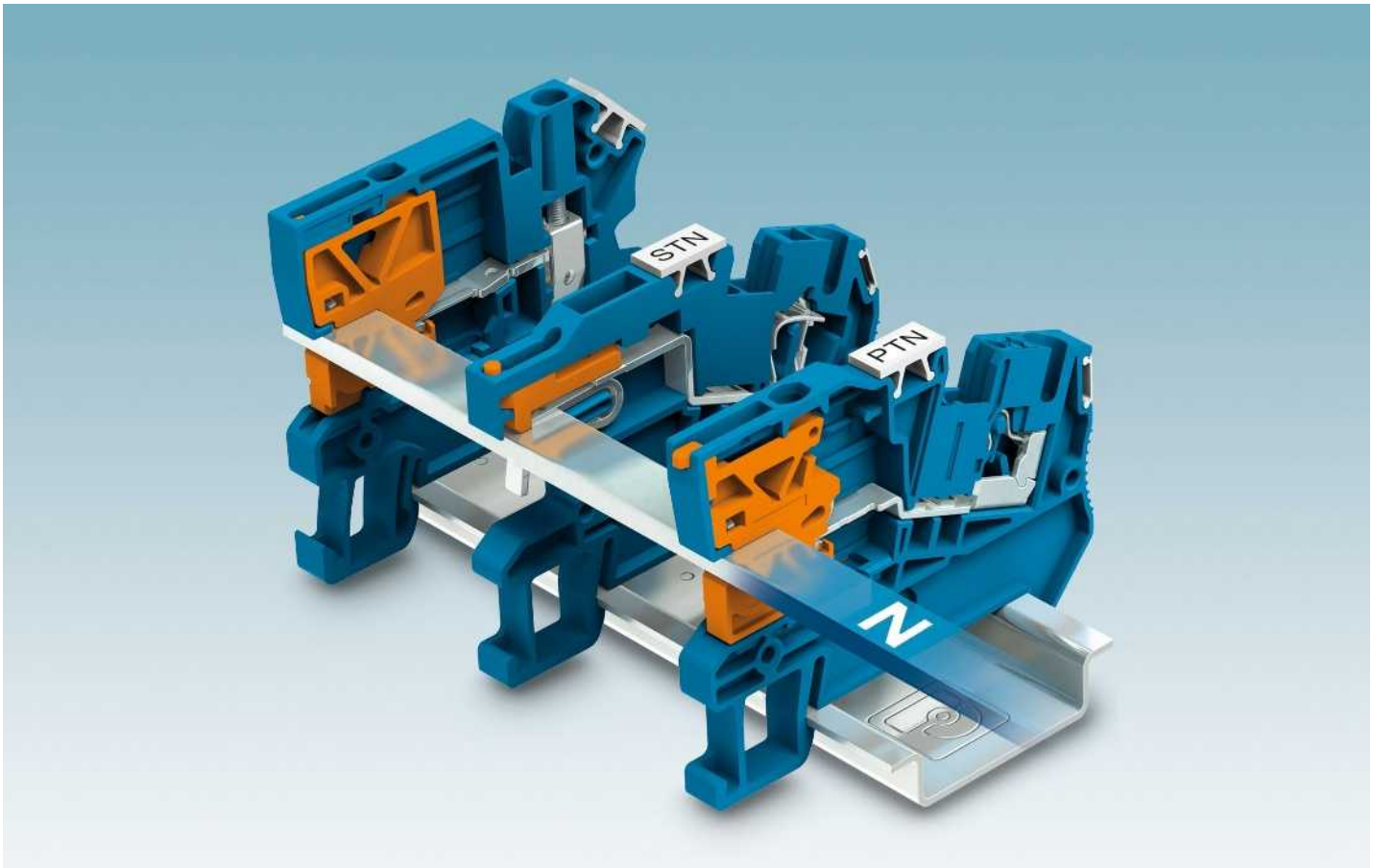


The DC line fuses have specially tailored, ultra-fast gPV characteristics. They can safely and permanently transfer nominal currents of up to 25 A at system voltages of 1000 V and protect lines against reverse currents in the event of an error.

Find out more with the web code

Detailed information on these products can be found on our website.
Simply enter # and numbers in the search field.





Electrical installations in communal facilities such as schools, hospitals, assembly points, restaurants, and all public buildings must fulfil special normative requirements. Insulation resistances must be measured during startup or when servicing the system according to DIN VDE 0108-100 (EN 50172) without directly disconnecting the neutral conductor.
Installation terminal blocks from Phoenix Contact are precisely tailored to the requirements of electrical installations and distributor construction.

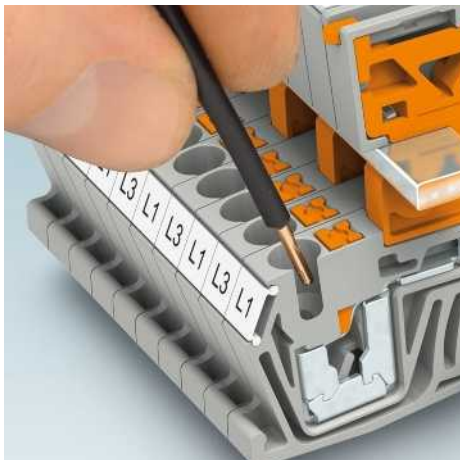
The neutral conductor can be conveniently separated for test purposes by means of a screwless, spring-loaded disconnect metal. Contact with the 3 x 10 mm standard profile can be achieved by simply swinging this open using a standard screwdriver. The disconnect slide locks into the end positions and the switching states are clearly signaled. These are sound prerequisites for the quick and safe testing of all versions. Potential can be multiplied easily thanks to the double function shafts. Clearly visible marking surfaces and testing facilities at every terminal point ensure clarity, regardless of the mounting position.

Numerous versions with screw, spring-cage or Push-in technology are available for all applications, and all versions are completely compatible.

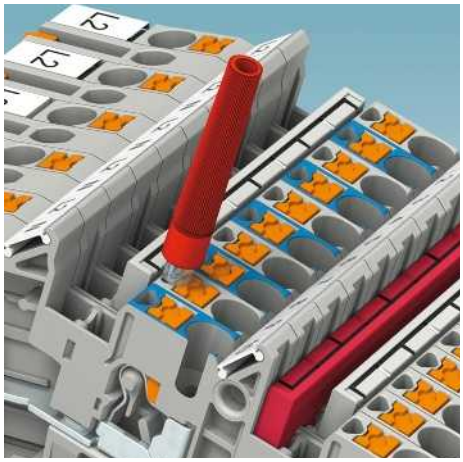
The installation terminal blocks can be found in the relevant sections on the respective connection technologies.



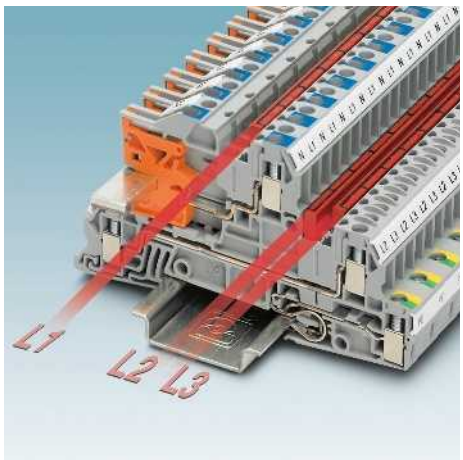
The screwless disconnect slide makes contact when it is simply slid onto the neutral busbar using a standard screwdriver. The switch position of the disconnect slide is clearly signaled.



PTI installation terminal blocks with Push-in connection can be wired without tools. Strip the conductors, plug them in, and you're done. This represents a clear advantage in terms of the time it takes to perform wiring. The terminal blocks can be released using the actuation lever made from insulation material.



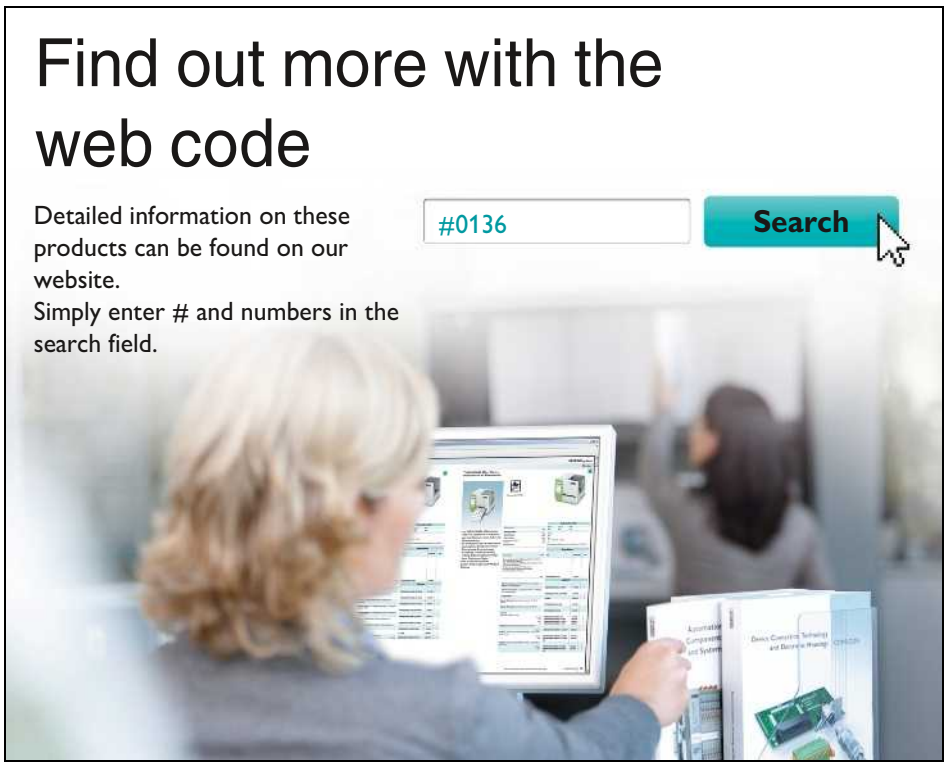
All installation terminal blocks are equipped with test openings on every level. All measurements and testing can therefore be carried out quickly and easily, even when all function shafts are occupied.

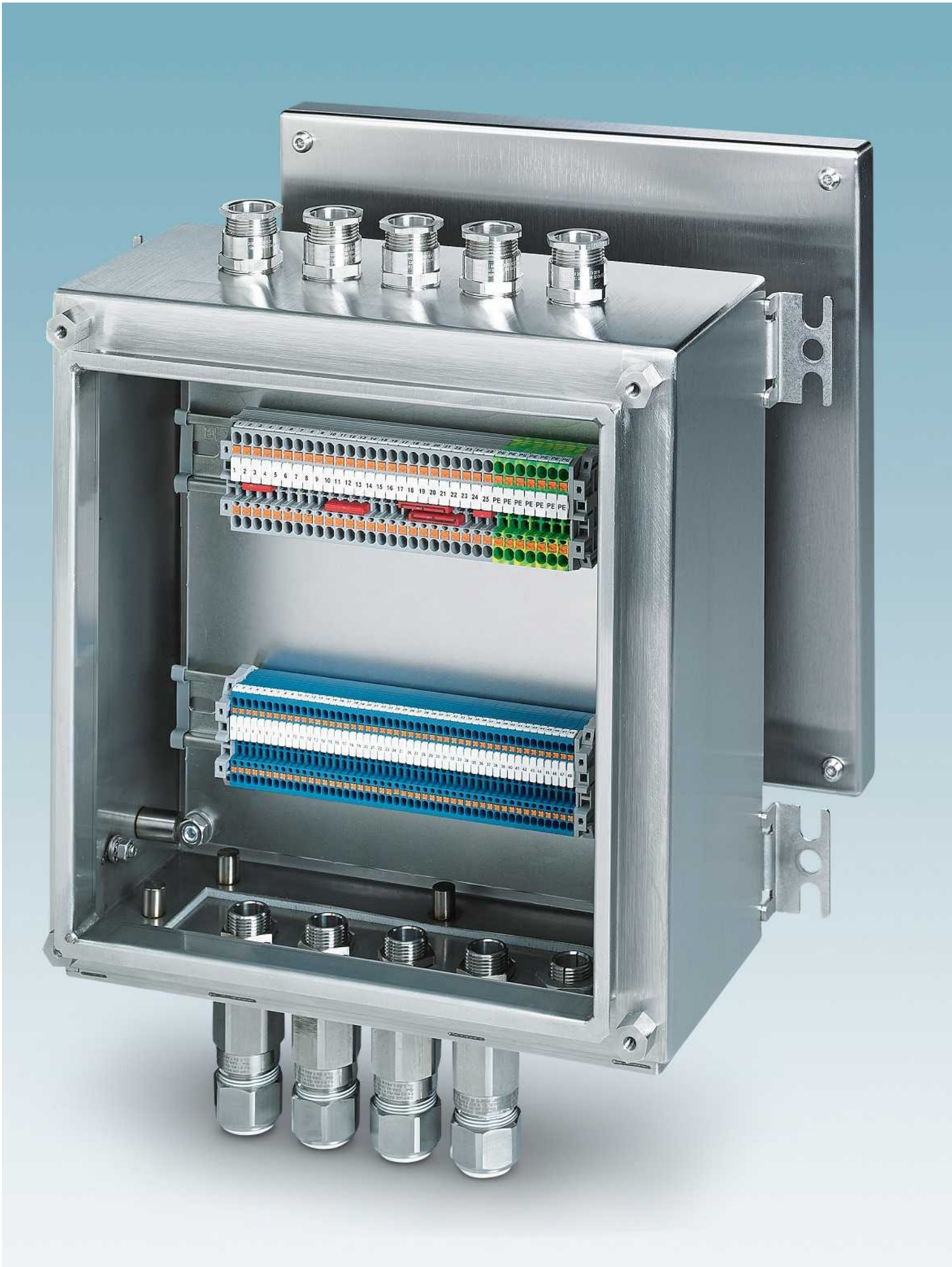


Double function shafts on each level provide comprehensive potential distribution. Even three-phase connections can be implemented conveniently and in a compact space with an overall width of just 10 mm. Lateral distribution is performed with FBS ... plug-in bridges.

Find out more with the web code

Detailed information on these products can be found on our website.
Simply enter # and numbers in the search field.





Services – terminal strips, CLIPSAFE junction boxes, CLIP PROJECT planning and marking software

The CABINET add-on range includes terminal boxes as well as mounting material and assembly equipment.

The new CLIPSAFE housing product range provides comprehensive protection for your applications in industrial environments and in process technology. You can obtain the CLIPSAFE empty enclosure completely equipped with terminal blocks and cable glands on request. The housings are supplied with corresponding device approval for use in potentially explosive areas. Our worldwide sales network offers you professional customer support and short delivery times.

Your web code: #0140

Planning and marking software

The CLIP PROJECT planning and marking software consists of two modules:

– CLIP PROJECT planning enables the quick and convenient planning and configuration of error-free terminal strips.
– CLIP PROJECT marking is a powerful piece of software for the creation of individual markings for terminal blocks, cables, lines, devices, and systems.

Thanks to the optimum interaction between the two modules, even in connection with electrical planning systems, the result is an end-to-end process chain: from planning and documentation, right up to the finished terminal strip or the finished marking.

The expanded version, CLIP PROJECT professional, also features a template designer which can be used to design custom markings.

Your web code: #1093

The following product ranges can be found in Catalog 3

MARKING system marking systems
TOOL fox tools
CABINET add-on mounting material

Product range overview

Services – terminal strips	**632**
CLIPSAFE junction boxes and empty enclosures	**634**
CLIP PROJECT – planning and marking software	**636**

Services – terminal strips



The perfect solution for every application. We integrate your selected components or pre-assembled terminal strips into the right industrial housing, regardless of whether they are made from stainless steel, sheet steel, aluminum, polyester or polycarbonate.
Just install the control boxes and you're done.
We also offer consultation and a range of services for this. Our staff will be happy to work with you on site to create the ideal solution for your application, precisely tailored to your requirements.

Make the most of our comprehensive technical and industry-specific expertise. Reduce your planning and assembly time to a minimum with pre-installed terminal strips and housing solutions.

Our services at a glance:

– Joint creation of solutions from components for the control cabinet to assembled terminal strips right through to a completely assembled housing
– Solutions implemented by Phoenix Contact. Creation of project-relevant documentation

Make the most of our comprehensive product portfolio and range of services to create your optimum solution.



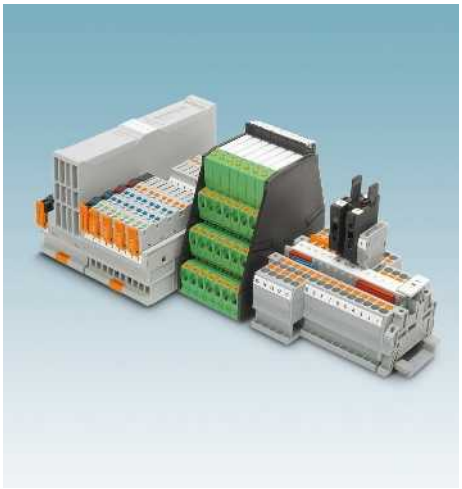
We work together with you to develop a tailor-made solution – perfectly matched to your application and needs. Make the most of our international sales network and local market proximity.



Not only does the Phoenix Contact product portfolio provide you with the right components for your control cabinet, it is also essential when creating complete enclosure solutions for system installation.



With the CLIP PROJECT planning and marking software, we can plan, configure, and create your terminal strip quickly and easily for subsequent integration into the desired housing.



We create complete terminal strips, sets, and mounting plates in accordance with your specifications, and these are consistently labeled and delivered to you for direct mounting. This reduces your installation time to a minimum.



A complete housing solution also includes the quick and easy insertion of cables into the housing. With standard cable glands and the CES cable entry system, products with up to IP66 protection are available which meet this requirement.



With the MARKING system, informative and standard-compliant marking of control cabinets, switchgear, and their components can be implemented quickly, easily, and with high durability.



Your web code: #0140



Ex stainless steel empty enclosures

The stainless steel Ex enclosure product range provides comprehensive protection for your applications in industrial environments and in process technology. The product range consists of standardized enclosures in sizes up to 1000 mm x 1000 mm x 300 mm. On request, we can expand the enclosures into ATEX- and IECEx-approved junction boxes.



Ex polyester empty enclosure

The comprehensive range of polyester Ex enclosures provides comprehensive protection for your applications in Ex areas. On request, we can expand the enclosures into ATEX- and IECEx-approved junction boxes.



Polyester empty enclosure

The extensive standard polyester enclosure range provides robust standard enclosures for industrial environments as well as for non-potentially explosive areas in the process industry. The enclosures are expanded in line with your requirements into junction boxes and control boxes.



Empty enclosure

Select the ideal enclosure for your application. Custom dimensions and surface treatments are available on request. For applications in the Ex area, the enclosures are supplied with corresponding component approval in accordance with ATEX or IECEx.



Empty enclosures customized according to customer specifications

We can customize the enclosures according to your specifications with threads, bore holes, and rectangular cutouts. The Ex standards according to ATEX and IECEx are taken into consideration. The enclosures are supplied with corresponding component approval.



Junction boxes assembled according to customer specifications

If desired, you can obtain the CLIPSAFE empty enclosure completely equipped with components and cable glands. For use in potentially explosive areas, the junction boxes are supplied with corresponding equipment approval according to ATEX and IECEx.



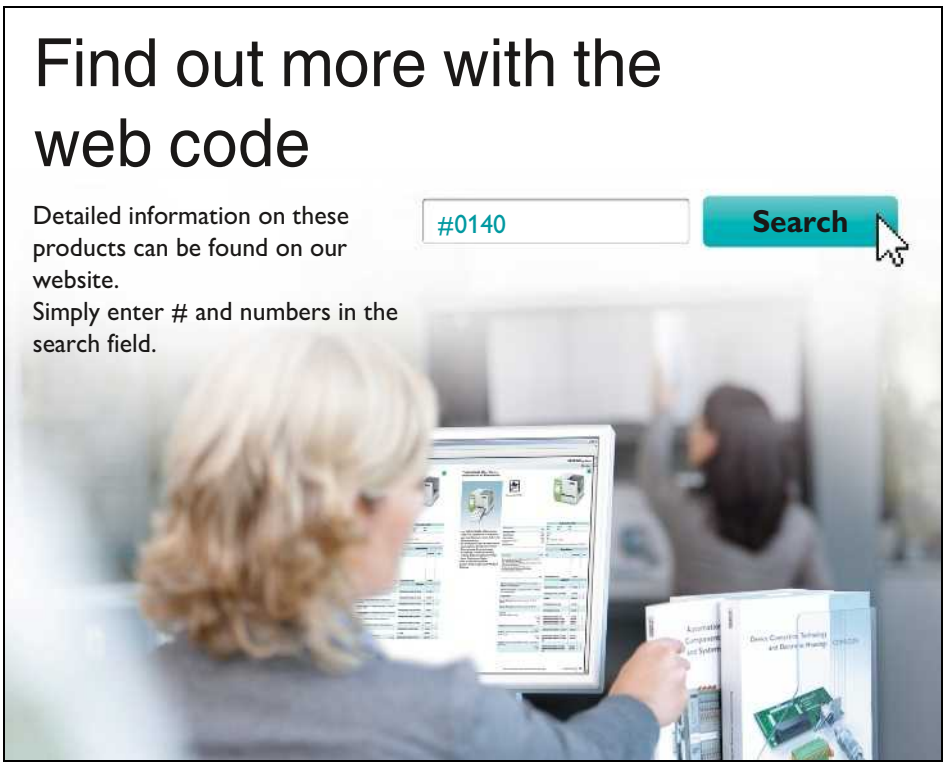
Customer-specific solutions

To obtain a quick quote for your customized junction box and enclosure solution, please fill out the request form on the website. You can easily describe your requirements using the form. We will then prepare an individual quote based on the information provided. Just enter the web code into the search field on our website.

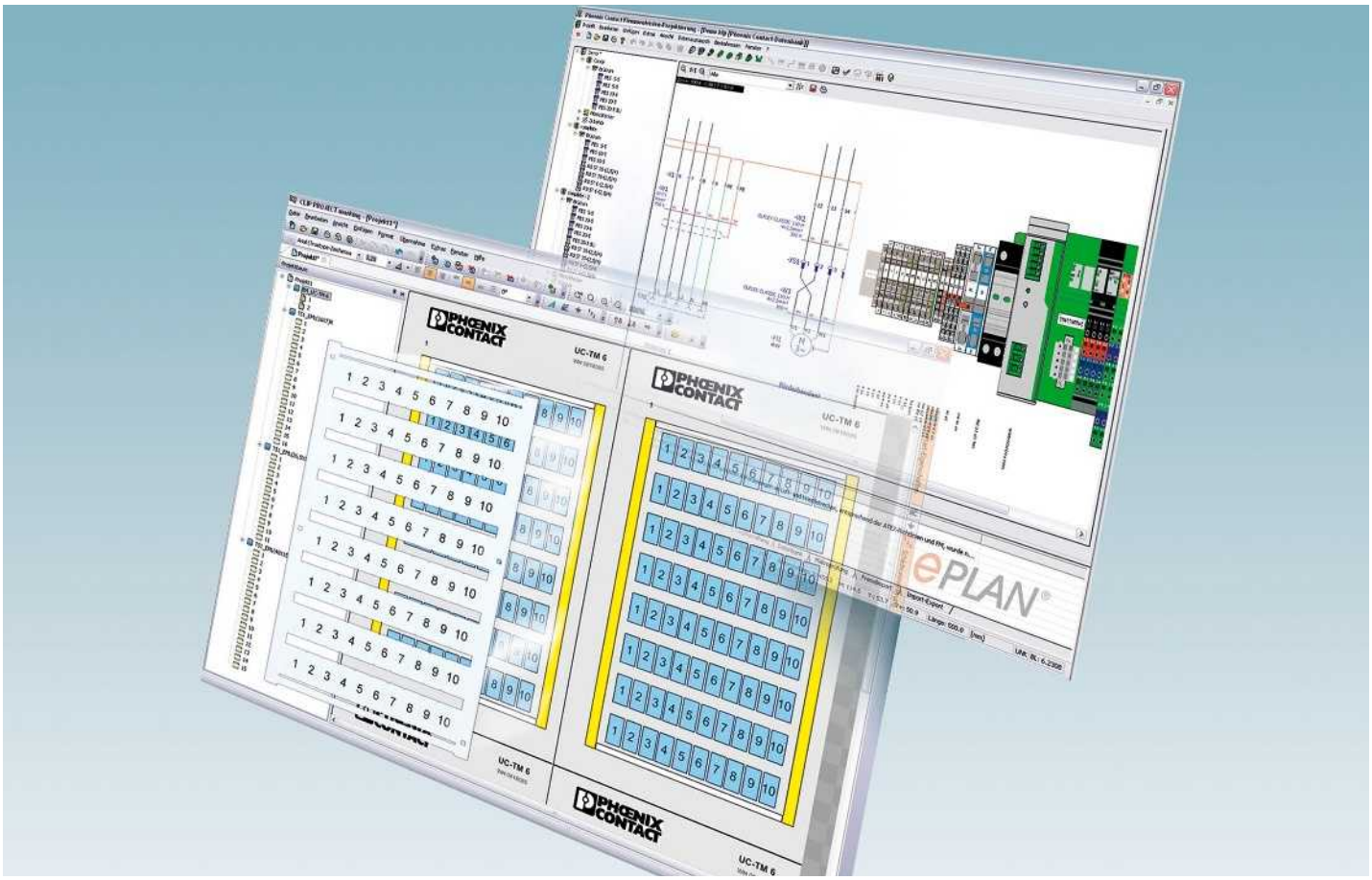
Your web code: #0851

Find out more with the web code

Detailed information on these products can be found on our website.
Simply enter # and numbers in the search field.

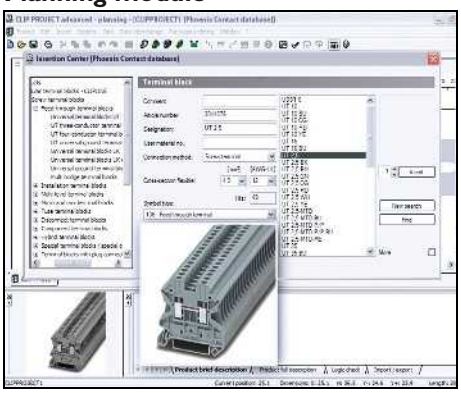


CLIP PROJECT – planning and marking software

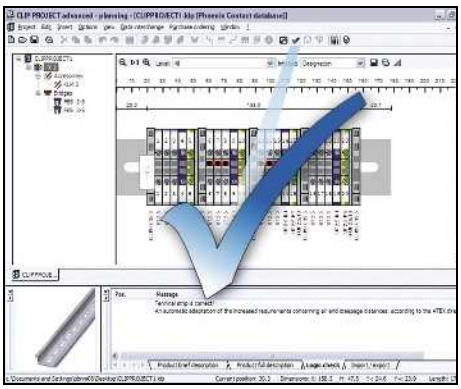


Your web code: #1093

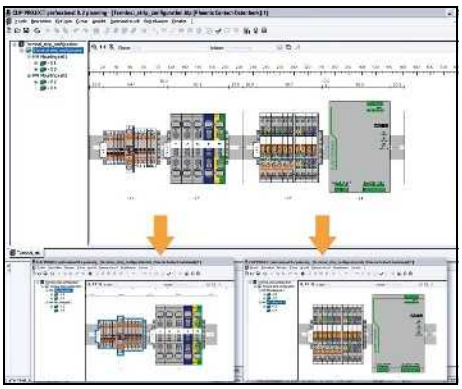
Planning module



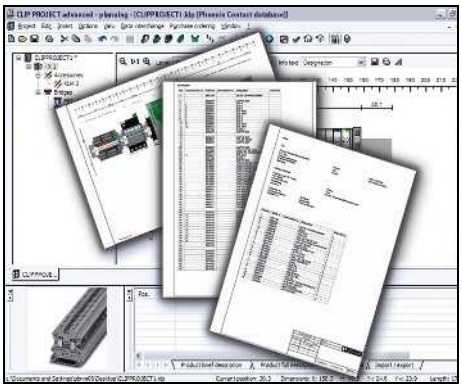
During selection, all Phoenix Contact products which can be fitted on DIN rails are displayed as a preview for rapid product selection.



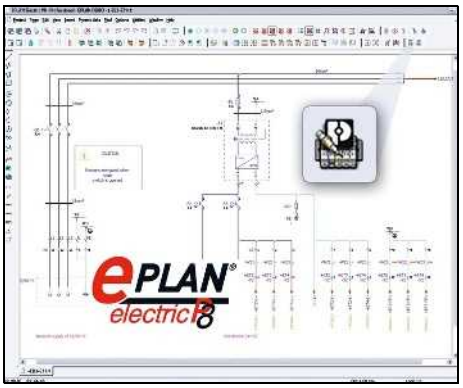
The automatic correction function checks the configured terminal strip and automatically adds any missing accessories. 2D and 3D design data is available at the click of a button.



The configured terminal strips can be arranged over several DIN rails to establish the exact amount of space required during installation.



Complete documentation and an effective 3D preview are available for rapidly and correctly producing the mechanical structure of the terminal strips.

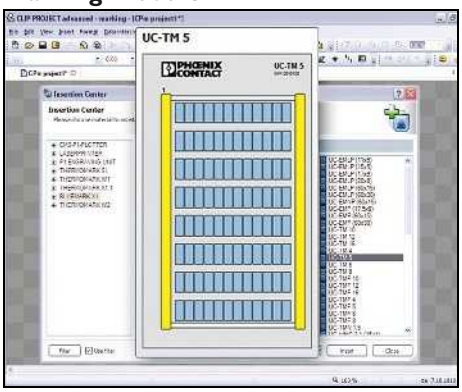


CLIP PROJECT is integrated in EPLAN P8. This means that terminal strips are automatically produced from the circuit diagram in CLIP PROJECT. The product data is written back to the EPLAN parts lists using the two-way interface.

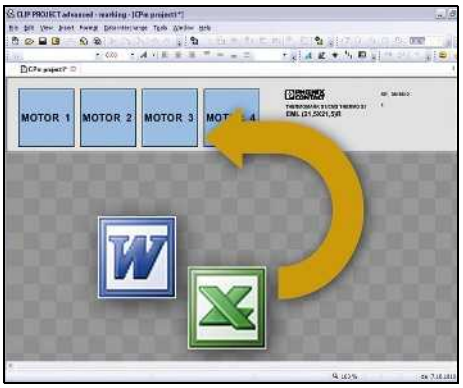


Phoenix Contact provides a terminal strip service. You can order customized terminal strips via the e-mail function. Phoenix Contact will supply the terminal strips promptly.

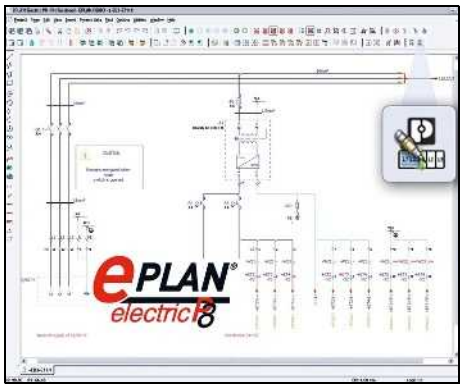
Marking module



During selection, the marking materials are displayed as a preview for rapid product selection.



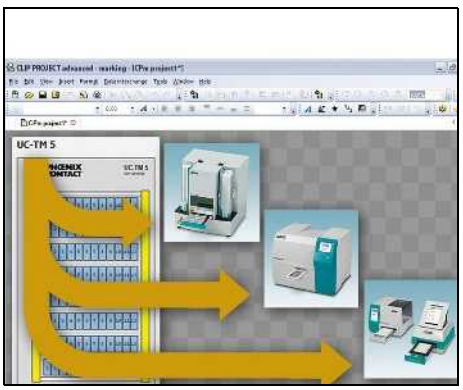
Interfaces to all CAE systems and spreadsheet and text processing programs are integrated for the open exchange of data.



By integrating CLIP PROJECT into EPLAN P8, the marking data for terminal, conductor, and equipment marking can be automatically taken from the circuit diagram.



The online update immediately provides the user with new products and program extensions for the marking and planning module.



All Phoenix Contact output devices and standard office printers can be controlled easily with just one piece of software.



Phoenix Contact provides a marking service. Orders can be placed by e-mail and all items printed and supplied to suit the customer.

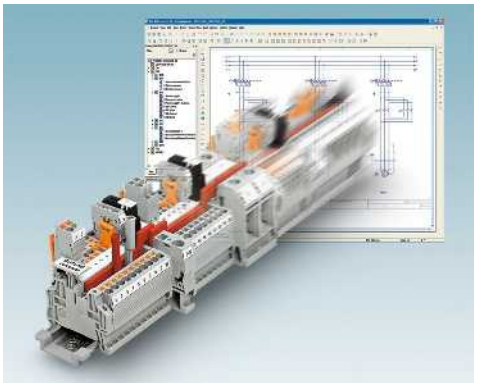
CLIP PROJECT advanced

CLIP PROJECT advanced enables the quick planning and configuration of terminal strips for the control cabinet and field. It is also possible to create individual markings for terminal blocks, cables, lines, devices, and systems:

- Planning of terminal strips with components from the CLIPLINE, Interface, TRABTECH, and Automation product ranges
- The automatic correction function performs a logical test of the terminal strips and automatically adds the necessary accessories such as covers and end brackets
- The terminal strip configurator enables the distributed arrangement of individual terminal strips on different DIN rails
- 3D preview and complete documentation of the assembled DIN rails, such as order and mounting lists
- High-performance import of labeling information and extensive design options for the custom-labeling of terminal blocks, cables, and lines, as well as devices and systems
- Numerous sorting and filter functions for efficient organization of your print jobs
- Support for all marking materials and output devices from Phoenix Contact
- Automatic Internet update
- Intuitive Windows® user interface

To reduce engineering costs and improve data quality, CLIP-PROJECT advanced supports data exchange with electrical planning systems in both directions:

- The necessary products are chosen automatically based on the circuit diagram and all of the product data is written back to the parts lists
- The marking information is automatically exported and assigned to the desired marking materials
- In order to ensure unique assignment of the marking even in the case of large projects, the project structure tree is transferred from the CAE system to CLIP PROJECT. This also enables the marking to be output in sub-projects



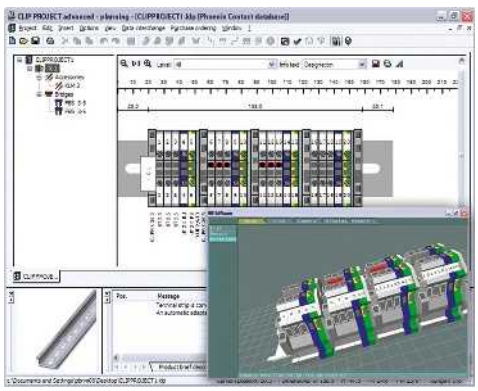


Technical data

General data	
Software interface	EPLAN 5.7 EPLAN Electric P8 AUCOTEC ELCAD AUCOTEC Engineering Base AUCOTEC RUPLAN ZUKEN E^3 Bentley Promis-e WSCAD IGE XAO PC-Schematic AUTOMATION SDProget SPAC
System requirements	
Operating systems	MS Windows 7 (32/64-bit), MS Windows 8 (32/64-bit), MS Windows 8.1 (32/64-bit), MS Windows 10 (32/64-bit)

Ordering data

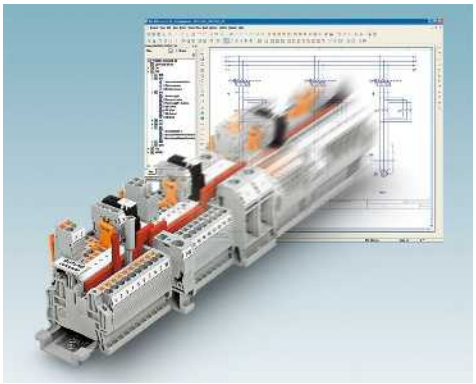
Description	Type	Order No.	Pcs./Pkt.
Planning and marking software, German, English, French, Dutch, Italian, Spanish, Russian, Polish, Hungarian, Czech, Turkish, Portuguese, Chinese and Japanese	**CLIP-PROJECT ADVANCED**	5146040	1



CLIP PROJECT professional

The CLIP PROJECT planning and marking software is available in both the CLIP PROJECT advanced and CLIP PROJECT professional versions:

– The CLIP PROJECT professional version also includes a template designer. This enables users to create their own labels and adapt existing material descriptions
– Graphics, various barcode types, and geometric elements such as squares, circles, and lines can be used for design work
– Data can also be imported into the templates from various data sources
– Rapid, simple, and flexible adaptation to changing requirements



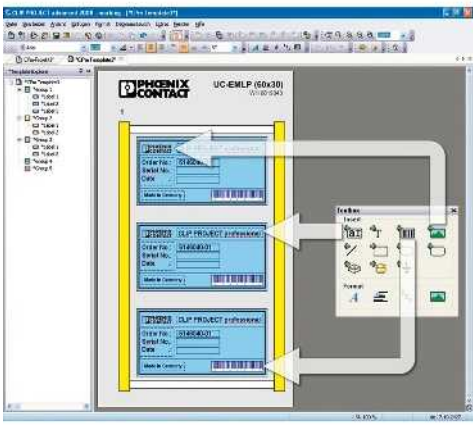


Technical data

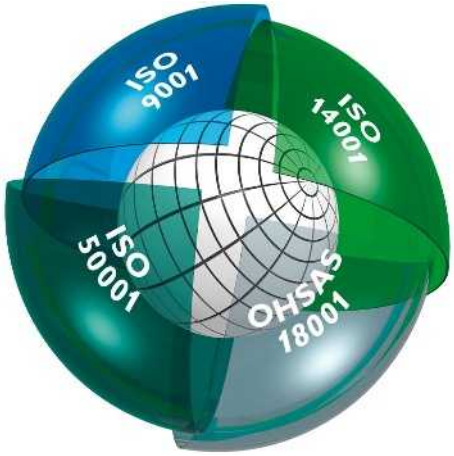
General data	
Software interface	EPLAN 5.7 EPLAN Electric P8 AUCOTEC ELCAD AUCOTEC Engineering Base AUCOTEC RUPLAN ZUKEN E^3 Bentley Promis-e WSCAD IGE XAO PC-Schematic AUTOMATION SDProget SPAC
System requirements	
Operating systems	MS Windows 7 (32/64-bit), MS Windows 8 (32/64-bit), MS Windows 8.1 (32/64-bit), MS Windows 10 (32/64-bit)

Ordering data

Description	Type	Order No.	Pcs./Pkt.
CLIP PROJECT professional, planning and marking software, with template designer, German, English, French, Dutch, Italian, Spanish, Russian, Polish, Hungarian, Czech, Turkish, Portuguese, Chinese, and Japanese	**CLIP-PROJECT PROFESSIONAL**	5146053	1



Quality in quantity



Integrated management system

The objective of the Phoenix Contact integrated management system is to integrate all requirements pertaining to products, processes, and the organization.

Statutory and regulatory requirements, as well as those of international standards and our customers, are met and, in some cases, even exceeded in all phases of the product lifecycle.

The Phoenix Contact management system is monitored by internationally recognized independent bodies each year to ensure that quality, environmental protection, energy efficiency, and occupational safety have been integrated in conformance with the relevant requirements. Certification in accordance with international standards ISO 9001, ISO 14001, ISO 50001, and BS OHSAS 18001 is the result of our corporate philosophy of meeting the needs of our customers, staff, and environment as best as possible. They serve as the basis for innovative products with the familiar high Phoenix quality standard, actively practiced environmental protection through efficient production and products that conserve resources, and responsibility in the field of occupational health and safety. It goes without saying that we integrate all further requirements of standards, international approvals or special customer requirements into our company processes.

The result of this system is a building block for the success of the Phoenix Contact Group as well as its products and services.

CE marking

CE marking was introduced as an important instrument for the free movement of goods within the European single market. By applying the mark to a product, the manufacturer confirms its compliance with all EU directives applicable to this product. The EU directives describe the product characteristics with regard to device safety and the avoidance of risks. These are legally binding regulations of the European Union (EU), which means that the fulfillment of these requirements is a **legal prerequisite for the marketing of these products within the EU**.

Where applicable, our products currently fall within the scope of the following directives:

– 2014/35/EU
  Electrical equipment designed for use within certain voltage limits (Low Voltage Directive)
– 2014/30/EU
  Electromagnetic compatibility (EMC Directive)
– 2014/32/EU
  Measuring instruments
– 2006/42/EC
  Safety of machinery (Machinery Directive)
– 2014/34/EU
  Equipment and protective systems intended for use in potentially explosive atmospheres (ATEX Directive)
– 1999/5/EC
  Radio Equipment and Telecommunications Terminal Equipment Directive (R&TTE)
– 2014/53/EU
  Radio equipment (RED)
– 2011/65/EU
  RoHS Directive

The standards used as the basis for the aforementioned directives have been at the heart of our development standard for some time as a way of ensuring compliance with European directives. The numbers of the directives indicate their version at the time of publication. In the event of changes to directives and/or standards, our products will undergo conformity assessment again in good time and a new declaration of conformity will be issued promptly. The current declarations for each product can also be found in our download area.

Among the aforementioned European directives, the EMC Directive plays a particularly important role. It uses a legally binding directive as the basis for defining electromagnetic compatibility as a fundamental device property. European legislation therefore places great emphasis on the electromagnetic compatibility of devices and systems as a basic prerequisite for the error-free operation of machines and systems. As an international leader in the field of surge protection, Phoenix Contact has extensive expertise in EMC. This expertise and the experience gained over many years in the development and application of industrial interface and communication technology have resulted in an extremely high standard of quality for our products when it comes to electromagnetic compatibility. Our sister company, Phoenix Testlab, was founded in order to share this expertise with other companies. Phoenix Testlab GmbH is an independent, accredited service company, which carries out EMC testing in compliance with the European standards. At Phoenix Testlab, devices are also tested with regard to their electrical safety, mechanical influences, and their behavior in relation to environmental influences. Phoenix Testlab is also a notified body according to EMC Directive 2014/30/EU, R&TTE Directive 1999/5/EC for radio equipment and telecommunications terminal equipment, and Radio Equipment Directive (RED) 2014/53/EU. As a certification body (TCB, FCB, and RCB), Phoenix Testlab is also able to approve these products for the markets in the USA, Canada, and Japan.

Standards and regulations

All relevant standards and regulations are used as the basis for the development and maintenance of our products.

International standards are subject to continuous changes as a result of harmonization and new developments. In line with this process, the current version of all standards that are relevant to our products is documented in the product area on our website at **phoenixcontact.net/products**.

Online product information service on the world wide web

Phoenix Contact is continuously extending its product range.

Within the scope of our product monitoring obligation, all products are subject to an improvement process.

The Internet is an ideal platform to quickly communicate new product developments and improvements to the market.

You can quickly access the relevant Phoenix Contact website for your region via phoenixcontact.com. There you will always find an up-to-date overview of products, solutions, and services from Phoenix Contact. This includes technical documents such as data sheets and user manuals, current driver and demo software, and a direct link to the relevant contact person.

Certification bodies and safety marks

Certification bodies and approvals		Country code
CB scheme	IECEE CB Scheme (in combination with certifying body)	Int..
CCA	CENELEC Certification Agreement (CCA inspection report) (in combination with certifying body)	EU
	Canadian Standards Association (CSA)	CA
	Canadian Standards Association (CSA) - CSA approval for the USA -	US
	Canadian Standards Association (CSA) Combined logo - CSA approval for Canada and the USA -	CA US
	Underwriters Laboratories Inc. (UL)	US
	Underwriters Laboratories Inc. (UL) - UL approval for Canada -	CA
	Underwriters Laboratories Inc. (UL) Combined logo - UL approval for the USA and Canada -	US CA
	INSIEME PER LA QUALITA'E LA SICUREZZA	IT
EAC	Eurasian Conformity	BY KZ RU
KEMA KEUR	DEKRA Certification B.V.	NL
ÖVE	Österreichischer Verband für Elektrotechnik	AT
SEV	electrosuisse SEV Verband für Elektro-, Energie- und Informationstechnik	CH
VDE	Verband Deutscher Elektrotechniker e.V. (VDE) – Approval of drawings – Reports with production monitoring	DE
DGUV TEST	Berufsgenossenschaft (BG) GS Tested safety	DE
Intertek	Intertek ETL Listed - Approval for the USA -	US
Intertek	Intertek ETL Listed - Approval for Canada -	CA
Intertek	Intertek ETL Listed - Approval for the USA and Canada -	US CA
TÜV	TÜV Rheinland Industrie Service GmbH	DE
CCC	China Compulsory Certification	CN
KC	Korea Communications Commission	KR

Explosion protection		Country code
IEC IECEx	International Electrotechnical Commission	Int..
Ex	ATEX Directive	EU
DEKRA	DEKRA Certification B.V.	NL
PTB	Physikalisch-Technische Bundesanstalt	DE
kiwa	KIWA Nederland B.V.	NL
VTT	VTT Expert Services Oy	FI
IBExU	IBExU Institut für Sicherheitstechnik GmbH	DE
	TÜV Rheinland do Brasil	BR
TÜV NORD	Technischer Überwachungsverein Nord	DE
DEKRA	DEKRA EXAM GmbH	DE
	Canadian Standards Association (CSA)	CA
US	Canadian Standards Association (CSA) - CSA approval for the USA -	US
C US	Canadian Standards Association (CSA) Combined logo - CSA approval for Canada and the USA -	CA US
	Underwriters Laboratories Inc. (UL)	US
	Underwriters Laboratories Inc. (UL) - UL approval for Canada -	CA
	Underwriters Laboratories Inc. (UL) Combined logo - UL approval for the USA and Canada -	US CA
FM APPROVED	FM Approvals	US
EAC Ex	Eurasian Conformity for Ex-products	BY KZ RU

Marine classification societies		Country code
DNV-GL MARITIME	DNV GL - MARITIME	DE
BUREAU VERITAS	Bureau Veritas	FR
GL	Germanischer Lloyd AG	DE
Lloyd's Register	Lloyd's Register of Shipping	GB
ClassNK	Nippon Kaiji Kyokai	JP
DNV	Det Norske Veritas	NO
	Polski Rejestr Statków	PL
	Russian Maritime Register of Shipping	RU
KR KOREAN REGISTER	Korean Register of Shipping	KR
ABS	American Bureau of Shipping	US

Competence in connection technology

CLIPLINE complete

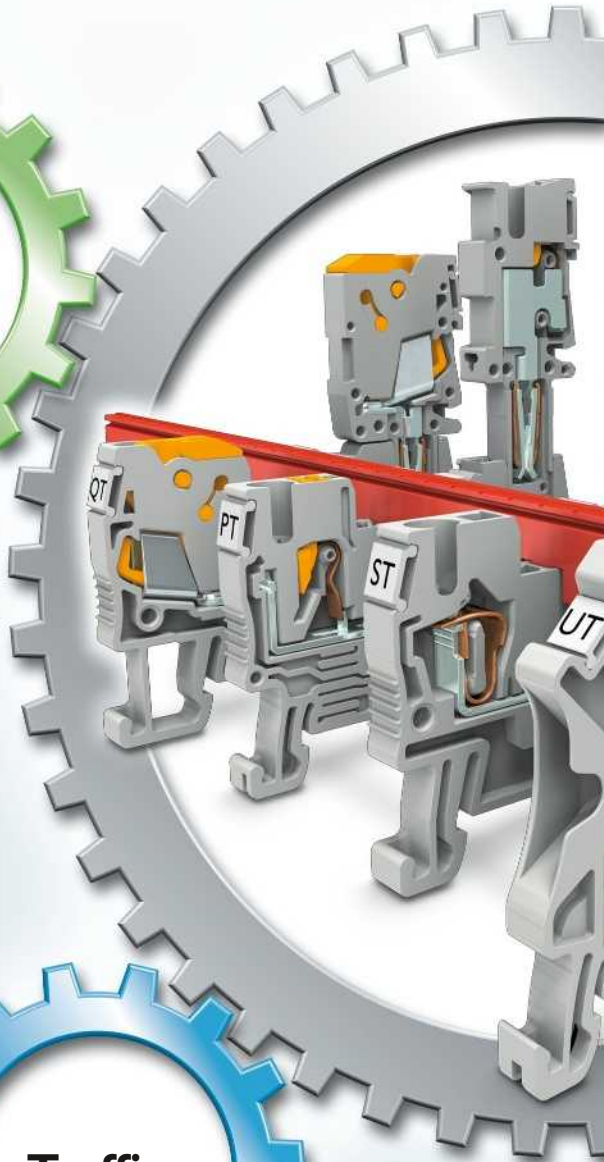
Thanks to the implementation of appropriate design measures and the use of high-grade materials, the terminal blocks from Phoenix Contact exceed the requirements imposed by standards.

The terminal blocks undergo tests which exceed the terminal block standard and which permit their use in all industries. The most prominent of these are energy supply, transportation technology, and process engineering, particularly in the chemical and petrochemical or shipbuilding industries.

The following industry-specific standard tests are performed on the terminal blocks.



Power



Lloyd's Register

BUREAU VERITAS

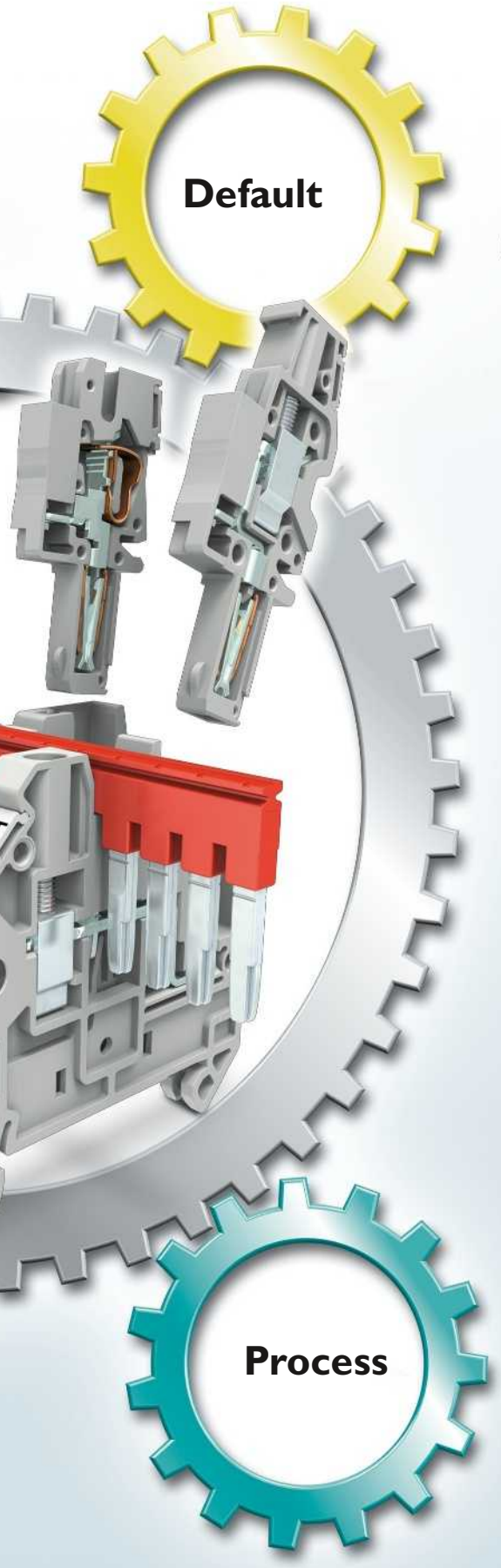
ABS

DNV

NIPPON KAIJI KYOKAI ClassNK



Traffic


Default
Process





Terminal blocks for potentially explosive areas



Phoenix Contact offers an extensive range of Ex-approved connection technology for process engineering. As a result of the high-quality contact and insulation materials, these terminal blocks are particularly suitable for rough, potentially explosive industrial applications. Terminal blocks approved for potentially explosive areas supplied by Phoenix Contact are standard terminal blocks in most cases. In addition to the usual approvals and in accordance with standard IEC/EN 60079-7, the terminals also have an IECEx and ATEX certificate from one of the EU-authorized testing centers (DEKRA, PTB, SEE, etc.).

In the case of Phoenix Contact terminal blocks it is not necessary to differentiate between Ex and non-Ex terminal blocks when ordering from stock. The advantages are clear.

Ex e type of protection

The terminal blocks on the Internet page below fulfill the requirements for degree of protection "Increased safety" Ex e, taking into consideration the installation instructions. The terminal blocks are therefore approved for installation in Zone 2 and particularly in Zone 1, i.e., in the actual Ex area. The latter however presupposes that the terminal blocks are enclosed in connection boxes. These connection boxes must also be approved for the Ex e type of protection and must also correspond to at least degree of protection IP54.

The available Ex e approved terminal blocks are divided into the following groups:

- Push-in connection terminal blocks
- Spring-cage connection terminal blocks
- Fast connection terminal blocks
- Screw connection terminal blocks
- Miniature terminal blocks
- Terminal blocks for specialized applications

Ex i type of protection

No special approval is required for terminal blocks in applications with protection type Ex i "intrinsic safety". In this case standard terminal blocks can be used as well as Ex e-approved terminal blocks. The increased requirements for air clearances and creepage distances

- between adjacent terminal blocks
- between terminal blocks and grounded metal parts as well as distances through solid insulation are specified in IEC/EN 60079-11.

Detailed information on terminal blocks in the Ex e and Ex i areas are available to download for the approved items in the product area of the website at: phoenixcontact.net/products.

Here you will find the following in detail:

- Technical data according to IEC/EN 60079
- Approved accessories
- Important installation instructions and mounting diagrams

Marking

The explosion-protected equipment must be marked in such a way as to guarantee that it is used correctly in accordance with its safety characteristics.

The marking of equipment is described in harmonized standard IEC/EN 60079. Terminal blocks with the "increased safety" type of protection must be appropriately marked.

ATEX Directive 94/9/EC

Manufacturer or trademark	
Address of the manufacturer	32823 Blomberg, Germany
Number of the notified body	0344
EU marking	Ex
Equipment group	II
Equipment category	2
Use in atmospheres	
Gas and/or	G
Dust	D

Standard marking according to EN/IEC 60079-0 for increased safety "e"

Manufacturer or trademark	
Type designation	UT 2,5 ...
Abbreviation of the explosion protection	Ex
Type of protection	e
Equipment group	II
ID of the notified body	KEMA
Certificate no. Year of issue Directive ID Processing no. Marking for components	04ATEX2048U 04 ATEX 2048 U

Worldwide explosion protection

IEC 60079

Explosion protection around the world is mainly based on the IEC 60079 series of international standards and on European and American standards and directives.

In North America, the basis for this is the National Electric Code (NEC) in the USA and the Canadian Electrical Code (CEC) in Canada. Directive 94/9/EC (ATEX 100a) is of particular importance to manufacturers of devices and protective systems within CENELEC countries of the European Community and beyond. We meet international requirements with IECEx certificates. This means that use in protection type Ex e "increased safety" is permitted in zone 1 and 2. However, this is only under the condition that the terminal blocks are enclosed in type-tested housings. These housings must meet the requirements for the increased safety protection type "e".

Requirements for terminal blocks

The protection types "d" flameproof enclosure, "p" pressurized enclosure, and "m", "q", "o" (molded, sand or oil enclosure) do not have any special requirements for terminal blocks. The protection principle of increased safety "e" (IEC/EN 60079-7) is generally based on stricter design measures. The most important ones for terminal blocks are:

- Air clearances and creepage distances
- Terminal blocks must be secured against loosening and they must be attached and designed so that the cables cannot come loose or be impermissibly damaged by the terminal point
- No transfer of contact pressure via insulated parts
- Terminal blocks that are intended for the connection of multi-stranded conductors must be fitted with an intermediate elastic element

These requirements and the technical data are checked by an independent testing institute (notified body, e.g., DEKRA, PTB, TÜV, etc.) and certified by the appropriate certificate. Proof of the following tests via type test:

- Type test according to IEC 60947-7-1/-2
- Proof of air clearances and creepage distances and dielectric test
  – Aging test:
- 14 days' storage at 95°C and 95% humidity
- 14 additional days in dry heat, level of TI value of insulation material
- 24 hours' low-temperature storage at -65°C with subsequent conductor pull-out test



Ex e-approved terminal blocks from Phoenix Contact are standard terminal blocks. These terminal blocks are 100% individually tested according to IEC/EN 60079 during the manufacturing process including via a dielectric test.

Ex e-certified products according to IEC/EN Ex are subject to compulsory marking

Note

Detailed information and data sheets with instructions for installing terminal blocks in the Ex area are available in the product area of our website at phoenixcontact.net/products.



The certificates certify that the test was carried out by the respective notified body.

Connection capacity

IEC 60947-7-1/-2

This mechanical test defines the connection of commercially available conductors according to the manufacturer's information.

Terminal blocks must be designed in such a way that conductors with the documented rated cross section and the rated connection capacity can be connected. The specifications are documented by the manufacturer in metric [mm2] and Anglo-American values [AWG].

Rated cross section means:

Value of the maximum possible cross section of all connectable conductors (stranded and single- or multi-strand) that certain thermal, mechanical, and electrical requirements refer to.

The rated connection capacity is:

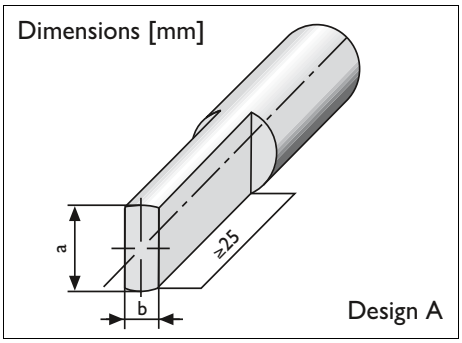
The range from the largest to the smallest connectable cross section (min. reduction 2 increments) and number of connectable conductors for which the terminal block is designed.

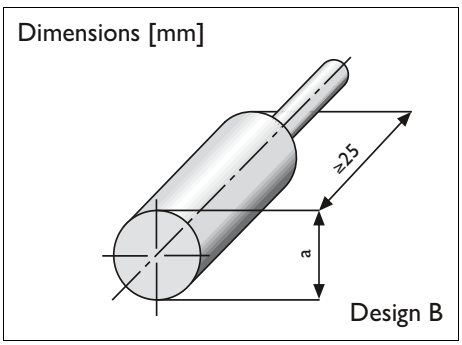
During the test, the terminal blocks are connected with the rated cross section and the rated connection capacity.

Alternatively, the rated cross section can also be verified using gauges; see figures.

It must be possible to freely insert conductors or gauges into or connect them to the open terminal point.

Terminal blocks from Phoenix Contact offer dimensions for the defined rated cross section that are well above those required by the standard. The rated cross sections can also be connected with a ferrule and insulating collar in all terminal blocks of the CLIPLINE complete system.





Gauges (internal cylindrical gauges) in designs A and B according to IEC 60947-1

Structure and dimensions of connecting cables

Cross section	Single-strand		Multi-strand		Fine-strand		American Wire Gauge						
	Maximum diameter	Number of wires	Maximum diameter	Number of wires (minimum number)	Maximum diameter	Number of wires (guide value)	Gauge no.	Solid conductors*			Stranded conductors*		
[mm²]	[mm]		[mm]		[mm]		AWG	[Ø mm]	[Circ. mil]	[mm²]	[Ø mm]	[Circ. mil]	[mm²]
0.2	0.5	1	-	-	-	-	24	0.51	404	0.21	-	-	-
0.5	0.9	1	1.1	7	1.1	16	20	0.81	1022	0.52	0.97	1111	0.56
0.75	1.0	1	1.2	7	1.3	24	18	1.02	1620	0.82	1.16	1600	0.82
1	1.2	1	1.4	7	1.5	32	(17)	1.15	2050	1.04	-	-	-
-	-	-	-	-	-	-	16	1.29	2580	1.31	1.50	2580	1.32
1.5	1.5	1	1.7	7	1.8	30	(15)	1.45	3260	1.65	-	-	-
-	-	-	-	-	-	-	14	1.63	4110	2.08	1.85	4100	2.09
2.5	1.9	1	2.2	7	2.3	50	(13)	1.83	5180	2.63	-	-	-
-	-	-	-	-	-	-	12	2.05	6530	3.31	2.41	6500	3.32
4	2.4	1	2.7	7	2.9	56	(11)	2.30	8230	4.17	-	-	-
-	-	-	-	-	-	-	10	2.59	10380	5.26	2.95	10530	5.37
6	2.9	1	3.3	7	3.9	84	(9)	2.91	13100	6.63	-	-	-
-	-	-	-	-	-	-	8	3.26	16510	8.37	3.73	16625	8.48
10	3.7	1	4.2	7	5.1	80	(7)	3.67	20800	10.56	4.15	20820	10.55
-	-	-	-	-	-	-	6	4.12	26240	13.30	4.67	26250	13.39
16	4.6	1	5.3	7	6.3	126	(5)	4.62	33100	16.77	5.24	33100	16.77
-	-	-	-	-	-	-	4	5.19	41740	21.15	5.90	41650	21.24
25	-	-	6.6	7	7.8	196	3	5.83	52600	26.67	6.61	52630	26.67
35	-	-	7.9	7	9.2	276	2	6.54	66360	33.62	7.42	66150	33.74
-	-	-	-	-	-	-	1	7.35	83690	42.41	8.33	83706	42.69
50	-	-	9.1	19	11	396	1/0	8.25	105600	53.51	9.35	104640	53.36
70	-	-	11	19	13.1	360	2/0	9.27	133100	67.44	10.52	132300	67.47
95	-	-	12.9	19	15.1	475	3/0	10.40	167800	85.03	11.79	172500	87.98
-	-	-	-	-	-	-	4/0	11.08	211600	107.22	13.26	210400	107.30
120	-	-	14.5	37	17	608	250 kcmil		250 MCM	127	14.62	250000	127.00
150	-	-	16.2	37	19	756	300 kcmil		300 MCM	152	16.00	300000	152.00
185	-	-	18	37	21	925	350 kcmil		350 MCM	177	17.30	350000	177.00
240	-	-	20.6	61	24	1224	500 kcmil		500 MCM	253	20.66	500000	253.00
300	-	-	23.1	61	27	1525	600 kcmil		600 MCM	304	-	-	-
400	-	-	26.1	61	31	-	-	-	-	-	-	-	-

* 1000 circular mils = 1 MCM = 1 kcmil

Connection of aluminum conductors

UT and UKH series screw terminal blocks are designed for direct connection of aluminum conductors according to the directives governing conductor pretreatment. Under pressure, aluminum yields more than copper due to a low modulus of elasticity. It is said to "flow". Furthermore, after stripping the aluminum conductor, an oxide layer forms on the conductor surface as a reaction to air. This oxide layer leads to increased contact resistance between the aluminum conductor and the terminal point. The oxide layer must therefore be removed before wiring. In addition, the maximum current carrying capacity of aluminum conductors is lower than that of copper wires. In general, an aluminum conductor with a larger cross section than copper wire is required to achieve the same current carrying capacity. Based on the properties specified, UT ... and UKH series... screw connection terminal blocks from Phoenix Contact have been qualified through extensive tests for the use of aluminum conductors. An important quality feature of this qualification is the 1000 hour current cycling test according to IEC 61545. As part of this test, the terminal block and aluminum conductor combination is supplied with current for an hour and then switched off for an hour. The cycle is repeated 500 times. Temperature measurements are taken at the terminal points during the 1000 hours in accordance with a defined schedule. The measured values must not exceed defined limit values. The table below lists all Phoenix Contact screw connection terminal blocks that have undergone these tests.

Approved combinations of screw connection terminal blocks with aluminum conductors

Color versions of terminal block series are included in the approval.

Terminal block	Conductor cross section [mm²]														Recommended tightening torque [Nm]
	2.5	4	6	10	16	25	35	50	70	95	120	150	185	250	
UT 2,5 (-PE)	RE	RE													0.6
UT 4 (-PE)	RE	RE	RE												0.8
UT 6 (-PE)	RE	RE	RE	RE											1.8
UT 10 (-PE)	RE	RE	RE	RE	RE										1.8
UT 16 (-PE)	RE	RE	RE	RE	RE	RE									3.0
UT 35 (-PE)	RE	RE	RE	RE	RE	RE	RE								3.7
UKH 25			RE	RE	RE	RE									4.5
UKH 50							RE	SE							8
UKH 70								SE	SE						10
UKH 95									SE	SE					20
UKH 150											SE	SE			30
UKH 240													SE	SE	30

RE	Round, single-strand, class 1; approved
SE	Sector-shaped, single-strand, class 1 α = 90°; approved



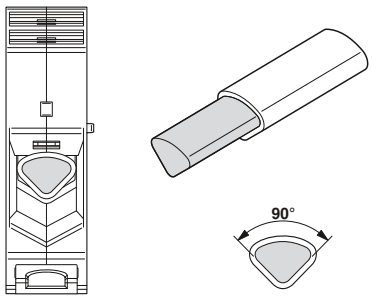


Single-strand aluminum conductors in round (RE) form up to 35 mm² with the relevant approved cross section can be connected directly to the above-listed feed-through terminal blocks with screw connection. When connecting aluminum conductors of 50 mm² and above, only sector-shaped, single-strand conductors (SE) may be used and they must be inserted as illustrated.

When directly connecting aluminum conductors to UT ... and UKH series ... feed-through terminal blocks from Phoenix Contact, the following guidelines on conductor pretreatment must be followed:

- Remove the oxide layer from the stripped end of the aluminum conductor using a blade (suitable knife, e.g., WIREFOX-D 13 stripping tool).
- Immerse immediately in a non-acid and non-alkali medium, i.e., neutral Vaseline.
- The installation location must be free from humidity or aggressive atmospheres.
- When using an aluminum conductor, tighten the screw in the clamping part of the screw terminal block with the recommended tightening torque for the respective terminal block. It is not necessary to retighten the terminal point. (See Torque screwdrivers, Catalog 3)
- Repeat pretreatment when reconnecting the conductors

Sector-shaped aluminum conductors should be inserted in the terminal point of UKH terminal blocks as illustrated. The rounded section of the conductor should be at the top so that the right-angled area of the aluminum conductor is positioned on the prism-shaped base of the terminal sleeve.



Example for UKH ... – connecting sector-shaped, single-strand aluminum conductors

Accessories, e.g., bi-metal cable lugs (Al/Cu crimp cable lugs) can be used to connect stranded aluminum conductors. See phoenixcontact.net/products

Mechanical strength

IEC 60947-7-1/-2

The mechanical stability of the terminal point is checked in a practical test. For this purpose, the terminal points of the terminal blocks must be repeatedly connected without loss of quality of the terminal connection. Solid conductors with the rated cross section are therefore used to connect and disconnect the terminal block five times over with the torque specified in the manufacturer's information. The test is carried out on the middle terminal block of a block of five. Before and after the test, the terminal block must pass a voltage-drop test. The terminal point must withstand repeated reconnection without sustaining obvious damage. The voltage drop before and after the test must not exceed 3.2 mV nor must it exceed 1.5 times the value measured before the test. Terminal blocks from Phoenix Contact are suitable for repeated connection without any recognizable loss of quality. The extent of possible connections and disconnections can reach up to 5000 cycles, depending on the connection technology.

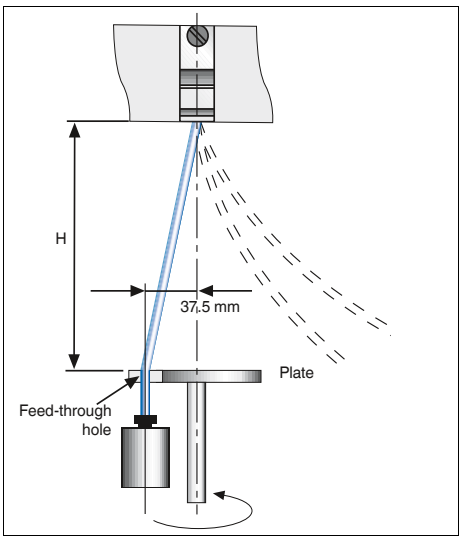
Bending test – flexion test

IEC 60947-7-1/-2

Correctly wired terminal blocks must offer a high degree of mechanical safety. This includes the reliable clamping of the conductor. Therefore, tests are performed with solid and stranded wires with the minimum cross section, with the rated cross section, and with the maximum cross section. A vertically fixed terminal block is connected to a conductor. At the end of the conductor, a test weight corresponding to the cross section is attached. The conductor is fed through a central 37.5 mm aperture in a rotating disc and turned about its own axis 135 times. This procedure must not damage the clamping area on the conductor. Afterwards, the contact must pass a conductor pull-out test. Terminal blocks from Phoenix Contact are designed to ensure that the conductor makes contact in the clamping area gently.

Cross section [mm²]	AWG	Spacing H [mm]	Load [kg]
0.2	24	260	0.3
to	to	to	to
4	12	280	0.9
to	to	to	to
240	500 kcmil	464	20.0

The conductor and contact point remain unaffected and retain the same properties even after repeated clamping.



Test equipment according to the standard

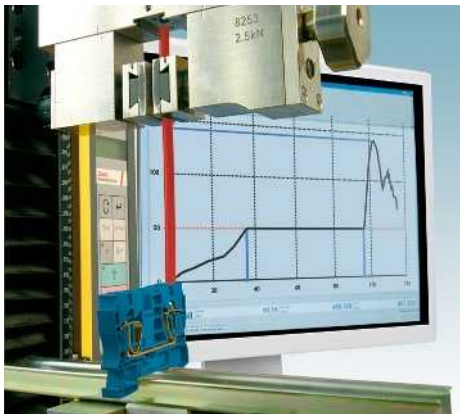
Conductor pull-out test

IEC 60947-7-1/-2

Tensile forces can affect the terminal point during wiring or operation. Therefore, terminal blocks must be wired correctly to offer a high degree of mechanical safety. To test the tensile load capacity of a terminal point, the terminal point must withstand a given tensile force based on the cross section for over 60 seconds. This test is performed after the bending test. Performing these two tests directly one after the other intensifies the requirements. The tensile force exerts stress on the conductor at the terminal point. The conductor must be held within the terminal point without sustaining damage. The test results for terminal blocks from Phoenix Contact are up to 150% above the required minimum values.

Conductor pull-out forces according to IEC 60999/EN 60999/VDE 0609-1, Table III (up to 35 mm²)

Conductor cross section		Tensile force
[mm²]	AWG/kcmil	[N]
0.2 –	24 22	10 20
0.5 0.75	20 18	15 30
1.0 1.5	– 16	35 40
2.5 4.0	14 12	50 60
6.0 10	10 8	80 90
16 25	6 4	100 135
– 35	3 2	156 190
– 50	1 0	236 236
70 95	00 000	285 351
– 120	0000 250	427 427
150 185	300 350	427 503
– 240	400 500	503 578
300	600	578



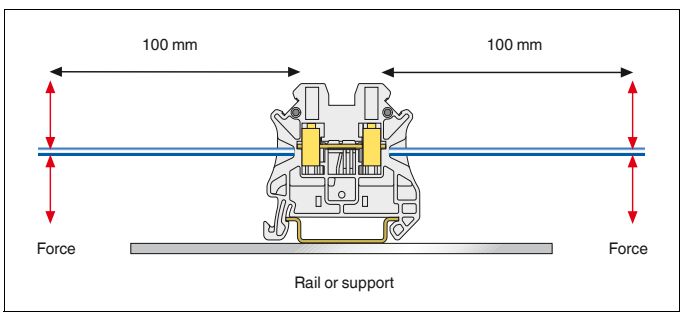
Absorption of tensile force on a 10 mm² spring-cage terminal block

Tight fit of the terminal block

IEC 60947-7-1/-2

Besides reliable conductor contact, the terminal block must be able to withstand forces without coming loose from its support. Furthermore, no unacceptable damage may occur. To test whether the fit is tight, a terminal block is mounted on a standard DIN rail in accordance with the manufacturer's information. Then steel rods with a length of 150 mm are clamped into the terminal points. Cross-section-dependent tensile and pressure forces are exerted on terminal points over a lever distance of 100 mm and during the latching of the terminal block. The terminal block must not come loose or break off the rail. The structural design of the terminal blocks from Phoenix Contact ensures a reliable tight fit on different DIN rail systems.

Cross section [mm²]	Cross section AWG	Force [N]	Diameter of the steel bar [mm]
0.75	18	1	1.0
1		1	1.0
1.5	16	1	1.0
2.5	14	1	1.0
4	12	1	1.0
6	10	5	2.8
10	8	5	2.8
35	2	10	5.7
50	0	10	5.7
240	500 kcmil	20	20.5



DIN rails

DIN rails / protective conductor busbars
Extract from IEC 60947-7-2 / EN 60947-7-2 / DIN EN 60947-7-2 / VDE 0611-3

Phoenix Contact type	Rail profile	Material	Short-circuit withstand capability ≙ E CU conductor [mm²]*	Short-time withstand current 1 s [kA]	Maximum permissible thermal nominal current for PEN function [A]
NS 15 UNPERF 2000MM	DIN rail, according to EN 60715 – 15 x 5.5	Steel	10	1.2	* *
NS 15 PERF 2000MM	DIN rail, according to EN 60715 – 15 x 5.5	Steel	10	1.2	* *
NS 15-AL PERF 2000MM	DIN rail, dimensions acc. to EN 60715 – 15 x 5.5	Aluminum	16	1.92	76
NS 32 UNPERF 2000MM	G-profile rail, acc. to EN 60715 – G 32	Steel	35	4.2	* *
NS 32 PERF 2000MM	G-profile rail, acc. to EN 60715 – G 32	Steel	35	4.2	* *
NS 32-CU/35 QMM UNPERF 2000MM	G-profile rail, dimensions acc. to EN 60715 – G 32	Copper	120	14.4	269
NS 32-CU/120 QMM UNPERF 2000MM	G-profile rail, similar to EN 60715 – G 32	Copper	150	18.0	309
NS 35/7,5 UNPERF 2000MM	DIN rail, according to EN 60715 – 35 x 7.5	Steel	16	1.92	* *
NS 35/7,5 PERF 2000MM	DIN rail, according to EN 60715 – 35 x 7.5	Steel	16	1.92	* *
NS 35/7,5 ZN UNPERF 2000MM	DIN rail, similar to EN 60715 – 35 x 7.5	Steel	16	1.92	* *
NS 35/7,5 ZN PERF 2000MM	DIN rail, similar to EN 60715 – 35 x 7.5	Steel	16	1.92	* *
NS 35/7,5 V2A UNPERF 2000MM	DIN rail, similar to EN 60715 – 35 x 7.5	Steel	16	1.92	* *
NS 35/7,5-CU UNPERF 2000MM	DIN rail, similar to EN 60715 – 35 x 7.5	Copper	50	6.0	150
NS 35/7,5-AL UNPERF 2000MM	DIN rail, similar to EN 60715 – 35 x 7.5	Aluminum	35	4.2	125
NS 35/15-2,3 UNPERF 2000MM	DIN rail, according to EN 60715 – 35 x 15	Steel	50	6.0	* *
NS 35/15 UNPERF 2000MM	DIN rail, similar to EN 60715 – 35 x 15	Steel	25	3.0	* *
NS 35/15 PERF 2000MM	DIN rail, similar to EN 60715 – 35 x 15	Steel	25	3.0	* *
NS 35/15 ZN UNPERF 2000MM	DIN rail, similar to EN 60715 – 35 x 15	Steel	25	3.0	* *
NS 35/15 ZN PERF 2000MM	DIN rail, similar to EN 60715 – 35 x 15	Steel	25	3.0	* *
NS 35/15-CU UNPERF 2000MM	DIN rail, similar to EN 60715 – 35 x 15	Copper	95	11.4	232
NS 35/15-AL UNPERF 2000MM	DIN rail, similar to EN 60715 – 35 x 15	Aluminum	70	8.4	192

* Cross sections calculated according to IEC 60439-1/EN 60439-1/DIN EN 60439-1/VDE 0660-500.
* * Protective conductor busbars made of steel may not be used for the PEN function.

Air clearances and creepage distances

IEC 60947-7-1 / UL 1059

Carrying out a dimensional check of air clearances and creepage distances confirms that electrical insulation properties are adequate with respect to the following:

– Application
– Expected contamination
– Ambient conditions

The minimum distances are defined in IEC 60947-1 and UL 1059.

The distance is verified by measuring between two neighboring terminal blocks and the support, taking into account the shortest distances.

For the clearance, this means:

The clearance is the shortest distance in the air between two conductive parts. The deciding factors for rating the minimum clearance values are the rated surge voltage and the overvoltage category of the terminal block.

For the creepage distances, this means:

The creepage distance is the shortest distance along the insulating body between two conductive parts. The deciding factors for determining the minimum creepage distance are the rated voltage, the pollution degree, and the insulation material group of the terminal block.

The minimum values can be taken from the table values for the relevant standards.

IEC 60947-7-1

Phoenix Contact terminal blocks are designed with overvoltage category III and pollution degree 3 with the required distances.

UL 1059

Phoenix Contact terminal blocks are generally designed for a nominal voltage of 600 V in Use Group C.

Detailed information can be found in the data sheets or the catalog documentation.

UL Use group	Definition	Voltage, maximum [V]
A	Operating elements, consoles, and similar	150 300 600
B	Conventional devices, including office and electronic data processing equipment and similar	150 300 600
C	Industrial applications, without restrictions	150 300 600
D	Industrial applications, equipment with limited rating	300 600

Insulation coordination for electrical equipment within low-voltage systems

Dimensioning air clearances and creepage distances according to DIN EN 60664-1/VDE 0110-1.

This part of the standard is based on IEC 60664. It contains specifications for insulation coordination for equipment within low-voltage systems. This part applies to equipment to be used up to 2000 m above sea level. This safety standard is primarily aimed at technical committees. If there are no applicable product provisions for a piece of equipment you may apply the standard at your discretion. International and European product standards are cited in this catalog. These standards include the specifications on insulation coordination in accordance with DIN EN 60664 / VDE 0110-1.

Insulation coordination

Insulation coordination includes the selection of electrical insulation properties for equipment as regards intended applications and ambient conditions. Separate requirements must be applied for air clearances and creepage distances and for solid insulation. The surge voltages to be expected, characteristics of surge protective devices, and pollution at the intended site must be considered when dimensioning clearances. Clearances are then dimensioned according to the external or internal surge voltages to be expected. The different surge voltages directly determine the required clearance. They are grouped into categories with a numerical value which defines a rated impulse voltage. These overvoltage categories (I to IV) are used for equipment that is directly supplied by low-voltage networks. They are primarily based on statistical observations. You will find the definition of the individual categories in the extract from DIN EN 60664 /VDE 0110-1 below.

The clearances can be calculated according to Table 2 (minimum clearances) depending on the homogeneity level of the field between the electrodes (case A – non-homogeneous field, case B – homogeneous field).

Clearances according to case A withstand the assigned impact voltages under all conditions. You can use equipment dimensioned according to case A without further testing. Clearance values according to case B are based on ideal conditions. Clearance values which fall between case A and case B must be proven by means of an impulse voltage test.

Prevailing voltages, the properties of insulation materials, the pollution to be expected, and safety measures against pollution are considered when dimensioning creepage distances.

When determining the air clearances and creepage distances, the effect of pollution is considered according to three intensity levels (pollution degree 1 to 3).

The creepage distance is based on the rated voltage that is derived from the working voltage or nominal mains voltage. The minimum creepage distances are assigned to the rated voltages according to the degree of pollution in Table 4.

If the respective product descriptions do not contain any additional specifications, the products presented in this catalog are rated for overvoltage category III and pollution degree 3 according to this regulation (DIN EN 60664-1/VDE 0110-1).

Overvoltage categories I to IV

- Equipment in **overvoltage category IV** can be used at the terminal point of the installation.
  Note: Examples of such equipment include electricity meters and primary protective devices for overcurrent protection.
- Items in **overvoltage category III** can be used in fixed installations and are intended for such cases where there are special requirements for the reliability and availability of the items.
  Note: Examples of such equipment include switches in fixed installations. In addition, equipment for industrial use with long-term connection to the fixed installation.
- Equipment in **overvoltage category II** includes power-consuming items that are fed from the fixed installation.
  Note: Examples of such equipment include household appliances, portable tools, other domestic appliances, and similar devices.
- Equipment in **overvoltage category I** can be connected to circuits where measures have been taken to limit the surge voltages to a suitable lower value.

Pollution degrees 1 to 4

The following four pollution degrees have been defined for the micro-environment in order to determine air clearances and creepage distances:

- **Pollution degree 1**
  No pollution or only dry, non-conductive pollution occurs. The pollution has no effect.
- **Pollution degree 2**
  Only non-conductive pollution occurs. However, temporary conductivity due to condensation must occasionally be taken into consideration.
- **Pollution degree 3**
  Conductive pollution occurs or dry, non-conductive pollution which becomes conductive, since condensation is to be expected.
- **Pollution degree 4**
  Permanent conductivity occurs, caused by conductive dust, rain or moisture.

Insulation material

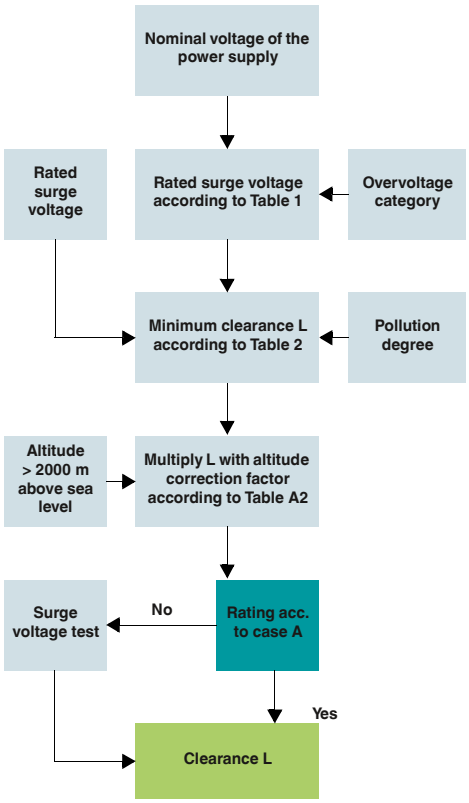
DIN EN 60664/VDE 0110-1 classifies insulation materials into four groups depending on their CTI values that were obtained using solution A as per IEC 60112.
Insulation material group I: 600 ≤ CTI
Insulation material group II: 400 ≤ CTI ≤ 600
Insulation material group III a: 175 ≤ CTI < 400
Insulation material group III b: 100 ≤ CTI < 175.

The comparative tracking index of the creepage distance formation must have been determined based on suitable samples using test solution A as specified in DIN IEC 60112.

The proof tracking index of the creepage distance formation (PTI) is used as proof of the creepage current properties of insulation materials.

Dimensioning of clearances

Schematic for determining clearances



Rated surge voltages for equipment that is directly supplied by the low-voltage network (extract from Table 1)

Nominal voltage of the power supply system [1] (mains) as per IEC 60038 [3]		Conductor-neutral conductor voltage derived from the total nominal AC voltage or nominal DC voltage	Rated surge voltage [2] [V]			
Three-phase	Single-phase		Overvoltage category [4]			
[V]	[V]	[V]	I	II	III	IV
	120 to 240	50	330	500	800	1500
		100	500	800	1500	2500
		150	800	1500	2500	4000
230/400 277/480		300	1500	2500	4000	6000
400/690		600	2500	4000	6000	8000
1000		1000	4000	6000	8000	12000

[1]) Refer to Appendix B for application in existing deviating low-voltage networks and their nominal voltages.

[2]) Equipment with this rated surge voltage may be used in systems according to IEC 60364-4-443.

[3]) The slash, i.e., /, indicates a three-phase four-wire system. The lower value is the conductor-to-neutral-conductor voltage, whereas the higher value is the conductor-to-conductor voltage. When only one value is specified, it refers to a three-phase three-conductor system, and indicates the conductor-to-conductor voltage.

[4]) Refer to 2.2.2.1.1 for an explanation of overvoltage categories.

Minimum clearances for overvoltages (extract from Table 2)

Required rated impulse voltage [1] [5]	Condition A Non-homogeneous field (refer to 3.15)			Condition B Homogeneous field (refer to 3.14)		
	Pollution degree [6]			Pollution degree [6]		
	1	2	3	1	2	3
[kV]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
0.33 [2])	0.01	0.2 [3]) [4])	0.8 [4])	0.01	0.2 [3]) [4])	0.8 [4])
0.40	0.02			0.02		
0.5 [2])	0.04			0.04		
0.60	0.06			0.06		
0.80 [2])	0.10			0.10		
1.0	0.15			0.15		
1.2	0.25	0.25		0.2		
1.5 [2])	0.5	0.5		0.3	0.3	
2.0	1.0	1.0	1.0	0.45	0.45	
2.5 [2])	1.5	1.5	1.5	0.6	0.6	
3.0	2.0	2.0	2.0	0.8	0.8	
4.0 [2])	3	3	3	1.2	1.2	1.2
5.0	4	4	4	1.5	1.5	1.5
6.0 [2])	5.5	5.5	5.5	2	2	2
8.0 [2])	8	8	8	3	3	3
10	11	11	11	3.5	3.5	3.5
12 [2])	14	14	14	4.5	4.5	4.5
15	18	18	18	5.5	5.5	5.5
20	25	25	25	8	8	8
25	33	33	33	10	10	10
30	40	40	40	12.5	12.5	12.5
40	60	60	60	17	17	17
50	75	75	75	22	22	22
60	90	90	90	27	27	27
80	130	130	130	35	35	35
100	170	170	170	45	45	45

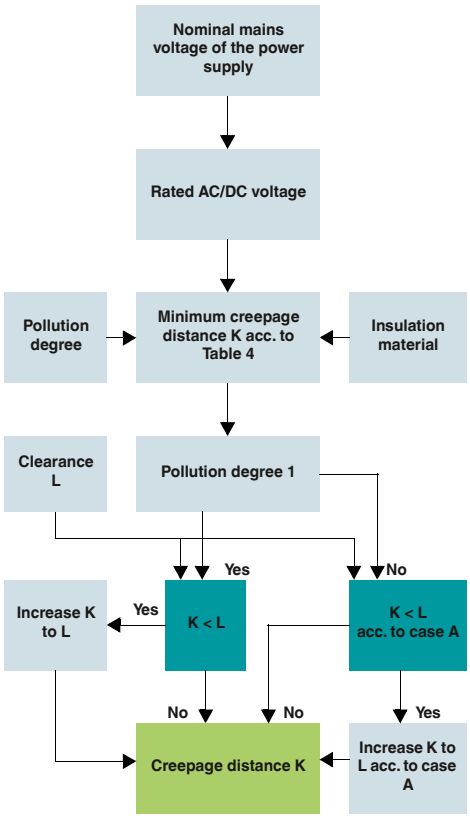
[1]) This voltage is:
– For function insulation: the highest surge voltage expected for the clearance
– For basic insulation, if influenced directly or considerably by transient overvoltages from the low-voltage network: the rated surge voltage of the equipment.
– For a different basic insulation: the highest surge voltage possible in the circuit.
[2]) Preferred values.
[3]) For PCBs, the values of pollution degree 1 are applicable, except that no deviation below the value of 0.04 mm is permitted, as specified in Table 4.
[4]) Minimum clearances for pollution degrees 2 and 3 are based on the corresponding creepage distances. This resistance is reduced due to the effects of humidity.
[5]) Values can be interpolated for parts or circuits within equipment that are subjected to surge voltages.
[6]) The distances for pollution degree 4 are equal to those for pollution degree 3, except that the minimum clearance is 1.6 mm.

Altitude correction factors (extract from Table A.2)

Altitude [m]	Normal air pressure [kPa]	Multiplication factor for distances
2000	80.0	1.00
3000	70.0	1.14
4000	62.0	1.29
5000	54.0	1.48
6000	47.0	1.70
7000	41.0	1.95
8000	35.5	2.25
9000	30.5	2.62
10000	26.5	3.02
15000	12.0	6.67
20000	5.5	14.50

Dimensioning of creepage distances

Schematic for determining creepage distances



Single-phase three or two-conductor AC or DC voltage systems (extract from Table 3 a)

Nominal voltage of the power supply system (mains) *)	Voltages for Table 4	
	For conductor-to-conductor insulation 1) All systems	For conductor-to-ground insulation 1) Three-conductor systems center point grounded
[V]	[V]	[V]
12.5	12.5	–
24 25	25	–
30	32	–
42 48 50 **)	50	–
60	63	–
30 - 60	63	32
100 **)	100	–
110 120	125	–
150 **)	160	–
220	250	–
110 - 220 220 - 240	250	125
300 **)	320	–
220 - 440	500	250
600 **)	630	–
480 - 960	1000	500
1000 **)	1000	–

1) Conductor-to-ground insulation levels for non-grounded systems or those grounded through impedance correspond to conductor-to-conductor insulation levels as the operating voltage of every conductor to ground can, in practice, reach the conductor-to-conductor voltage. This is based on the fact that the actual voltage to ground is determined by the insulation resistance and capacitive reactance of each conductor to ground. Therefore, a low (but permissible) insulation resistance of a conductor can practically ground this and raise the two others to conductor-to-conductor voltage to ground.

*) Refer to 2.2.1 for correlation with the rated voltage.

**) These values correspond to the values in Table 1.

Three-phase four or three-conductor AC voltage systems (extract from Table 3 b)

Nominal voltage of the power supply system (mains) *)	Voltages for Table 4		
	For conductor-to-conductor insulation All systems	Insulation for conductor to ground	
		Three-phase four-conductor systems with grounded neutral conductor 2)	Three-phase three-conductor systems non-grounded 1) or conductor grounded
[V]	[V]	[V]	[V]
60	63	32	63
110/120/127	125	80	125
150 **)	160	–	160
208	200	125	200
220/230/240	250	160	250
300 **)	320	–	320
380/400/415	400	250	400
440	500	250	400
480/500	500	320	500
575	630	400	630
600 **)	630	–	630
660/690	630	400	630
720/830	800	500	800
960	1000	630	1000
1000 **)	1000	–	1000

1) Conductor-to-ground insulation levels for non-grounded systems or those grounded through impedance correspond to conductor-to-conductor insulation levels as the operating voltage of every conductor to ground can, in practice, reach the conductor-to-conductor voltage. This is based on the fact that the actual voltage to ground is determined by the insulation resistance and capacitive reactance of each conductor to ground. Therefore, a low (but permissible) insulation resistance of a conductor can practically ground this and raise the two others to conductor-to-conductor voltage to ground.

2) For equipment designed for use in three-phase four-conductor and three-phase three-conductor systems, grounded as well as non-grounded, only the values for three-conductor systems may be used.

*) Refer to 2.2.1 for correlation with the rated voltage.

**) These values correspond to the values in Table 1.

Creepage distances to prevent failures occurring due to creepage (extract from Table 4)

Voltage 1) r.m.s. value	Minimum creepage distances								
	Printed circuits								
	Pollution degree			Pollution degree					
	1	2	1	2			3		
	All insulation material groups	All insulation material groups except III b	All insulation material groups	Insulation material group			Insulation material group		
				I	II	III	I	II	III 2)
[V]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
10	0.025	0.04	0.08	0.4	0.4	0.4	**1.00**	**1.00**	**1.00**
12.5	0.025	0.04	0.09	0.42	0.42	0.42	**1.05**	**1.05**	**1.05**
16	0.025	0.04	0.10	0.45	0.45	0.45	**1.10**	**1.10**	**1.10**
20	0.025	0.04	0.110	0.48	0.48	0.48	**1.20**	**1.20**	**1.20**
25	0.025	0.04	0.125	0.5	0.5	0.5	**1.25**	**1.25**	**1.25**
32	0.025	0.04	0.140	0.53	0.53	0.53	**1.30**	**1.30**	**1.30**
40	0.025	0.04	0.16	0.56	0.8	1.1	**1.4**	**1.6**	**1.8**
50	0.025	0.04	0.18	0.6	0.85	1.2	**1.5**	**1.7**	**1.9**
63	0.040	0.63	0.20	0.63	0.9	1.25	**1.6**	**1.8**	**2.0**
80	0.063	0.10	0.22	0.67	0.95	1.3	**1.7**	**1.9**	**2.1**
100	0.10	0.16	0.25	0.71	1.0	1.4	**1.8**	**2.0**	**2.2**
125	0.16	0.25	0.28	0.75	1.05	1.5	**1.9**	**2.1**	**2.4**
160	0.25	0.4	0.32	0.8	1.1	1.6	**2.0**	**2.2**	**2.5**
200	0.40	0.63	0.42	1.0	1.4	2.0	**2.5**	**2.8**	**3.2**
250	0.56	1.0	0.56	1.25	1.8	2.5	**3.2**	**3.6**	**4.0**
320	0.75	1.6	0.75	1.6	2.2	3.2	**4.0**	**4.5**	**5.0**
400	1.0	2.0	1.00	2.0	2.8	4.0	**5.0**	**5.6**	**6.3**
500	1.3	2.5	1.30	2.5	3.6	5.0	**6.3**	**7.1**	**8.0**
630	1.8	3.2	1.80	3.2	4.5	6.3	**8.0**	**9**	**10.0**
800	2.4	4.0	2.40	4.0	5.6	8.0	**10.0**	**11**	**12.5**
1000	3.2	5.0	3.20	5.0	7.1	10	**12.5**	**14**	**16.0**
1250			4.20	6.3	9	12.5	**16**	**18**	**20**
1600			5.60	8	11	16	**20**	**22**	**25**
2000			7.50	10	14	20	**25**	**28**	**32**
2500			10	12.5	18	25	**32**	**36**	**40**
3200			12.5	16	22	32	**40**	**45**	**50**
4000			16	20	28	40	**50**	**56**	**63**
5000			20	25	36	50	**63**	**71**	**80**
6300			25	32	45	63	**80**	**90**	**100**
8000			32	40	56	80	**100**	**110**	**125**
10000			40	50	71	100	**125**	**140**	**160**

1) This voltage is:
a) For function insulation: the working voltage.
b) For basic and additional insulation of a circuit supplied directly by the low-voltage network: either the voltage selected from Table 3 a or 3 b on the basis of the rated voltage of the equipment or the rated insulation voltage.
c) For basic and additional insulation of systems, equipment, and internal circuits which are not supplied directly from the mains: the highest r.m.s. value of the voltage that, within the bounds of the rated data, can occur in the system, the equipment or the internal circuit, when supplied with rated voltage and in the case of the most unfavorable combination of operating conditions.

2) With pollution degree 3, insulation material group III b is not recommended for use if voltages are greater than 630 V.

Dielectric test

IEC 60947-7-1/-2/UL 1059

This electrical test is used to demonstrate adequate creepage distances.

To test that the distances between the potentials of two neighboring terminal blocks and between a terminal block and the DIN rail are sufficient, an appropriate test voltage is applied.

Rated insulation voltage (U_i)

The r.m.s. or DC voltage value that is permanently acceptable as a maximum when correctly used.

The test voltage must be applied for over 60 seconds. The assignment illustrated in the table is to be used as the basis for this.

Rated insulation voltage U_i [V]	Test voltage (effective) [V]
$U_i \leq 60$	1000
$60 < U_i \leq 300$	1500
$300 < U_i \leq 690$	1890
$690 < U_i \leq 800$	2000
$800 < U_i \leq 1000$	2200
$1000 < U_i \leq 1500$	

IEC 60947-7-1/-2

No sparkover or disruptive discharge may occur during testing. Creepage currents must stay below 100 mA.

UL 1059

Test voltage = 1000 V + 2 x rated insulation voltage U_i

Terminal blocks from Phoenix Contact with a rated insulation voltage of 800 V consistently pass the dielectric test with 2000 V~.

Surge voltage test

IEC 60947-7-1/-2

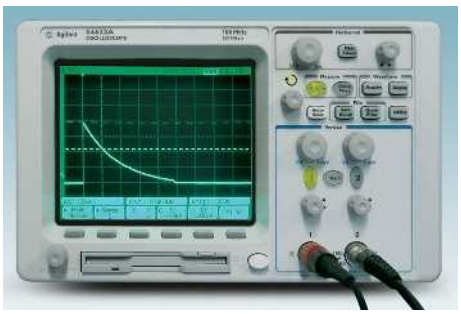
Proof of sufficiently large clearances between two neighboring potentials is provided by means of the surge voltage test.

The test with the surge voltage is carried out five times at intervals of at least 1 s. The test is carried out for each polarity depending on the rated insulation voltage.

The distance between neighboring terminal blocks or between the terminal block and rail is examined.

There must be no unintentional sparkovers during the test.

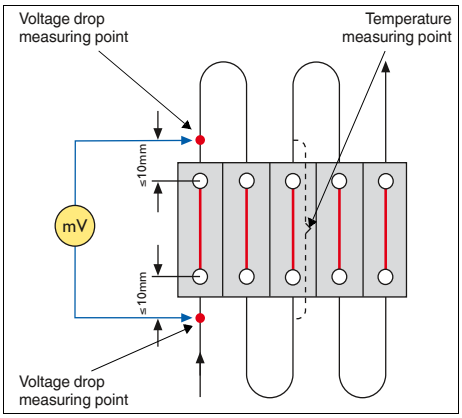
Rated surge voltages for Phoenix Contact terminal blocks are between 6 and 8 kV. Operationally reliable use of the documented operating voltages of the terminal blocks is thereby effectively confirmed.

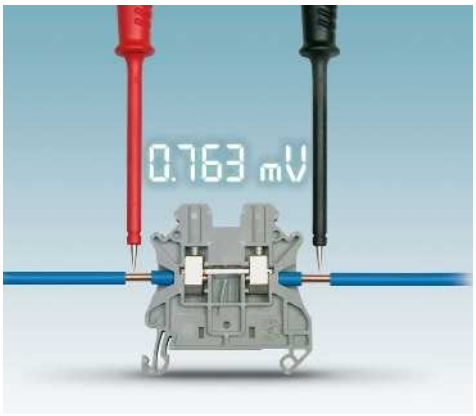


The oscilloscope shows the time curve for a surge voltage pulse

Voltage-drop test

IEC 60947-7-1/-2





Voltage pick-off on a screw terminal block

In every terminal point of a terminal block, one or more conductors are connected - depending on the connection technology. Current transfer is strongly affected by the electrical resistance between the conductor and the current bar. High-quality contacts create a gas-tight connection. This is the only way to ensure a permanently reliable connection. This electrical test therefore determines the voltage drop on a terminal block (two terminal points). Conclusions can therefore be made regarding the contact resistance and the contact quality.

The terminal blocks are wired with the rated cross section. For measuring purposes, a direct test current corresponding to 0.1 times the current carrying capacity of the rated cross section is applied to the terminal blocks. The voltage drop is picked off at a distance of ≤ 10 mm from the middle of the terminal point (see diagram).

At a room temperature of ~20°C, the voltage drop must not exceed 3.2 mV per terminal block before or after the test, nor must it exceed 1.5 times the value measured at the start of the test.

Terminal blocks from Phoenix Contact are up to 60% below the limit values required by standards.

Rated cross section [mm²]	Current carrying capacity [A]	Rated cross section AWG	Current carrying capacity [A]
0.2	4	24	4
0.5	6	20	8
0.75	9	18	10
1	13.5	-	-
1.5	17.5	16	16
2.5	24	14	22
4	32	12	29
6	41	10	38
10	57	8	50
16	76	6	67
35	125	2	121
50	150	0	162
95	232	0000	217
150	309	00000	309
240	415	500 MCM	415

Temperature-rise test

IEC 60947-7-1/-2/UL 1059

The rise in temperature of a terminal block must be kept to an absolute minimum.

The contact resistance must therefore be as low as possible. This test is used to document the rise in temperature (at room temperature) that occurs during exposure to a test current.

IEC 60947-7-1/-2

Five terminal blocks are horizontally mounted on a rail and connected in series using 1 or 2 m conductor loops with the rated cross section. The terminal blocks are exposed to a test current that is as high as the current carrying capacity of the rated cross section. The rise in temperature of the middle terminal block is documented (see figure: voltage-drop test, page 655).

Assuming a room temperature of ~20°C, a maximum rise in temperature of 45 K is permitted in the terminal block. A voltage-drop test is then performed on the terminal block.

UL 1059

The process basically corresponds to the IEC test, only the conductor lengths differ. Three terminal blocks are horizontally mounted adjacent to one another. The measurement is taken at an ambient temperature of 25°C, whereby a maximum rise in temperature of 30 K (measured as close as possible to the terminal point) is permitted. Due to the high-quality contact materials used in terminal blocks from Phoenix Contact, all connection technologies offer lower heating values than are required by the specified standards.

Current carrying capacity

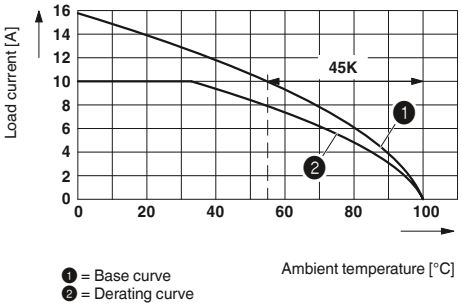
Standard IEC 60947-7-1/ EN 60947-7-1/DIN VDE 0611-1 specifies the test currents listed in the adjacent table for the individual conductor cross sections. The corresponding currents are listed with the connection data for the individual terminal blocks. The type tests of terminal blocks are based on this data.

Test currents according to IEC 60947-7-1/EN 60947-7-1, Table 5

Rated cross section	[mm²]	0.2	0.5	0.75	1.0	1.5	2.5	4	6	10	16
Test current	[A]	4	6	9	13.5	17.5	24	32	41	57	76

Rated cross section	[mm²]	25	35	50	70	95	120	150	185	240	300
Test current	[A]	101	125	150	192	232	269	309	353	415	520

Base and derating curve, test setup, ambient temperature



❶ = Base curve
❷ = Derating curve

To determine the current carrying capacity of plug-in terminal blocks, arrangements with a variety of positions are selected, and electrically connected in series using conductors with the same cross section. For the practical determination of the derating curves, the current carrying capacity of the plug-in terminal blocks is determined according to DIN EN 60512-5-1.

Here, after applying various currents (e.g., 10 A, 17.5 A, 24 A, and 32 A) and setting the temperature balance, the maximum temperature increase that occurs on the test objects is measured.

When the upper limiting temperature of the insulation material – here, always assumed to be 100°C – is taken into account, these values yield a derating curve dependent on the ambient temperature: the "base curve".

An adjusted capacity curve – the "derating curve" – is generated according to DIN EN 60512-5-2. In accordance with this standard, the permissible load current is 0.8 times the respective base current. The derating factor "...takes into account manufacturing tolerances in the connector contact system, as well as uncertainties in the temperature measurement and the measuring arrangement". For the majority of items in this catalog, derating curves are given for 2-, 5-, 10-, and 15-pos. arrangements.

SCCR – short-circuit current rating

SCCR – short-circuit current rating

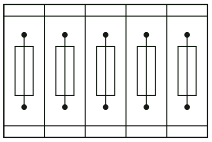
As of April 2006, the NEC (National Electrical Code) has required the short-circuit withstand capability of industrial controllers to be specified. These SCCR values (short-circuit current rating) can be calculated with the help of UL 508A. The calculation must be replicated on the rating plate of every industrial switching system in the USA for all primary circuits and for the control power supply. Standard values for non-specified components are listed in UL 508A – Table SB 4.1. A value of 10 kA is assumed for terminal blocks. Phoenix Contact produces a wide range of products with considerably higher SCCR values than this. The terminal blocks in the CLIPLINE complete system are all documented with SCCR values of 100 kA.

The SCCR values for terminal blocks from Phoenix Contact are listed in detail in UL file number E60425. The UL file is stored in and can be retrieved from the UL database via the following link:

http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.html

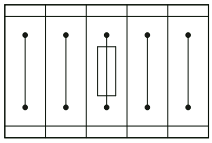
Technical notes - fuse terminal blocks

Fuse terminal blocks in compound arrangement



Block consisting of five fuse terminal blocks

Arrangement with individual fuse terminal block



Block consisting of one fuse terminal block and four feed-through terminal blocks

Attention:
The cartridge fuse holders should be selected according to the maximum power dissipation (self-heating) of the cartridge fuse-links. The thermal conditions in closed fuse holders should be checked according to the application and installation.

Higher ambient temperatures are an additional strain on fuse-links. Take into account the corresponding shift in the rated current in this kind of application.

Max. power dissipation at 23°C according to DIN EN 60947-7-3: 2009-4
When selecting cartridge fuse-links, please ensure that the maximum power dissipation specified below is not exceeded. Details can be obtained from the fuse manufacturers.

5 x 20 mm cartridge fuse-links according to DIN EN 60947-7-3:2009-4
Technical data on the power dissipation of further fuse terminal block types can be found at phoenixcontact.net/products
[1]) The rated operating voltage is determined by the selected cartridge fuse-link.

Terminal block or connector	U [1]) [V]	Overload protection		Short-circuit protection only		$I_{max.}$ [A]
		Individual	Compound	Individual	Compound	
P-FU 5 x 20-5	400	1.6 W	1.6 W	4.0 W	2.5 W	6.3
P-FU 5 x 20	400	1.6 W	1.6 W	4.0 W	2.5 W	6.3
PT 4-HESI (5 x 20)	400	1.6 W	1.6 W	4.0 W	2.5 W	6.3
UT 4-HESI (5 x 20)	500	1.6 W	1.6 W	4.0 W	2.5 W	6.3
ST 4-HESI (5 x 20)	500	1.6 W	1.6 W	4.0 W	2.5 W	6.3
ZFK 6-DREHSI (5 x 20)	800	4.0 W	2.5 W	4.0 W	4.0 W	6.3
QTC 2,5-HESI (5 x 20)	500	1.6 W	1.6 W	4.0 W	2.5 W	6.3
UK 10-DREHSI	800	4.0 W	2.5 W	4.0 W	4.0 W	10
USIG with ST-SI	500	2.5 W	2.5 W	4.0 W	4.0 W	6.3
UK-SI	400	1.6 W	1.6 W	4.0 W	2.5 W	6.3
UK 5-HESI	800	2.5 W	2.5 W	4.0 W	2.5 W	6.3
UKK 5-HESI (5 x 20)	400	2.5 W	1.6 W	4.0 W	2.5 W	6.3
UK 4-TG with ST-SI-UK 4	250	1.6 W	1.6 W	4.0 W	1.6 W	6.3
6.3 x 32 mm cartridge fuse-links according to DIN EN 60947-7-3:2009-4 **Technical data on the power dissipation of further fuse terminal block types can be found at phoenixcontact.net/products**						
UT 6-HESI (6,3 x 32)	630	2.5 W	2.5 W	4.0 W	2.5 W	10
ST 4-HESI (6,3 x 32)	500	2.5 W	2.5 W	4.0 W	2.5 W	10
ZFK 6-DREHSI (6,3 x 32)	500	2.5 W	2.5 W	4.0 W	2.5 W	10
UK 10-DREHSI	400	2.5 W	2.5 W	4.0 W	2.5 W	10
USIG with ST1-SI	500	2.5 W	2.5 W	4.0 W	2.5 W	10
UK 6,3-HESI	500	2.5 W	1.6 W	4.0 W	2.5 W	10
UKK 5-HESI (6,3 x 32)	400	2.5 W	1.6 W	4.0 W	2.5 W	10

Short-time withstand current

IEC 60947-7-1/-2

Terminal blocks must, in practice, also be capable of resisting short-circuit currents until the relevant safety equipment cuts off the current without sustaining any damage. This can take up to several tenths of a second.

For testing purposes, a terminal block is mounted on the support and wired to a conductor with the rated cross section.

Protective conductor terminal blocks are subjected in three stages of one second each to a current density of 120 A/mm² of the rated cross section.

The requirements are met if, after the test, the individual parts are undamaged and they can still be used.

Before and after the test, the terminal block must pass the voltage-drop test. The voltage drop before and after the test must not exceed 3.2 mV per terminal block nor must it exceed 1.5 times the value measured before the test.

In the case of a 240 mm² high-current terminal block from Phoenix Contact, a test current of 28,800 A is passed through the terminal block for one second without loss of quality.



Maximum contact reliability, even under extreme overload. A plug-in spring-cage terminal block is shown here.

Aging test

IEC 60947-7-1/-2

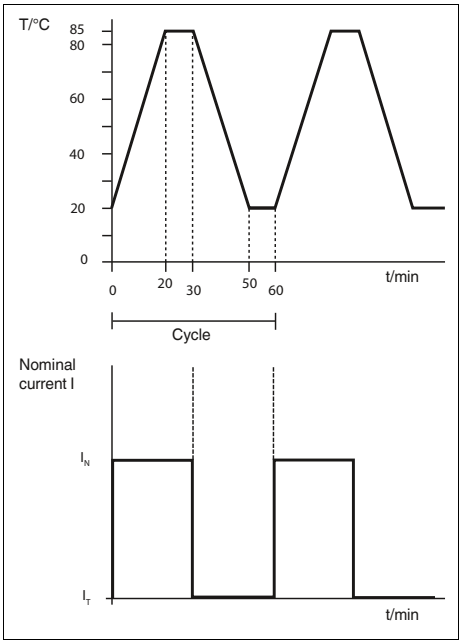
From the point of view of long lifecycles of terminal blocks, the aging behavior also plays an important role.

In this test, the contact quality is verified by means of simulated aging.

To simulate several years of use, five terminal blocks are mounted horizontally on a rail and connected in series using conductors with the rated cross section. The voltage drop is measured at each terminal block. These terminal blocks are connected by conductors of at least 300 mm in length. The minimum temperature in the climate cabinet is set to 20°C and the maximum temperature to 85°C. During the heating phase and the 10 minute pause phase with maximum temperature, the rated current flows. As a result, the maximum permissible operating temperature of the test object (130°C maximum) is reached. This is followed by the cooling phase. The voltage drop is always measured after 24 cycles in the cooled down state (approximately 20°C). The test consists of a total of 192 cycles.

The voltage drop must not exceed 3.2 mV initially. During or after testing, it must not exceed 4.8 mV or 1.5 times the value measured after the 24th cycle.

Terminal blocks from Phoenix Contact are designed for extreme durability even under difficult temperature conditions. Plastic as well as metal parts provide sufficient safety reserves.





Current and temperature in relation to time

Corrosion test

DIN 50018

The key role of the metal parts of electrical connections becomes particularly apparent in aggressive environments. Corrosion-free contact areas are a prerequisite for low-resistance and therefore high-performance connections. This test method describes a corrosion test in condensation climates with an atmosphere that contains sulfur dioxide. Acidic compounds < Ph 7 form during the test and attack the metal surfaces. Two liters of distilled water and one liter of SO_2 gas are introduced into the test chamber. At a test temperature of 40°C, sulfurous acid forms during the test.

After eight hours of testing, the test objects dry for 16 hours with the door open. At the end of the test, the test objects are visually inspected and the contact resistance is measured in order to show the influence of this corrosion test on the contact point in more detail. Phoenix Contact terminal blocks create high-quality gas-tight connections. Even aggressive media cannot affect the connection.



Environmental testing methods

IEC 60068-2-42/43

The mechanical and electrical service life of terminal blocks is directly dependent on the metal parts and insulating materials used. To evaluate the climatic effects on electrical connections, terminal blocks are subjected to various environmental simulation tests. The conductor contact points, the knife disconnect points, and the test contacts are included in these tests. The contact resistance values, the secure fit of the conductor, and the visual assessment of the contact points after each test serve as evaluation criteria.

– 10-day storage in aggressive SO_2 industrial atmospheres at 25°C and 75% humidity

– 4-day storage in aggressive H_2S atmospheres at 25°C and 75% humidity.

After the test has been completed, the contact resistance must not exceed 1.5 times the initial value. The function of the terminal block must be ensured without any limitation. The high standard of quality of Phoenix Contact terminal blocks is achieved by using corrosion-resistant, high-grade copper alloys.

Salt spray

IEC 60068-2-11/-52

Particularly in shipbuilding, technical components have to function continuously in corrosive atmospheres. The salt content of the air combined with the increased humidity places high demands on the metal parts used. The impact of the climate at sea can be simulated on the basis of the above standard.

The resistance of the materials is tested with salt spray in corrosive atmospheres. The test objects are placed in the test chamber and subjected to a fine spray of 5% sodium chloride solution (NaCl; pH value 6.5 - 7.2) at a temperature of 35°C for a period of 96 hours.

At the end of the test, the test objects are visually inspected and an electrical test is performed to show the influence of this corrosion test on the contact point in more detail.

All Phoenix Contact terminal blocks, whatever their connection technology, create gas-tight connections. This means that the contact point is protected against corrosion even under extreme climatic conditions.



Temperature shock test

DIN EN 60352 P4

As mentioned earlier, rapid changes in temperature frequently occur near process-related sources of heat and cold in process engineering. This test verifies that the contact quality of the terminal points remains consistently high even with rapid temperature changes.

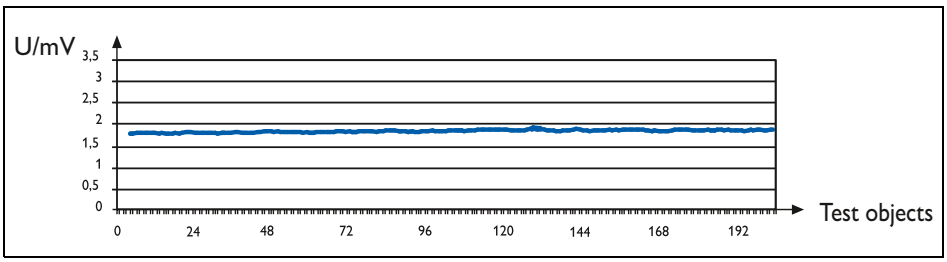
For testing purposes, five terminal blocks are mounted on the support and wired to a conductor with the rated cross section. The structure is subjected to rapid temperature changes using a two-chamber method. The temperatures lie close to the upper and lower limiting temperatures of the terminal block. This is generally a temperature range of -60°C to +100°C. The dwell time in each climatic chamber is 45 minutes, whereby the change takes place within a few seconds. This change is performed for 100 cycles.

The requirements are met if, after the test, the individual parts are undamaged and their further use is guaranteed.





After the terminal block has cooled down to room temperature, it must undergo a voltage-drop test. Phoenix Contact terminal blocks exhibit consistently good temperature behavior thanks to high-quality materials.



Voltage-drop test on more than 200 test objects after the test

Vibration test

DIN EN 61373 – broadband noise (intensity according to DIN EN 50155)

In transportation technology, terminal blocks are exposed to constant vibrations and shocks. These vibrations occur particularly in the vicinity of engines, rotating drives, and axles.

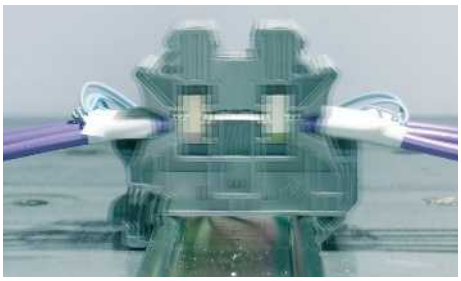
For a practical simulation of the vibration stress, the test objects are subjected to broadband noise-induced vibrations. This means that realistic accelerations are generated at the terminal block and the connected conductor.

During the category 1 B test, the objects are exposed to a frequency range of 5 Hz to 150 Hz. The r.m.s. value of the acceleration is up to 5.72 m/s². The test objects are tested for 5 hours on each of the three axes (x, y, z).

In addition to the vibrations, the electrical contact is monitored during the test to make it more difficult.

No damage may occur to the terminal blocks that would impair their further use. No contact interruptions of > 1 µs are permitted during the test.

All Phoenix Contact terminal blocks, whatever their connection technology, meet this high vibration requirement.



Shock testing

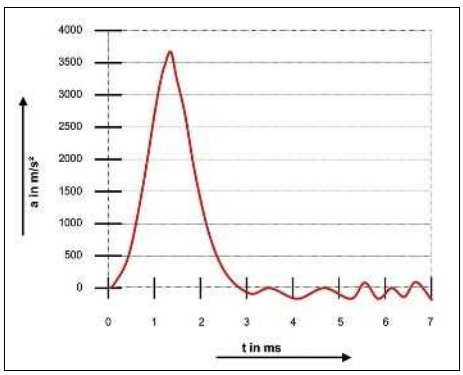
IEC 60068-2-27

This test is performed to test and document the resistance of a terminal connection to irregular shocks with varying energy content. Intensities from DIN EN 50155 and DIN EN 61373 (European standard for railway applications) are used to simulate the load in rail traffic.

Acceleration and duration are specified in order to define the shock.
IEC 60068-2-27 prescribes three positive and negative shocks on each of the three spatial axes (X, Y, Z). The simulated accelerations reach 50 m/s² with a shock duration of 30 ms.

No damage may occur at the terminal connection that would impair further use. The contact behavior on the test objects is monitored during the test. When the railway standard is applied, no contact interruptions of > 1 µs are permitted.

Phoenix Contact terminal blocks achieve this shock resistance and are suitable for applications with the most extreme vibrations.



Shock diagram with 3 ms/350 g

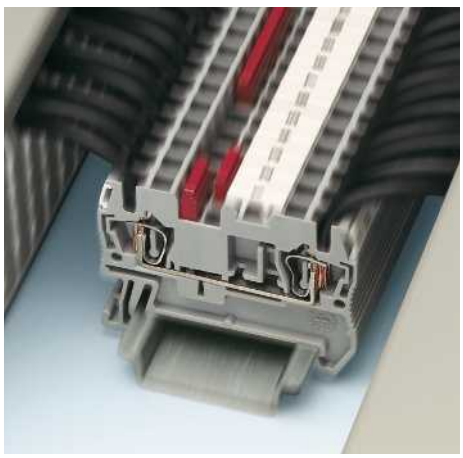
Vibration test

IEC 60068-2-6

This test demonstrates the vibration resistance of a terminal connection subjected to permanent vibrations. Harmonic, sinusoidal vibrations are applied to the test object to simulate rotating, pulsating or oscillating forces. The test is performed on each of the three spatial axes (X, Y, Z). The test is performed over a frequency range of 5 Hz to 150 Hz. This equates to a speed of one octave per minute. The r.m.s. value of the acceleration is up to 40 m/s². The test objects are tested for 2 hours on each of the three axes (x, y, z).

No damage may occur to the terminal blocks that would impair their further use. In addition, no contact interruptions of > 1 µs are permitted during the test. The contact resistance is measured before and after the test.

All connection technologies meet the requirements of the standard with no interruption of the electrical contact. They are therefore particularly suitable for challenging applications in which the reliable function of the terminal connection must be ensured, even when subjected to vibrations.



Quality characteristics of insulation materials

Thermoplastics

The majority of our insulating housing is made from thermoplastic materials. Roughly speaking, these can be divided into amorphous and semi-crystalline substances. Thermoplastics are processed using the efficient and environmentally-friendly injection molding process. They have good recycling and re-use properties. Electrical and electronic modules, devices, and systems are highly demanding in terms of mechanical, thermal, and electrical characteristics. A variety of differently modified materials fulfil these requirements. Thermoplastics are halogen-free. This means that combustion does not cause fumes that can lead to corrosive condensation alone or in conjunction with humidity. They also contain no silicone compounds, formaldehyde, PCB or PCT.

Behavior of plastics under the influence of temperature (operating temperatures)

Plastics undergo a process referred to as thermal aging when they are subjected to heat over long periods. This process causes changes in the mechanical and electrical properties of the material. External influences, e.g., radiation, additional mechanical, chemical or electrical stresses, amplify this effect. Special tests on samples yield characteristic data which provides a good means of drawing comparisons between different plastics. However, it is only possible to apply these characteristics to an evaluation of molded plastic parts to a limited extent and it only gives the designer a rough guide when it comes to selecting a plastic material.
IEC 60947-7-1/EN 60947-7-1 states an approved temperature increase for terminal blocks of 45 K at nominal load. Terminal blocks from Phoenix Contact meet this requirement.

Inflammability characteristics of plastics (UL 94)

The inflammability tests for plastics are defined by the Underwriters Laboratories (USA) in regulation UL 94. This regulation applies to all areas of application, particularly in electrical engineering. A horizontal or vertical test is carried out at the test laboratory to determine the inflammability of the plastic material with a naked flame. In order of increasing resistance to combustion, the evaluation classes are HB, V1, V2, V0. The test results are listed in what are referred to as "Yellow Cards". The results appear annually in the **Recognized Component Directory.**

Thermoplastics: non-reinforced polyamide, PA

We use the modern, semi-crystalline insulation material, polyamide, which is now an essential component in electrical engineering and electronics. Polyamide has led this field for a long time. It is authorized for use by the relevant approval authorities such as the CSA, KEMA, PTB, SEV, UL, VDE, etc.

Polyamide has excellent electrical, mechanical, and chemical properties, even at high operating temperatures. Brief peak temperatures of up to approximately 200°C are permitted as a result of heat aging stabilization. Depending on the type (PA 4.6, 6.6, 6.10, etc.), its melting point is in the region of 215°C to 295°C.

Polyamide absorbs moisture from its surroundings (2.8% on average). This is not the embedded water of crystallization, however, but rather chemically bound H_2O groups in the molecular structure. This makes the plastic flexible and resistant to breakage, even at temperatures as low as -40°C. PA has a flammability rating of V2 to V0 as per UL 94.

Thermoplastics: fiber-reinforced polyamide, PA-F

Fiber-reinforced polyamide is characterized by strong rigidity and hardness. Operating temperatures are even higher than those of non-reinforced materials. This means that fiber-reinforced polyamides are also suitable for use in applications such as surge protection.

Reinforced polyamide absorbs less moisture than the non-reinforced material. Otherwise, the properties are largely the same. According to UL 94, fiber-reinforced polyamide has a flammability rating of HB to V0, although V0 materials are usually only available in black.

Thermoplastics: ABS

We use the thermoplastic molding compound ABS for products which need good impact and notched impact properties plus high mechanical stability and rigidity. These products are resistant to chemicals and stress cracking due to their special surface quality and hardness.

Their characteristic thermal properties provide good dimensional stability at both low and high temperatures. Products made of ABS can be coated with metallic surfaces, e.g., nickel.

We use molding compounds with a flammability rating of HB to V0 (according to UL 94).

Thermoplastics: polyvinyl chloride, PVC

PVC is resistant to salt solutions, diluted and concentrated lyes, and to most diluted and concentrated acids except for fuming sulfuric acid and concentrated nitric acid.

PVC is flame-retardant even without fire protection equipment (B1 according to DIN 4102 to UL 94 V0).

Properties	Unit/ level	Polyamide PA	Polyamide PA	Polyamide PA-GF	Polyamide PA-GF	Polycarbonate PC-GF
Continuous temperature, DIN IEC 60216	[°C]	≤ 130	≤ 125	120	120	130
Minimum temperature for use (without mechanical load)	[°C]	-60	-60	-60	-60	-60
Electric strength, IEC 60243-1/DIN VDE 0303-21	[kV/cm]	600	600	330	400	300
Resistance to creepage, IEC 60112/DIN VDE 0303-1	CTI...	600	600	550	475	175
Tropical and termite resistance		Good	Good	Good	Good	Good
Specific contact resistance IEC 60093/VDE 0303-30; IEC 60167/VDE 0303-31	[Ω cm]	10^{12}	10^{12}	10^{12}	10^{12}	$> 10^{14}$
Surface resistance IEC 60093/VDE 0303-30; IEC 60167/VDE 0303-31	[W]	10^{10}	10^{10}	10^{12}	10^{12}	$> 10^{14}$
Flammability rating according to UL 94		V0	V2	V0	HB	V0

Insulation material properties

IEC 60210-1/UL 746 B

In the following tests, an increased load on the terminal block is simulated over a longer period of time. The behavior of plastics at constantly higher temperatures is described with respect to their tensile strength and insulation properties.
IEC 60216 and UL 746 B specify a temperature index that allows conclusions to be drawn regarding the service life of plastics under thermal loads. Characteristic values are specified for both properties:
– mechanically as a TI value according to IEC 60216
– electrically as an RTI value according to UL 746 B

IEC 60216 – TI value

The tensile strength is measured over 5000 hours and the result is extrapolated to 20,000 hours. After 20,000 hours, the temperature at which the tensile strength has decreased by half is recorded.

UL 746 B – RTI value

The RTI (elec.) indicates the highest operating temperature before a disruptive discharge occurs under certain test conditions. The polyamides used by Phoenix Contact are classified as follows:

	UL 94 V2	UL 94 V0
TI	105°C	125°C
RTI	125°C	130°C

Ceramic terminal blocks, for example, are available for use at higher temperatures.

Surface inflammability

ASTM E 162

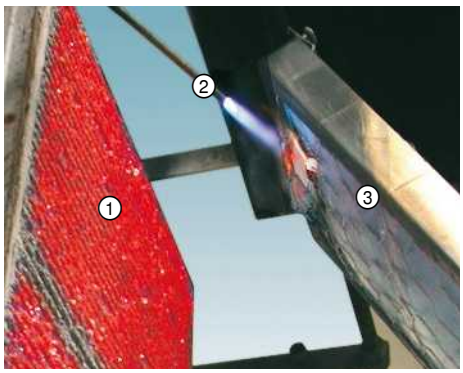
The spread of a fire under the influence of heat is tested and evaluated in the above standard.

To evaluate the surface inflammability of plastics, a "flame spread index" is devised according to ASTM E 162 to provide information on flame propagation under given test conditions.

For this purpose, a sample (152 x 457 x maximum 25.4 mm) is irradiated with a heat source (815°C) at an angle of 30° and ignited with a naked flame at the top end. During the 15 minute duration of the test, the time in which the flame front reaches two measuring points that are 76 mm apart is determined. The product of this flame propagation time and a calculated heat development factor yields the "flame spread index".

In the American railroad sector, the maximum limit value is 35. The drip behavior of the plastic is also observed and evaluated during the test.

Terminal blocks from Phoenix Contact achieve a flame spread index of 5 and produce non-burning droplets. The terminal blocks thus lie well below the approved maximum values of the "Federal Railroad Administration (FRA)" of the U.S. Department of Transportation.



① Radiant heater
② Flame
③ Plastic sample

Smoke gas development

ASTM E 662

The standard ASTM E 662 specifies a procedure for evaluating the specific optical density of the smoke (smoke opacity) during an open fire or a smoldering fire. For this purpose, the percentage of light transmitted in relation to the burning chamber volume is observed. Testing is carried out on a sample (76 mm x 76 mm x maximum 25 mm) in a smoke density chamber defined by the NBS (National Bureau of Standards) (see figure). The test object is irradiated with a heat of 2.5 W/cm². The following processes are then simulated for 20 minutes:

1. Burning with a naked flame
2. Smoldering fire, avoidance of a naked flame

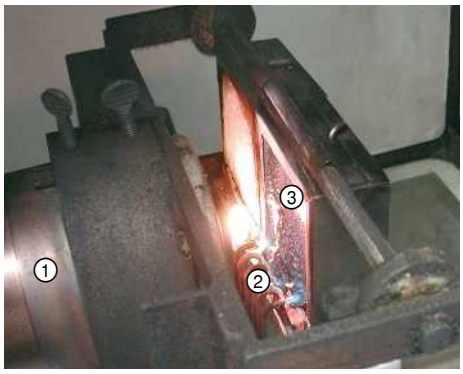
There are special limit values for the optical smoke density of both processes that are recorded after 1.5 and 4 minutes.

a. Specific optical smoke density (Ds1.5) – limit value 100

b. Specific optical smoke density (Ds4) – limit value 200

c. Maximum smoke density (Dm) during the 20 minutes

The polyamides used for Phoenix Contact terminal blocks meet all the requirements of the Federal Railroad Administration (FRA) of the US Department of Transportation according to ASTM E 662.



① Radiant heater
② Flame
③ Plastic sample

Behavior in fire

NF F 16-101

NF F 16-101 describes the behavior in fire of plastics on the basis of two indices (I and F). As such, the following tests are performed: glow-wire test, oxygen index, smoke gas opacity, smoke gas toxicology.

1. Determination of index I (0 - 4)

Index I is determined from the results of the glow-wire test and the oxygen index, using the following table. Here, I 0 is the best classification and I 4 the worst.

Index	Oxygen index	Glow wire
I 0	70%	960°C, no flame formation
I 1	45%	960°C, no flame formation
I 2	32%	960°C, no flame formation
I 3	28%	850°C, no flame formation
I 4	20%	850°C, flame extinguishes quickly

2. Determination of smoke index F (0 – 5)

This is based on the smoke gas opacity and the smoke gas toxicity. The following concentrations in [ppm] are considered critical:

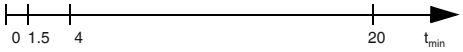
Carbon monoxide (CO) _____1750
Carbon dioxide (CO_2) _____90,000
Hydrochloric acid (HCl) _____ 150
Hydrobromic acid (HBr) _____ 170
Hydrocyanic acid (HCN)_____ 55
Hydrofluoric acid (HF) _____ 17
Sulfur dioxide (SO_2) _____ 260

Based on the test results, a smoke index is documented and can be assigned to classes F0 – F5 depending on the value. Here, F 0 is the best classification and F 5 the worst. Terminal blocks from Phoenix Contact attain classification I 2/F 2.

Smoke gas toxicity

SMP 800-C

SMP 800-C describes the maximum permissible values of poisonous smoke gases when a plastic is burned. In comparison with BSS 7239 (Boeing standard), this standard specifies more precise measuring methods for the qualitative and quantitative determination of toxic smoke gases that result when a test object is completely burned. The smoke gases of these measurements are taken from the NBS test chamber of the ASTM E 662 test. The same time scheme is valid here as in ASTM E 662.



Data is recorded over 20 minutes.

SMP 800-C limit values of toxic smoke gases in [ppm]:

Carbon monoxide (CO)_____3500
Carbon dioxide (CO_2)_____ 90,000
Nitrogen oxides (NO_X)_____ 100
Sulfur dioxide (SO_2) _____ 100
Hydrochloric acid (HCl)_____ 500
Hydrobromic acid (HBr) _____ 100
Hydrofluoric acid (HF)_____ 100
Hydrocyanic acid (HCN)_____100

The polyamides used by Phoenix Contact are many times below the critical concentrations.

Halogen-free flame protection

DIN EN ISO 1043-4

Halogens are the chemical elements fluorine, chlorine, bromine, and iodine. One property of halogen compounds is the reduction in the degree of inflammability when used in plastics. The relationship between released toxic gases and halogens has been defined in fire safety investigations.

Terminal blocks from the CLIPLINE complete system are made of polyamide 6.6 (PA 6.6) with fire protection classification UL 94 V0. Melamine cyanurates are used instead of flame protection agents that contain halogen. Phoenix Contact terminal blocks are therefore, without exception, entirely free of halogens.

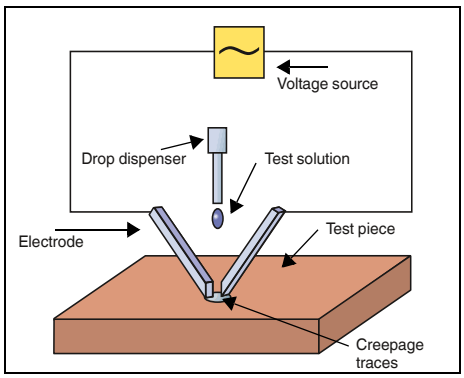


Comparative tracking index (CTI)

DIN EN 60112

Humidity and contamination facilitate the formation of creepage distances on the plastic surface. The creepage distance is the formation of conductive connections between adjacent potentials. The dependence of the potentials on their voltage difference under electrolytic influences is considered. The CTI value of a plastic indicates the extent to which this creepage distance formation is prevented. Two platinum electrodes are placed 4 mm apart on a test piece measuring 20 mm x 20 mm x 3 mm. A test voltage is applied to the two electrodes according to standard specifications. A test solution is then dripped onto the electrodes by a test apparatus at a rate of one drop every 30 seconds.

The test evaluates the maximum voltage value at which 50 drops are applied without a short-circuit current > 0.5 A. The plastics used by Phoenix Contact are classified in the highest test voltage category with a CTI value of 600.



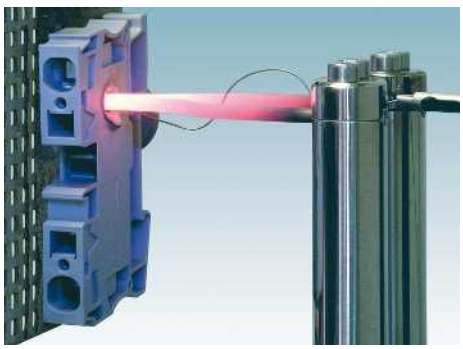
Glow-wire test

IEC 60695-2-11

In the event of overload, conductive metal parts of the terminal block or connected conductors can heat up considerably. This additional heat affects the plastic housing. The glow-wire test simulates this hazard source for electrical components. A glow wire is heated to a specific temperature of 550°C, 650°C, 750°C, 850°C or 960°C. As shown in the figure, this glow wire is then pressed at right angles onto the thinnest housing point of the test object. The force is 1 N. The test is deemed to be passed:

– when no flame or glowing process occurs during the test
– when the flames or glowing processes are extinguished within 30 seconds of the glow wire being removed
– when the tracing paper beneath the glow wire is not ignited by falling particles of burning substances.

The polyamides used by Phoenix Contact as housing materials all meet the requirements of the glow-wire test at 960°C (highest level).



Needle flame test

IEC 60947-7-1/-2

As far as the use of terminal blocks is concerned, behavior in fire when in direct contact with a source of ignition is a major criterion. Such sources of ignition could be electric arcs, e.g., across a creepage distance. Terminal blocks must not aid or accelerate fires and the plastics must have self-extinguishing properties.

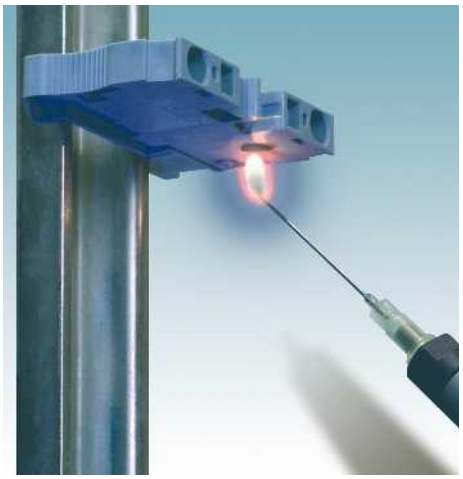
This fire test simulates the behavior of the components when directly subjected to an external ignition source.

In the test, a naked flame fed with butane gas is held to an edge or surface of the test object at an angle of 45° for 10 seconds (see figure). The behavior of the test object without a source of ignition is then observed.

The test is deemed to be passed:

– when the flames or glowing processes are extinguished within 30 seconds of the flame being removed,
– when the tracing paper beneath the test object does not ignite due to drops of burning substances falling down.

All Phoenix Contact terminal blocks pass the needle flame test thanks to the high-grade plastics used and their structural design.



Calorific value of plastic

DIN 51900-2/ASTM E 1354

Due to experience with fire catastrophes, technical systems are increasingly also classified according to the amount of heat dissipation in the case of fire. The reason for this is to limit heat generation in relation to the area.

Fire load

The fire load is the amount of energy released over a particular area during a fire. The fire load value is usually expressed in MJ/m^2. The higher the calorific value and the presence of a substance, the greater the amount of energy released during a fire. The calorific values of polyamides are relatively high. For this reason, the calorific values of terminal blocks are also increasingly included in the fire load determination. Calorific values of the plastics used by Phoenix Contact according to:

DIN 51900-2:

Polyamide 66 V2 _____ approx. 30 MJ/kg
Polyamide 66 V0 _____ approx. 32 MJ/kg

ASTM E 1354:

Polyamide 66 V2 _____ approx. 22 MJ/kg
Polyamide 66 V0 _____ approx. 24 MJ/kg
For comparison:
Heating oil _____ approx. 44 MJ/kg

To calculate the fire load of individual components, the calorific value of each polyamide must be multiplied by the weight of the part.

Inflammability classification

UL 94

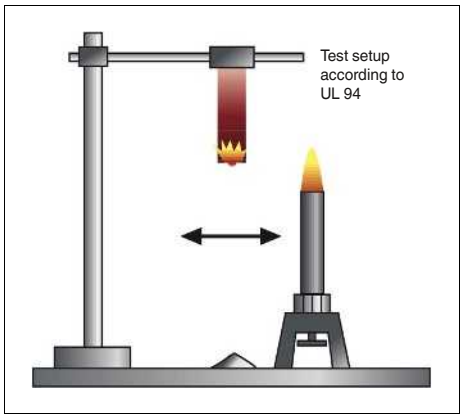
UL 94 describes inflammability tests that have gained particular importance in the field of electrical engineering. Behavior in fire is the main focus. Items are classified according to either UL 94 HB (Horizontal Burn) or UL 94 V (Vertical Burn). The test setup is such that the 94 V0/1/2 classifications are stricter than the 94 HB classification.

UL 94 V0/1/2

After conditioning, the test bar is vertically clamped and flame-treated several times for 10 seconds at a time. In between the flame treatments, the time until the test bar is extinguished is measured.

Afterwards, the afterburning times and the drip behavior are evaluated.

The plastic used for Phoenix Contact terminal blocks meets the higher-grade criteria for classification as a V0 material.



Classification	UL 94 V0	UL 94 V1	UL 94 V2
Burning time after each flame treatment	≤ 10 s	≤ 30 s	≤ 30 s
Total burning time after 10 flame treatments	≤ 50 s	≤ 250 s	≤ 250 s
Glowing time after the 2nd flame treatment	≤ 30 s	≤ 60 s	≤ 60 s
Complete burn-off	No	No	No
Ignition of the wadding beneath the sample	No	No	No

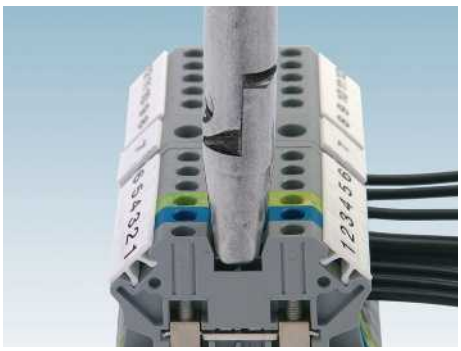
Touch proofness

IEC 60529 / DIN EN 50274

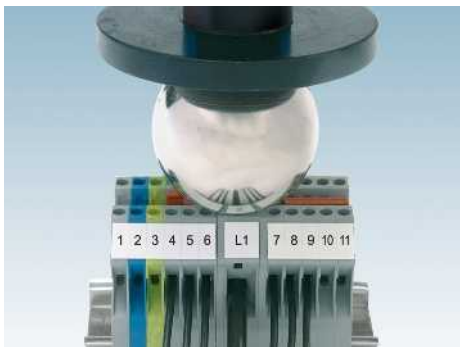
Electrical installations and systems must also afford service technicians a high level of safety. This applies for all measurements and testing as well as for servicing.

BGV A2 specifies safety distances for work, operation, and occasional handling near parts that pose a potential danger in low-voltage systems up to 1000 V AC and 1500 V DC. It is therefore based on standard IEC 60529. For the purpose of contact safety, a distinction is made between back of hand safety and finger safety. The extent to which conductive parts are safe to touch is tested with a test finger and test ball. It must not be possible to touch conductive parts with the test equipment.

Phoenix Contact terminal blocks are designed according to IEC 60529/ DIN EN 50274.



Test finger with a 12.5 mm diameter



Test ball with a 50 mm diameter

Color designations

Color	Code
White	WH
Red	RD
Blue	BU
Green	GN
Yellow	YE
Gray	GY
Brown	BN
Orange	OG
Black	BK
Turquoise	TQ
Ivory	IV
Beige	BE
Olive	OL
Pink	RS
Pink	PK

Type	Order No.	Page
A		
AB-PTI	3214006	85
AB-PTI 16/S	3214022	118
AB-PTI 4/3	3214053	103
AB-PTI 6	3214008	112
AB-PTI/3	3213974	86
AB-SK	3025341	577
AB-SK 65	3026489	577
AB-SK 65-D	3026900	579
AB-SK 65-D INSULATED	3040889	579
AB-SK TOP	3062090	576
AB-SK TOP INSULATED	3062074	576
AB-SK-D TOP	3062100	578
AB-SK-D TOP INSULATED	3062087	579
AB-SK/E	3026476	582
AB-SK/E-NS 35	3213111	582
AB-SKS 60	3240223	577
AB-STI 16/10	3037669	195
AB-UTN 2,5/10	3245082	240
AB/NS	1201141	507
AB/SKS	3240224	580
AB/SS	0404428	580
AB/SS-M	3025888	580
AB2/SS	0404431	581
AB3/SS	0800086	581
ABN 2/SS	0404460	581
AGK 10-PTPOWER	3260145	126
AGK 10-PTPOWER BK/YE	3260154	126
AGK 10-PTPOWER BU	3260148	126
AGK 10-PTPOWER GN/YE	3260151	126
AGK 10-UKH 150/240	3003554	264
AGK 10-UKH 50	3001763	256
AGK 10-UKH 95	3003541	262
AGK 4-UT 10	3047112	250
AGK 4-UT 16	3047125	252
AGK 4-UT 35	3047138	254
AKG 16 BU	0423014	507
AKG 35 BU	0424013	507
AP RSC	3058017	539
AP RSC-T	3059139	594
AP-BTO 1,25	3281125	386
AP-CP-H METER	3012315	290
AP-FTP METER	3069899	607
AP-ME METER	3034361	607
AP-NLS	5037133	507
APH-ME	3034374	607
APH-RSCWE 6-3 CARRIER	3069058	618
APH-UTWE 6	3069056	594
APH-UTWE 6-2	3069057	607
APT-ME	3034358	601
ASB 2-RTK/S	0311281	483
ATP-DIK 1,5	1413272	442
ATP-DIKD 1,5	1413285	443
ATP-MBK	1413227	528
ATP-OTTA 2,5	0790572	533
ATP-OTTA 6	0790475	534
ATP-OTTA 25	0790501	535
ATP-UK	3003224	420
ATP-UK 5-MTK	3004210	477
ATP-UKK 3/5	2778521	434
ATP-UKKB 3	2771065	434
ATP-URTK/SP	0311139	109
ATS-GSK	0304227	460
ATS-MTK	3101223	476
ATS-RTK	0310224	483
ATS-RTK-BEN	0308223	483
ATS-URTK/SS	0321226	481
B		
BE-RT 3/5	3049819	376
BE-RT 8	3049916	382
BES 6	2802549	474
BES 6-1N4007	2802552	474
BES 6-LA 24	2802565	474
BES 6-LA230	2802578	474
BN WH	1401404	559
BP 4-5CT	3208733	350
BP 4-5VT	3208734	350
BT 1,25	3281122	387
BT 2,0	3281123	389
BT 3,5	3281124	391
BTH 1,25	3281101	387
BTH 2,0	3281108	389
BTH 3,5	3281115	391
BTO 1,25	3281100	386
BTO 2,0	3281107	388
BTO 3,5	3281114	390
BTP 1,25	3281102	387
BTP 1,25 GY	3281106	387
BTP 2,0	3281109	389
BTP 2,0 GY	3281113	389
BTP 3,5	3281116	391
BTP 3,5 GY	3281128	391
C		
C-FC 1,5/M3	3240137	593
C-FC 2,5/M3	3240142	593
C-FCI 1,5/M3	3240032	593
C-FCI 2,5/M3	3240037	593
C-ME 4/2	3035759	99
C-ME 4/3	3035760	99
C-ME 6/1	3034441	108
C-ME 6/2	3034442	108
C-ME 6/3	3034390	108
C-RCI 1,5/M3	3240016	602
C-RCI 2,5/M3	3240021	602
CARRIER 35-8	3034387	401
CARRIER-TM 300	0828282	412
CARRIER-TMD 300	0828693	412
CARRIER-TMH 300	0830670	412
CDC-PTRV	3270167	44
CEC 2,5	3062757	407
CGS 50	3071400	623
CGS-AH 50	3071410	623
CGSA 50	3071401	623
CLIP-PROJECT ADVANCED	5146040	638
CLIP-PROJECT PROFESSIONAL	5146053	639
CLIPFIX 35-5	3022276	551
CP 4/6	3061049	365
CP-H 2,5-4L	3012313	290
CP-H 2,5-4L-PE	3012323	290
CP-H 2,5-4L-Z	3012314	290
CP-H 2,5-4L-Z-PE	3012324	290
CPH 3-9	3212015	366
CZ/2	3043831	362
D		
D-BT 1,25	3281120	386
D-BT 1,25 GY	3281129	387
D-BT 3,5	3281121	390
D-BT 3,5 GY	3281130	391
D-CP-H 2,5-4L	3012320	290
D-DTI 2,5	3034824	85
D-DTI 4	3034895	102
D-DTI 6	3034947	112
D-DTME 6	3034426	108
D-HK 4	2002022	499
D-MBK 5/E-T	1413706	470
D-MBK 6/E	1413049	528
D-MBKKB 2,5	1413052	530
D-MBKKB 2,5 BU	1413081	530
D-MPT 1,5/S	3248120	43
D-MPT 2,5	3248140	91
D-MSB 1,5-F	3024180	169
D-MSBV 2,5	3251018	171
D-MT 1,5	3100321	523
D-MT 1,5 BU	3025529	523
D-MT 1,5-QUATTRO	3002982	524
D-MT 1,5-QUATTRO BU	3025309	524
D-MT 1,5-TWIN	3002979	524
D-MTK	3101029	476
D-MTK BU	3101090	476
D-MTTB 1,5	3002665	525
D-MUT 2,5/4	3248033	227
D-MZB 1,5	3024177	168
D-MZFKK 1,5	3029839	155
D-MZFKKB 1,5	3024630	155
D-OTTA 2,5	0790569	533
D-OTTA 6	0790417	534
D-OTTA 6-T	0790459	536
D-OTTA 25	0790514	535
D-OTTA/RBO-SB	3001355	537
D-PPC 1,5/S	3213690	282
D-PPC 2,5	3000671	291
D-PPC 6	3000703	306
D-PT 1,5/S	3208142	37
D-PT 1,5/S-3L	3113771	38
D-PT 1,5/S-MT-0,8	3210303	40
D-PT 1,5/S-MT-0,8 OG	3210304	40
D-PT 1,5/S-QUATTRO	3208375	37
D-PT 1,5/S-QUATTRO-MT-0,8	3210333	40
D-PT 1,5/S-QUATTRO-MT-0,8 OG	3210334	40
D-PT 1,5/S-QUATTRO/2P	3212426	279
D-PT 1,5/S-TWIN	3208184	37
D-PT 1,5/S-TWIN-MT-0,8	3210313	40
D-PT 1,5/S-TWIN-MT-0,8 OG	3210314	40
D-PT 10	3212057	115
D-PT 10-TWIN	3208748	115
D-PT 16 N	3212060	117
D-PT 16-TWIN N	3208799	117
D-PT 2,5-3L	3211647	71
D-PT 2,5-4L/1P	3012301	290
D-PT 2,5-4L/2P	3012311	290
D-PT 2,5-HEXA/3P	3040058	287
D-PT 2,5-MT	3211003	72
D-PT 2,5-MTB	3210196	72
D-PT 2,5-PE/3L	3210543	71
D-PT 2,5-QUATTRO-MTB	3210209	74
D-PT 2,5-TWIN-MT	3211317	73
D-PT 2,5-TWIN-MTB	3210202	73
D-PT 4-PE/3L	3210443	94
D-PT 4-PE/L/HESI	3002619	94
D-PT 4-QUATTRO	3208979	93
D-PT 4-QUATTRO/2P	3209277	299
D-PT 4-TWIN	3208977	93
D-PT 4-TWIN/1P	3212203	299
D-PT 4-WE	3044902	621
D-PT 6	3212044	105
D-PT 6-QUATTRO	3212963	105
D-PT 6-QUATTRO/2P	3061855	303
D-PT 6-TWIN	3211508	105
D-PTB 2,5-PE/L/L	3210553	90
D-PTB 2,5/3	3210552	89
D-PTC 2,5-MT	3270097	72
D-PTC 2,5-TWIN-MT	3270100	73
D-PTI 16/S	3214027	118
D-PTI 4/3	3214054	103
D-PTI/3	3213975	86
D-PTI/3B	3213976	75
D-PTIO 1,5/S/3	3244575	39
D-PTIO 1,5/S/4	3244588	39
D-PTME 4	3212167	99
D-PTME 6-CT/1P	3212303	304
D-PTME 6/1P	3212307	303
D-PTN 16/S	3214028	119
D-PTN 2,5	3213977	85
D-PTN 4	3213978	102
D-PTN 6	3213979	113
D-PTRV 4 WH	3270151	47
D-PTRV 4 WH 1-4	3270152	47
D-PTRV 4 WH 1-4 LGS	3270234	47
D-PTRV 4 WH 4-1	3270236	47
D-PTRV 4 WH 4-1 LGS	3270238	47
D-PTRV 4 WH A-D	3270153	47
D-PTRV 4 WH A-D LGS	3270235	47
D-PTRV 4 WH D-A	3270237	47
D-PTRV 4 WH D-A LGS	3270239	47
D-PTRV 8 WH	3270154	51
D-PTRV 8 WH 1-16	3270228	51
D-PTRV 8 WH 1-16 LGS	3270229	51
D-PTRV 8 WH 1-8	3270155	51
D-PTRV 8 WH 1-8 LGS	3270240	51
D-PTRV 8 WH 17-24	3270213	51
D-PTRV 8 WH 17-24 LGS	3270214	51
D-PTRV 8 WH 25-32	3270215	51
D-PTRV 8 WH 25-32 LGS	3270216	51
D-PTRV 8 WH 8-1	3270242	51
D-PTRV 8 WH 8-1 LGS	3270244	51
D-PTRV 8 WH 9-16	3270211	51
D-PTRV 8 WH 9-16 LGS	3270212	51
D-PTRV 8 WH A-H	3270156	51
D-PTRV 8 WH A-H LGS	3270241	51
D-PTRV 8 WH A-P	3270217	51
D-PTRV 8 WH A-P LGS	3270218	51
D-PTRV 8 WH H-A	3270243	51
D-PTRV 8 WH H-A LGS	3270245	51
D-PTS 1,5/S	3214576	42
D-PTS 4	3213600	101
D-PTT 1,5/S-2MT-0,8	3210353	41
D-PTT 1,5/S-2MT-0,8 OG	3210354	41
D-PTT 2,5-2MT-0,8	3210300	75
D-PTT 2,5-2MT-0,8 OG	3210299	75
D-PTTB 1,5/S	3208579	37
D-PTTB 1,5/S/2P	3212471	279
D-PTTB 1,5/S/4P	3213894	280
D-PTTB 2,5	3211634	70
D-PTTB 4-TG	3211918	95
D-PTTBS 1,5/S	3214699	42
D-PTTBS 1,5/S-KNX	3214664	38
D-PTTBS 1,5/S/2P	3214534	281
D-PTTBS 2,5-2MTB	3210404	75
D-PTTBS 2,5-QUATTRO	3210613	70
D-PTTBS 2,5-TWIN	3210608	70
D-PTTBS 2,5/2P	3211264	288
D-PTTBS 4	3211849	101
D-PTU 2,5	3209522	82
D-PTU 4	3211858	100
D-PTU 4-MT	3209534	100
D-PTU 4-TWIN	3211863	100
D-PTU 6-T	3209533	109
D-QTC 1,5	3205161	203
D-QTC 1,5-QUATTRO	3205174	203
D-QTC 1,5-TWIN	3205190	203
D-QTC 1,5/1P	3206322	335
D-QTC 2,5	3206568	209
D-QTC 2,5-QUATTRO	3206449	209
D-QTC 2,5-TWIN	3206571	209
D-QTCS 1,5	3206270	207
D-QTCS 1,5-TWIN	3206403	207
D-QTCS 2,5	3206584	211
D-QTCS 2,5 TWIN	3050523	211
D-QTCU 1,5	3206283	206
D-QTCU 1,5-TWIN	3206296	206
D-QTCU 2,5	3206597	210
D-QTCU 2,5 TWIN	3050510	210
D-QTCU 2,5-TWIN-MT	3050511	211
D-QTTCB 1,5	3205187	204
D-QTTCB 1,5/2P	3206306	335
D-QTTCBS 1,5	3206335	207
D-QTTCBU 1,5	3050536	206
D-RSC 5	3058020	539
D-RSC 5-F	3059647	539
D-RSC 5-T	3058046	540
D-RSC 5-T-F	3059346	540
D-RSC 6	3213098	541
D-RSC 6-F	3213108	541
D-RT 3/5	3049097	377
D-RT 4-T	3000606	381
D-RT 5-T	3049291	380
D-RT 8	3049194	383
D-SC 2,5	3042243	315
D-SC 4	3043307	329
D-SRTK 6	3029981	186
D-SSK 0525 KER	0201061	511
D-SSK 110 KER	0202060	512
D-SSK 116 KER	0203069	513
D-SSK 135 KER	0205067	513

Type	Order No.	Page
D-ST 1,5/S-QUATTRO	3213166	154
D-ST 10	3036644	189
D-ST 10-TWIN	3035315	189
D-ST 16	3036657	193
D-ST 16-TWIN	3035357	193
D-ST 2,5	3030417	69
D-ST 2,5-3L	3036660	159
D-ST 2,5-4L/1P	3041930	313
D-ST 2,5-4L/2P	3041927	313
D-ST 2,5-PE/3L	3036673	159
D-ST 2,5-QUATTRO	3030514	69
D-ST 2,5-QUATTRO-0,8 OG	3030513	69
D-ST 2,5-QUATTRO-MT	3038590	74
D-ST 2,5-QUATTRO/ 2P	3040083	287
D-ST 2,5-QUATTRO/4P	3042175	289
D-ST 2,5-TWIN	3030488	69
D-ST 2,5-TWIN-0,8 OG	3030512	69
D-ST 4	3030420	93
D-ST 4-QUATTRO	3030527	175
D-ST 4-QUATTRO/2P	3043747	327
D-ST 4-QUATTRO/4CP	3042739	328
D-ST 4-TWIN	3030491	175
D-ST 6	3030433	183
D-ST 6-TWIN	3036767	183
D-STIO 2,5/3	3209112	160
D-STIO 2,5/4	3209125	161
D-STS 2,5	3031762	82
D-STS 4	3031704	179
D-STS 4-TWIN/L	3036770	180
D-STS 6	3038189	185
D-STS 6-TWIN	3038202	185
D-STTB 2,5	3030459	154
D-STTB 2,5-TWIN	3038558	158
D-STTB 2,5/ 2P	3040096	288
D-STTB 2,5/4P	3061538	289
D-STTB 4	3030462	93
D-STTBS 2,5	3038503	83
D-STTBS 4	3035098	180
D-STTBS 4-MT	3035548	181
D-STTBU 4	3033207	179
D-STU 10/ 4X2,5	3033197	190
D-STU 2,5-TWIN	3033045	82
D-STU 4-TWIN	3033087	179
D-TP-VBS	0851026	500
D-UDK 4	2775113	432
D-UDK 4 BU	2775197	432
D-UDK-RELG	2777027	471
D-UGSK	0304023	481
D-UHSK 2000	0704021	422
D-UK 2,5	3001022	420
D-UK 2,5 BU	3001103	420
D-UK 4/10	3003020	421
D-UK 4/10 BU	3003101	421
D-UK 5-TWIN	1923034	428
D-UK 5-TWIN BU	1923050	428
D-UK 16	3006027	423
D-UK 4-SD	3246862	490
D-UK 5-HESI N	3000543	452
D-UK 6-T	3072802	484
D-UKK 3/5	2770024	434
D-UKK 3/5 BU	2770105	434
D-UKK 4	2770558	502
D-UKKB 3/5	2771023	434
D-UKKB 3/5 BU	2771104	434
D-UKKB 10	3001394	436
D-UKN 2,5	3032017	507
D-URTK	0310020	483
D-URTK 6	3026340	487
D-URTK/S-BEN	0308029	483
D-URTK/SS	0321022	481
D-USK 4/10	0260028	501
D-USST 4-MT	3070304	517
D-USST 4/10	3070370	515
D-USST 6-T	3070367	518
D-UT 16	3047206	253
D-UT 2,5-3L	3214314	220
D-UT 2,5/10	3047028	219
D-UT 2,5/1P	3047154	339
D-UT 2,5/4-QUATTRO	3047170	219
D-UT 2,5/4-TWIN	3047141	219
D-UT 4-QUATTRO HV	3048852	230
D-UT 4-QUATTRO/ 2P	3045648	345
D-UT 4-TWIN HV	3000710	229
D-UT 4-TWIN/ 1P	3045237	339
D-UT 4/1P-H	3001382	345
D-UT 6-3L	3046707	243
D-UT 6-QUATTRO/2P	3060607	355
D-UT 6-T-HV	3070147	246
D-UT 6-T/SP	3072816	246
D-UTI/3	3076036	224
D-UTME 4	3047491	238
D-UTME 4-CT/1P	3057445	348
D-UTME 4/1P	3057429	347
D-UTME 6	3047426	247
D-UTN 2,5/10	3245079	224
D-UTT 2,5/4	3044676	221
D-UTTB 2,5/4	3047293	219
D-UTTB 2,5/4 2P	3060393	339
D-UTTB 4 HV	3000709	230
D-UVK 4	1922022	499
D-UVKB 4	1920024	498
DF-CP 2,5-4L	3012327	290
DF-PTMC-2-ZB	3270406	55
DF-PTMC-3-ZB	3270405	55
DF-PTMC-NS	3270403	55
DF-PTMC-O	3270400	55
DF-PTMC-U	3270401	55
DF-PTMC-ZB	3270410	55
DF-SP-H 2,5	3209824	370
DF-UP 4	3060348	370
DF-UP 6	3060856	370
DF-UPBV 2,5/ 4	3060432	370
DFS-CP 2,5-4L	3012321	290
DFS-CP-H 2,5-4L	3012317	290
DFS-SP-H 2,5	3061431	369
DFS-SPB 2,5	3061444	369
DFS-SPDB 2,5	3061457	369
DG-MTTB 1,5	3002678	525
DG-UKK 3/5	2770817	450
DIK 1,5	2715966	442
DIK 1,5 BU	2716059	442
DIK 1,5-LA 24GN/O-M	2715762	444
DIK 1,5-LA 24GN/U-O	2715733	444
DIK 1,5-LA 24RD/O-M	2715856	444
DIK 1,5-LA 24RD/U-O	2715995	444
DIKD 1,5	2715979	443
DIKD 1,5 BU	2716101	443
DIKD 1,5-2D	2716512	443
DIKD 1,5-LA 24GN/O-M	2716376	445
DIKD 1,5-LA 24GN/U-O	2716402	445
DIKD 1,5-LA 24RD/O-M	2715814	445
DIKD 1,5-LA 24RD/U-O	2716279	445
DIKD 1,5-PV	2715092	443
DIKD 1,5-PV BK	2715571	443
DIKD 1,5-PV BU	2715584	443
DIKD 1,5-TG	2774237	445
DLK 2,5-PE	3011041	451
DLK 4-PE	3011999	451
DLKB 2,5-PE	3011038	451
DOK 1,5	2717016	446
DOK 1,5-2D	2717139	447
DOK 1,5-LA 24GN/O-M	2717074	446
DOK 1,5-LA 24RD/O-M	2717029	446
DOK 1,5-TG	2717113	447
DOKD 1,5-TG	3011054	447
DP PS-3,5	3031011	36
DP PS-4	3036712	152
DP PS-5	3036725	68
DP PS-6	3036738	92
DP PS-8	3036741	104
DP-CP-H 2,5-4L	3012319	290
DP-MBKKB 2,5	1413065	530
DP-MTTB 1,5	3002681	525
DP-PT 2,5-HEXA/3P	3040060	287
DP-PTRV 4	3270163	44
DP-PTRV 8	3270166	48
DP-RSCWE 6-3	3069314	619
DP-STMED 6	3035690	110
DP-UK 10,3-HESI	3211238	464
DP-UKK 3/5	2770794	434
DP-UKKB 3/ 5	2770804	434
DP-UTT 2,5/4	3044677	221
DP-UTTB 2,5/4	3047303	219

E

Type	Order No.	Page
E-UTWE 6	3069055	594
E/1	1201044	511
E/AL-NS 35	1201662	542
EB 2- 5	1401158	530
EB 2- 6	0201155	429
EB 2- 8	0202154	109
EB 2-10	0203153	455
EB 2-15 K/UK 35	0205119	505
EB 2-18	3009300	462
EB 2-25/UKH	0201362	262
EB 2-31/UKH	0201388	264
EB 2-36/UKH	0201401	266
EB 2-OTTA 2,5	3026065	533
EB 2-OTTA 6	0790608	534
EB 3- 5	1401145	530
EB 3- 6	0201142	429
EB 3- 8	0202141	109
EB 3-15 K/UK 35	0205106	505
EB 3-18	3009305	462
EB 3-25/UKH	0201375	262
EB 3-31/UKH	0201391	264
EB 3-36/UKH	0201414	266
EB 3-OTTA 2,5	3026078	533
EB 3-OTTA 6	3026036	534
EB 4- 8	0202142	109
EB 4-OTTA 2,5	3026081	533
EB 4-OTTA 6	3026049	534
EB 5-OTTA 2,5	3026094	533
EB 5-OTTA 6	3026050	534
EB 6-OTTA 2,5	3026104	533
EB 7-OTTA 2,5	3026117	533
EB 7-OTTA 6	3026052	534
EB 10- 5	1401132	530
EB 10- 6	0201139	421
EB 10- 8	0202138	109
EB 10- DIK BU	2716680	442
EB 10- DIK GY	2715937	442
EB 10- DIK RD	2716774	442
EB 10- OTTA 6	0790420	534
EB 10-10	0203137	423
EB 10-12	3006137	423
EB 10-15 K/UK 35	0205096	505
EB 10-OTTA 2,5	3026120	533
EB 2-20/PT	3260067	126
EB 2-25/PT	3260157	128
EB 2-31/PT	3215057	130
EB 3-20/PT	3260068	126
EB 3-25/PT	3260160	128
EB 3-31/PT	3215058	130
EB 36-27	3009341	468
EB 36-27/L1-L2-L3	3009354	468
EB 4-25/PT	3260161	128
EB 56-18	3009299	462
EB 56-18/L1-L2-L3	3009367	462
EB 80- DIK BU	2715940	442
EB 80- DIK RD	2715953	442
EB 80- DIK WH	2715788	442
EBL 2- 5	2303145	428
EBL 3- 5	2303158	428
EBL 10- 5	2303132	421
EBS 2- 8	3118151	452
EBS 3- 8	3118148	452
EBS 10- 8	3118135	452
ESB 2-MZDB	3029703	168

F

Type	Order No.	Page
FAME-BAG 260	3069520	615
FB 10- GSK/S	0305174	481
FB 10- RTK/S	0311171	483
FB 10- URTK/SP	0311663	489
FB 10-13	3059126	539
FB 10-13 ISO	3059663	539
FB 10-17	3075951	541
FB 10-17 ISO	3213085	541
FB 10-9	3059113	546
FB 10-9 ISO	3059650	546
FBI 2-15	0201333	423
FBI 2-20	0201346	256
FBI 3-15	0201278	505
FBI 3-20	0201317	256
FBI 10- 6	0203250	421
FBI 10- 8	0203263	422
FBI 10-10	0203276	422
FBI 10-12	0203454	187
FBI 2-20 N	3213195	258
FBI 3-20 N	3213205	258
FBP 12+1	3069408	593
FBP 3+1	3069399	593
FBP 4+1	3069405	593
FBP 5+1	3069409	593
FBP 6+1	3069406	593
FBP 7+1	3069400	593
FBP 8+1	3069407	593
FBP-2/10	3069881	604
FBP-2/11	3069882	604
FBP-2/12	3069883	604
FBP-2/13	3069884	604
FBP-2/14	3069885	604
FBP-2/15	3069886	604
FBP-2/16	3069887	604
FBP-2/17	3069888	604
FBP-2/18	3069889	604
FBP-2/19	3069890	604
FBP-2/20	3069891	604
FBP-2/21	3069892	604
FBP-2/22	3069893	604
FBP-2/23	3069894	604
FBP-2/24	3069895	604
FBP-2/25	3069896	604
FBP-2/4	3069875	604
FBP-2/5	3069876	604
FBP-2/6	3069877	604
FBP-2/7	3069878	604
FBP-2/8	3069879	604
FBP-2/9	3069880	604
FBP-2/A14	3069500	609
FBP-2/A7	3069497	609
FBP-2/B14	3069501	609
FBP-2/B19	3069503	609
FBP-2/B7	3069498	609
FBP-2/C14	3069502	609
FBP-2/C19	3069504	609
FBP-2/D19	3069671	609
FBP-2/E7	3069499	609
FBP-2/F19	3069675	609
FBP-2/G19	3069676	609
FBP-2/H19	3069677	609
FBP-2/I19	3069678	609
FBP-3/10 TR	3069924	617
FBP-3/11 TR	3069948	617
FBP-3/12 TR	3069923	617
FBP-3/13 TR	3069934	617
FBP-3/14 TR	3069925	617
FBP-3/2 TR	3069926	617
FBP-3/3 TR	3069927	617
FBP-3/4 TR	3069922	617
FBP-3/5 TR	3069928	617
FBP-3/6 TR	3069929	617
FBP-3/7 TR	3069945	617
FBP-3/8 TR	3069946	617
FBP-3/9 TR	3069947	617
FBRI 2-5 N	3000227	155
FBRI 3-5 N	3000201	155
FBRI 4-5 N	3000191	432
FBRI 10-5 N	2770642	155
FBRI 10-8 N	2772080	186
FBRN 10-4 N	3001624	420
FBRNI 2-5 N	3000175	434
FBRNI 3-5 N	3000162	434
FBRNI 4-5 N	3000159	434

Alphabetical

Type	Order No.	Page
FBRNI 10-5 N	2770639	434
FBRNI 10-6 N	2770626	481
FBS 1/3-8	3032363	396
FBS 1/3/5-8	3032389	396
FBS 1/4-8	3032376	396
FBS 1/4/7/10-8	3032402	396
FBS 1/5-8	3032381	246
FBS 2-10	3005947	114
FBS 2-12	3005950	116
FBS 2-16	3005963	124
FBS 2-4	3030116	134
FBS 2-4 BU	3030117	397
FBS 2-4 GY	3030118	397
FBS 2-5	3030161	68
FBS 2-5 BU	3036877	397
FBS 2-5 GY	3038969	397
FBS 2-6	3030336	92
FBS 2-6 BU	3036932	397
FBS 2-6 GY	3032237	397
FBS 2-8	3030284	104
FBS 2-8 BU	3032567	397
FBS 2-8 CT	3033830	397
FBS 2-8 GY	3032621	397
FBS 3-4	3030129	152
FBS 3-4 BU	3030130	397
FBS 3-4 GY	3030131	397
FBS 3-5	3030174	68
FBS 3-5 BU	3036880	397
FBS 3-5 GY	3038972	397
FBS 3-6	3030242	92
FBS 3-6 BU	3036945	397
FBS 3-6 GY	3032240	397
FBS 3-8	3030297	104
FBS 3-8 BU	3032570	397
FBS 3-8 CT	3033831	397
FBS 3-8 GY	3032622	397
FBS 4-4	3030132	152
FBS 4-4 BU	3030133	397
FBS 4-4 GY	3030134	397
FBS 4-5	3030187	68
FBS 4-5 BU	3036893	397
FBS 4-5 GY	3038985	397
FBS 4-6	3030255	92
FBS 4-6 BU	3036958	397
FBS 4-6 GY	3032279	397
FBS 4-8	3030307	104
FBS 4-8 BU	3032583	397
FBS 4-8 CT	3033832	397
FBS 4-8 GY	3032635	397
FBS 5-10	3005948	114
FBS 5-4	3030145	152
FBS 5-4 BU	3030146	397
FBS 5-4 GY	3030147	397
FBS 5-5	3030190	68
FBS 5-5 BU	3036903	397
FBS 5-5 GY	3038998	397
FBS 5-6	3030349	92
FBS 5-6 BU	3036961	397
FBS 5-6 GY	3032266	397
FBS 5-8	3030310	104
FBS 5-8 BU	3032596	397
FBS 5-8 GY	3032648	397
FBS 6-8	3032470	396
FBS 6-8 BU	3032677	397
FBS 6-8 GY	3032664	397
FBS 1,5/S-PV	3216263	398
FBS 1/2/4/6-8	3032378	396
FBS 10-3,5	3213056	36
FBS 10-3,5 BU	3213125	397
FBS 10-3,5 GY	3213196	397
FBS 10-4	3030158	152
FBS 10-4 BU	3036851	397
FBS 10-4 GY	3030160	397
FBS 10-5	3030213	68
FBS 10-5 BU	3036916	397
FBS 10-5 GY	3039007	397
FBS 10-6	3030271	92
FBS 10-6 BU	3032198	397
FBS 10-6 GY	3032253	397
FBS 10-8	3030323	104
FBS 10-8 BU	3032606	397
FBS 10-8 CT	3033833	397
FBS 10-8 GY	3032651	397
FBS 2-3,5	3213014	36
FBS 2-3,5 BU	3213086	397
FBS 2-3,5 GY	3213153	397
FBS 20-3,5	3213069	36
FBS 20-3,5 BU	3213138	397
FBS 20-3,5 GY	3213206	397
FBS 20-4	3030352	152
FBS 20-4 BU	3030353	397
FBS 20-4 GY	3030354	397
FBS 20-5	3030226	68
FBS 20-5 BU	3036929	397
FBS 20-5 GY	3038671	397
FBS 20-6	3030365	92
FBS 20-6 BU	3032208	397
FBS 3-3,5	3213027	36
FBS 3-3,5 BU	3213099	397
FBS 3-3,5 GY	3213167	397
FBS 4-3,5	3213030	36
FBS 4-3,5 BU	3213109	397
FBS 4-3,5 GY	3213180	397
FBS 5-3,5	3213043	36
FBS 5-3,5 BU	3213112	397
FBS 5-3,5 GY	3213183	397
FBS 50-3,5	3000706	396
FBS 50-3,5 BU	3000708	397
FBS 50-3,5 GY	3000707	397
FBS 50-5	3038930	396
FBS 50-5 BU	3032114	397
FBS 50-5 GY	3032127	397
FBS 50-6	3032224	396
FBS 50-6 BU	3032211	397
FBS-PV	3032185	398
FBS-PV PT 2,5-4L	3012318	398
FBS-PV UT	3047358	398
FBSC	3012325	396
FBSR 2-5	3033702	68
FBSR 2-6	3033715	92
FBSR 2-8	3033808	104
FBSR 3-8	3001597	104
FBSR 5-8	3033809	104
FBSR 10-5	3033710	68
FBSR 10-6	3033716	92
FBSR 10-8	3001599	104
FBSR 16-8	3033816	104
FBSR 3-5	3001591	68
FBSR 3-6	3001594	92
FBSR 4-5	3001592	68
FBSR 4-6	3001595	92
FBSR 4-8	3000585	104
FBSR 5-5	3001593	68
FBSR 5-6	3001596	92
FBSRH 2-6	3033812	401
FBSRH 2-8	3033802	401
FBSRH 3-8	3033803	401
FBSRH 4-8	3033804	401
FBST 500-PLC GY	2966838	46
FBST 500-PLC RD	2966786	46
FBSW 2-5/110MM	3030171	399
FBSW 2-5/250MM	3030172	399
FBSW 2-5/60MM	3030170	399
FC 4-PCB/10	3208736	350
FC 4-PCB/8	3208694	350
FIP-3/1 SERVICE	3069921	604
FIP-3/2 SERVICE	3069920	616
FIP-3/3 SERVICE	3069312	616
FIP-3/4 SERVICE	3069313	616
FTMC 1,5 /1-2 -DF	3001984	66
FTMC 1,5 /1-2-NS	3001965	66
FTMC 1,5 /1-3 -DF	3001975	66
FTMC 1,5 /1-3-NS	3001957	66
FTMC 1,5 /2-2 -DF	3001985	66
FTMC 1,5 /2-2-NS	3001966	66
FTMC 1,5 /2-3 -DF	3001976	66
FTMC 1,5 /2-3-NS	3001958	66
FTMC 1,5 /3-2 -DF	3001986	66
FTMC 1,5 /3-2-NS	3001968	66
FTMC 1,5 /3-3 -DF	3001977	66
FTMC 1,5 /3-3-NS	3001959	66
FTMC 1,5 /4-2 -DF	3001987	66
FTMC 1,5 /4-2-NS	3001969	66
FTMC 1,5 /4-3 -DF	3001978	66
FTMC 1,5 /4-3-NS	3001960	66
FTMC 1,5 /5-2 -DF	3001988	66
FTMC 1,5 /5-2-NS	3001971	66
FTMC 1,5 /5-3 -DF	3001979	66
FTMC 1,5 /5-3-NS	3001961	66
FTMC 1,5 /6-2 -DF	3001989	66
FTMC 1,5 /6-2-NS	3001972	66
FTMC 1,5 /6-3 -DF	3001980	66
FTMC 1,5 /6-3-NS	3001962	66
FTMC 1,5 /7-2 -DF	3001990	66
FTMC 1,5 /7-2-NS	3001973	66
FTMC 1,5 /7-3 -DF	3001981	66
FTMC 1,5 /7-3-NS	3001963	66
FTMC 1,5 /8-2 -DF	3001991	66
FTMC 1,5 /8-2-NS	3001974	66
FTMC 1,5 /8-3 -DF	3001982	66
FTMC 1,5 /8-3-NS	3001964	66
FTMC 1,5-2 /BK	3270454	55
FTMC 1,5-2 /BN	3270453	55
FTMC 1,5-2 /BU	3270450	55
FTMC 1,5-2 /GN	3270452	55
FTMC 1,5-2 /GY	3270342	55
FTMC 1,5-2 /OG	3270456	55
FTMC 1,5-2 /PK	3270458	55
FTMC 1,5-2 /RD	3270451	55
FTMC 1,5-2 /VT	3270455	55
FTMC 1,5-2 /WH	3270343	55
FTMC 1,5-2 /YE	3270457	55
FTMC 1,5-3 /BK	3270444	55
FTMC 1,5-3 /BN	3270443	55
FTMC 1,5-3 /BU	3270440	55
FTMC 1,5-3 /GN	3270442	55
FTMC 1,5-3 /GY	3270340	55
FTMC 1,5-3 /OG	3270446	55
FTMC 1,5-3 /PK	3270448	55
FTMC 1,5-3 /RD	3270441	55
FTMC 1,5-3 /VT	3270445	55
FTMC 1,5-3 /WH	3270341	55
FTMC 1,5-3 /YE	3270447	55
FTMC 1,5/32-2	3270354	58
FTMC 1,5/32-2 /BU	3270355	58
FTMC 1,5/32-2H /BU 19Z	3270357	62
FTMC 1,5/32-2H 19Z	3270356	62
FTMC 1,5/32-3	3270350	56
FTMC 1,5/32-3 /BU	3270352	56
FTMC 1,5/32-3 /BU 19Z	3270353	60
FTMC 1,5/32-3 19Z	3270351	60
FTMC 1,5/48-2	3270362	59
FTMC 1,5/48-2 /BU	3270363	59
FTMC 1,5/48-3	3270358	57
FTMC 1,5/48-3 /BU	3270360	57
FTMC 1,5/48-3 /BU 19Z	3270361	61
FTMC 1,5/48-3 19Z	3270359	61
FTMC 1,5/80-2	3270368	59
FTMC 1,5/80-2 /BU	3270369	59
FTMC 1,5/80-3	3270364	57
FTMC 1,5/80-3 /BU	3270366	57
FTMC 1,5/80-3 /BU 19Z	3270367	61
FTMC 1,5/80-3 19Z	3270365	61
FTP 12+1	3069255	593
FTP 3+1	3069222	593
FTP 4+1	3069223	593
FTP 5+1	3069241	593
FTP 6+1	3069239	593
FTP 7+1	3069243	593
FTP 8+1	3069242	593
FTP-2/1 SERVICE	3069469	604
FTP-2/10	3001712	602
FTP-2/11	3001713	602
FTP-2/12	3001714	602
FTP-2/13	3001715	602
FTP-2/14	3001716	602
FTP-2/15	3001717	602
FTP-2/16	3001719	602
FTP-2/17	3001720	602
FTP-2/18	3001722	602
FTP-2/19	3001723	602
FTP-2/2 SERVICE	3069464	604
FTP-2/20	3001724	602
FTP-2/21	3001725	602
FTP-2/22	3001726	602
FTP-2/23	3001727	602
FTP-2/24	3001728	602
FTP-2/25	3001729	602
FTP-2/3 SERVICE	3069465	604
FTP-2/4	3001706	602
FTP-2/4 SERVICE	3069468	604
FTP-2/5	3001707	602
FTP-2/6	3001708	602
FTP-2/7	3001709	602
FTP-2/8	3001710	602
FTP-2/9	3001711	602
FTP-2/A14	3069474	609
FTP-2/A7	3069470	609
FTP-2/B14	3069475	609
FTP-2/B19	3069477	609
FTP-2/B7	3069471	609
FTP-2/C14	3069476	609
FTP-2/C19	3069478	609
FTP-2/D19	3069479	609
FTP-2/E7	3069472	609
FTP-2/F19	3069480	609
FTP-2/G19	3069481	609
FTP-2/H19	3069482	609
FTP-2/I19	3069483	609
FTP-3/10S	3069951	615
FTP-3/11S	3069963	615
FTP-3/12S	3069952	615
FTP-3/13S	3069964	615
FTP-3/14S	3069953	615
FTP-3/4S	3069950	615
FTP-3/5S	3069958	615
FTP-3/6S	3069959	615
FTP-3/7S	3069960	615
FTP-3/8S	3069961	615
FTP-3/9S	3069962	615
FTPC 12+1	3069268	593
FTPC 3+1	3069259	593
FTPC 4+1	3069260	593
FTPC 5+1	3069261	593
FTPC 6+1	3069262	593
FTPC 7+1	3069263	593
FTPC 8+1	3069264	593
FTPC-3/10S	3069931	615
FTPC-3/11S	3069940	615
FTPC-3/12S	3069933	615
FTPC-3/13S	3069941	615
FTPC-3/14S	3069932	615
FTPC-3/4S	3069930	615
FTPC-3/5S	3069935	615
FTPC-3/6S	3069936	615
FTPC-3/7S	3069937	615
FTPC-3/8S	3069938	615
FTPC-3/9S	3069939	615
FTPR-2/10	3001688	602
FTPR-2/11	3001689	602
FTPR-2/12	3001690	602
FTPR-2/13	3001691	602
FTPR-2/14	3001692	602
FTPR-2/15	3001693	602
FTPR-2/16	3001694	602
FTPR-2/17	3001696	602
FTPR-2/18	3001697	602
FTPR-2/19	3001698	602
FTPR-2/20	3001699	602
FTPR-2/21	3001700	602
FTPR-2/22	3001701	602
FTPR-2/23	3001702	602
FTPR-2/24	3001703	602
FTPR-2/25	3001704	602
FTPR-2/4	3001681	602
FTPR-2/5	3001683	602
FTPR-2/6	3001684	602
FTPR-2/7	3001685	602
FTPR-2/8	3001686	602
FTPR-2/9	3001687	602

Type	Order No.	Page
FTPR-2/A14	3069487	609
FTPR-2/A7	3069484	609
FTPR-2/B14	3069488	609
FTPR-2/B19	3069490	609
FTPR-2/B7	3069485	609
FTPR-2/C14	3069489	609
FTPR-2/C19	3069491	609
FTPR-2/D19	3069492	609
FTPR-2/E7	3069486	609
FTPR-2/F19	3069493	609
FTPR-2/G19	3069494	609
FTPR-2/H19	3069495	609
FTPR-2/I19	3069496	609
FTPR-3/10S	3069955	615
FTPR-3/11S	3069970	615
FTPR-3/12S	3069956	615
FTPR-3/13S	3069971	615
FTPR-3/14S	3069957	615
FTPR-3/4S	3069954	615
FTPR-3/5S	3069965	615
FTPR-3/6S	3069966	615
FTPR-3/7S	3069967	615
FTPR-3/8S	3069968	615
FTPR-3/9S	3069969	615
FTRV 4 /COL-COL	3001883	52
FTRV 4 /COL-RD	3001760	52
FTRV 4 /COL-WH	3001880	52
FTRV 4 /RD	3270175	44
FTRV 4 /RD-COL	3001881	52
FTRV 4 /WH	3270169	44
FTRV 4 /WH-COL	3001882	52
FTRV 4 BU/BU	3270172	44
FTRV 4 BU/RD	3270174	44
FTRV 4 BU/WH	3270173	44
FTRV 4-FE /BKYE	3270185	45
FTRV 4-FE /YEBK	3270184	45
FTRV 4-PV /BK	3270178	45
FTRV 4-PV BU/BK	3270181	45
FTRV 8 /COL-COL	3001888	52
FTRV 8 /COL-RDWH	3001852	52
FTRV 8 /COL-WHRD	3001884	52
FTRV 8 /RDWH	3270193	48
FTRV 8 /RDWH-COL	3001885	52
FTRV 8 /WHRD	3270187	48
FTRV 8 /WHRD-COL	3001887	52
FTRV 8 BU/BU	3270190	48
FTRV 8 BU/RDWH	3270192	48
FTRV 8 BU/WHRD	3270191	48
FTRV 8-FE /BKYE	3270204	49
FTRV 8-FE /YEBK	3270202	49
FTRV 8-PV /BK	3270194	49
FTRV 8-PV BU/BK	3270196	49
FTRVB 4-FI /BK	3270208	46
FTRVB 4-PV /BK	3270207	46
FTRVB 8-FI /BK	3270210	50
FTRVB 8-PV /BK	3270209	50
FUSE 10,3X38 10A PV	3061334	465
FUSE 10,3X38 12A PV	3061347	465
FUSE 10,3X38 16A PV	3061350	465
FUSE 10,3X38 20A PV	3061363	465
FUSE 10,3X38 25A PV	3061364	465
FUSE 10,3X38 2A PV	3061295	465
FUSE 10,3X38 4A PV	3061305	465
FUSE 10,3X38 6A PV	3061318	465
FUSE 10,3X38 8A PV	3061321	465
FUSE 10,3X85 10A PV	3062770	467
FUSE 10,3X85 12A PV	3062771	467
FUSE 10,3X85 16A PV	3062772	467
FUSE 10,3X85 20A PV	3062773	467
FUSE 10,3X85 25A PV	3062774	467
FUSE 10,3X85 2A PV	3062766	467
FUSE 10,3X85 4A PV	3062767	467
FUSE 10,3X85 6A PV	3062768	467
FUSE 10,3X85 8A PV	3062769	467
FWP 12+1	3069307	592
FWP 3+1	3069270	592
FWP 4+1	3069271	592
FWP 5+1	3069272	592
FWP 6+1	3069284	592
FWP 7+1	3069298	592
FWP 8+1	3069297	592

G

Type	Order No.	Page
G 5/2	2716020	559
G 5/2 B	2716305	559
G 5/3	2716033	559
G 5/4	2716046	559
G 5/6	2716062	559
G 5/12	2716127	559
G 10/2	2716703	559
G 10/3	2716716	559
G 10/4	2716729	559
G 10/5	2716732	559
GBS 5-25X12	0810588	413
GBS 5-25X5	0829126	413
GBS-ZB/26X6	0809298	413
GE 10/2	3071049	560
GE 10/2 BU	3071052	560
GE 10/2-B	2701572	560
GE 10/2-B BU	2701573	560
GE 35/1	3071082	561
GE 35/1 BU	3071095	561
GE 35/2	3071065	561
GE 35/2 BU	3071078	561
GE 35/2-B	2701569	561
GE 35/2-B BU	2701570	561
GS-GSK/S	0305116	481
GTF 76/ 48	3121025	497
GTF 76/230	3121012	497

H

Type	Order No.	Page
HC-RBO 10	3247970	543
HC-RBO 10 BU	3247972	543
HC-RBO 10-FE	3247971	543
HC-RBO 12	3247983	543
HC-RBO 12 BU	3247985	543
HC-RBO 12-FE	3247984	543
HC-RBO 16	3247996	543
HC-RBO 16 BU	3247998	543
HC-RBO 16-FE	3247997	543
HC-RBO 8	3247967	542
HC-RBO 8 BU	3247969	542
HC-RBO 8-FE	3247968	542
HV M10/1	3049408	553
HV M10/1 M6/1-STL2	3071081	551
HV M10/1-AP	3049495	551
HV M10/1-VS 2	3049466	551
HV M10/1-VS 3	3049479	551
HV M10/2	3049563	551
HV M12/1	3049505	553
HV M12/1-TP	3049602	552
HV M12/1-VS 2	3049631	553
HV M12/1-VS 3	3049644	553
HV M12/2-TP	3049709	551
HV M5/1	3049107	552
HV M5/1-AP	3049806	552
HV M5/1-VS 2	3049437	552
HV M5/1-VS 3	3049440	552
HV M6/1	3049204	552
HV M6/1-AP	3049903	551
HV M6/1-VS 2	3049262	551
HV M6/1-VS 3	3049275	551
HV M6/2	3049547	551
HV M8/1	3049301	553
HV M8/1 M6/1-STL	3071094	551
HV M8/1-AP	3049398	551
HV M8/1-VS 2	3049369	551
HV M8/1-VS 3	3049372	551
HV M8/2	3049550	551

I

Type	Order No.	Page
IS-K 4	1302338	421
IS-K 10	1303337	422
ISH 1,5/0,2	3206131	152
ISH 1,5/0,5	3031034	152
ISH 2,5/0,2	3002843	68
ISH 2,5/0,5	3002856	68
ISH 2,5/1,0	3002869	68
ISH 4/0,5	3002885	92
ISH 4/1,0	3002898	92
ISSBI 10- 6	0301505	421
ISSBI 10- 8	0301534	422
ISSBI 10-10	0301521	436

K

Type	Order No.	Page
KB- 6	0201472	511
KB- 8	0202206	512
KB- 10	0203205	436
KBI- 15	0205203	513
KLM 3	0811969	138
KLM 3-L	0814788	543
KSS 3- 6	0309523	570
KSS 4- 8	0309549	570
KSS 4-10	0308540	516
KSS 5	2303543	570
KSS 6	0301547	570
KSS 8	0311540	109
KSS 10	0310541	570
KSSI 2-8	3000722	109
KSSI 4-8	3000735	570

M

Type	Order No.	Page
MA 20X 8 BK	0814270	468
MBK 5/E-TG	1415089	470
MBK 6/E	0552024	528
MBKKB 2,5	1414064	530
MBKKB 2,5 BU	1414077	530
MBKKB 2,5-2DIO/O-UL/O-UR	3003871	531
MBKKB 2,5-BE	1414103	531
MBKKB 2,5-DIO/O-U	2800567	531
MBKKB 2,5-DIO/U-O	2800570	531
MBKKB 2,5-PV	2800583	530
MBKKB 2,5-PV BU	1414132	530
MP 1,5	3248150	43
MPI 1,5	3248490	43
MPI 4X1,5	3248491	43
MPI 6X1,5	3248492	43
MPI 8X1,5	3248493	43
MPS-IH BK	0201731	404
MPS-IH BU	0201689	404
MPS-IH GN	0201702	404
MPS-IH GY	0201728	404
MPS-IH RD	0201676	36
MPS-IH WH	0201663	404
MPS-IH YE	0201692	404
MPS-MT	0201744	36
MPS-MT 1-S4-B RD	1982800	134
MPS-MT SN	3212251	138
MPS-MT/ 4MM	3048577	404
MPT 1,5/S	3248100	43
MPT 1,5/S-PE	3248110	43
MPT 1,5/S/1P	3248115	280
MPT 1,5/S/1P BU	3248116	280
MPT 1,5/S/1P-PE	3248117	280
MPT 2,5	3248125	91
MPT 2,5 BU	3248126	91
MPT 2,5-PE	3248130	91
MSB 2,5	3244012	168
MSB 2,5 BU	3244025	168
MSB 2,5-F	3244041	169
MSB 2,5-F BU	3244054	169
MSB 2,5-M	3244067	169
MSB 2,5-M BU	3244070	169
MSB 2,5-NS 35	3244119	169
MSB 2,5-NS 35 BU	3244122	169
MSB 2,5-NS 35-PE	3244148	169
MSB 2,5-PE	3244151	168
MSB 2,5-RZ	3244164	170
MSB 2,5-RZ BU	3244177	170
MSBV 2,5	3249017	171
MSBV 2,5 BU	3249020	171
MSBV 2,5-M	3249062	172
MSBV 2,5-M BU	3249075	172
MSBV 2,5-NS 35	3249088	171
MSBV 2,5-NS 35 BU	3249091	171
MSDB 2,5	3244216	168
MSDB 2,5 BU	3244229	168
MSDB 2,5-F	3244232	170
MSDB 2,5-F BU	3244245	170
MSDB 2,5-M	3244258	170
MSDB 2,5-M BU	3244261	170
MSDB 2,5-NS 35	3244300	169
MSDB 2,5-NS 35 BU	3244313	169
MSDB 2,5-RZ	3244339	170
MSDB 2,5-RZ BU	3244342	170
MSDBV 2,5	3249143	171
MSDBV 2,5 BU	3249156	171
MSDBV 2,5-M	3249198	172
MSDBV 2,5-M BU	3249208	172
MSDBV 2,5-NS 35	3249211	171
MSDBV 2,5-NS 35 BU	3249224	171
MSLKG 6	1410505	529
MT 1,5	3100305	523
MT 1,5 BU	3003363	523
MT 1,5-PE	3100318	526
MT 1,5-QUATTRO	3001679	524
MT 1,5-QUATTRO BU	3025150	524
MT 1,5-QUATTRO-PE	3001695	527
MT 1,5-TWIN	3001682	524
MT 1,5-TWIN BU	3025532	524
MT 1,5-TWIN-PE	3001705	527
MTK	3101016	476
MTK BU	3101197	476
MTK-P/P	3104013	476
MTK-P/P BU	3104097	476
MTKD	3100017	477
MTKD-CU/CUNI	3100059	496
MTKD-E-CU/A-CU	3100091	496
MTKD-FE/CUNI	3100046	496
MTKD-NICR/CUNI	3100075	496
MTKD-NICR/NI	3100062	496
MTKD-NICRSI/NISI	5043321	496
MTKD-P/P	3100020	477
MTKD-S-CU/E-CU	3100101	496
MTTB 1,5	1414129	525
MTTB 1,5 BU	3000926	525
MUT 2,5	3248030	227
MUT 2,5 BU	3248031	227
MUT 2,5-PE	3248032	227
MUT 4	3248035	241
MUT 4 BU	3248036	241
MUT 4-PE	3248037	241
MZFKK 1,5	3029813	155
MZFKK 1,5-PV	3029826	155
MZFKKB 1,5	3005714	155

N

Type	Order No.	Page
NLS-CU 3/10 SN 1000MM	0402174	507
NLS-CU 6/ 6 SN 1000MM	0402161	581

O

Type	Order No.	Page
OTTA 2,5	0790530	533
OTTA 2,5-P/P	0790543	533
OTTA 2,5-PE	0790556	533
OTTA 6	0790433	534

Type	Order No.	Page
OTTA 6-P/P	0790404	534
OTTA 6-PE	0790527	535
OTTA 6-T	0790446	536
OTTA 6-T-P/P	0790462	537
OTTA 25-M5	0790488	535
OTTA 25-M6	0790491	535
OTTA 6-T/SB-P/P	3001269	537

P

Type	Order No.	Page
P-CO	3036796	410
P-CO 1N4007/L-R	3032460	410
P-CO 1N4007/R-L	3032457	410
P-CO XL	3036797	411
P-CO XL SKN	3036798	411
P-CO XL-UT	3036799	411
P-DI	3036783	409
P-FIX	3038956	410
P-FU 5X20	3036806	408
P-FU 5X20 LA 250	3036835	408
P-FU 5X20 LA 250-EX	3036836	233
P-FU 5X20 LED 24	3036819	408
P-FU 5X20 LED 24-5	3209248	408
P-FU 5X20 LED 24-EX	3036821	233
P-FU 5X20 LED 250-5	3209264	408
P-FU 5X20 LED 60	3036822	408
P-FU 5X20 LED 60-5	3209251	408
P-FU 5X20 LED 60-EX	3036823	233
P-FU 5X20-5	3209235	408
P-FU 5X20-EX	3036807	233
P-FU 6,3X32	3046498	408
P-FU 6,3X32 LA 250	3046524	408
P-FU 6,3X32 LA 250-EX	3046525	244
P-FU 6,3X32 LED 24	3046508	408
P-FU 6,3X32 LED 24-EX	3046509	244
P-FU 6,3X32 LED 60	3046511	408
P-FU 6,3X32 LED 60-EX	3046512	244
P-FU 6,3X32-EX	3046499	244
PAI-4	3030925	406
PAI-4-FIX BK	3032774	108
PAI-4-FIX BN	3032787	108
PAI-4-FIX BU	3032729	108
PAI-4-FIX GN	3032758	108
PAI-4-FIX GY	3032790	108
PAI-4-FIX OG	3034455	108
PAI-4-FIX RD	3032732	108
PAI-4-FIX VT	3032761	108
PAI-4-FIX WH	3032797	108
PAI-4-FIX YE	3032745	108
PAI-4-FIX-5/6 BK	3035980	99
PAI-4-FIX-5/6 BN	3035981	99
PAI-4-FIX-5/6 BU	3035975	99
PAI-4-FIX-5/6 GN	3035978	99
PAI-4-FIX-5/6 GY	3035982	99
PAI-4-FIX-5/6 OG	3035974	99
PAI-4-FIX-5/6 RD	3035976	99
PAI-4-FIX-5/6 VT	3035979	99
PAI-4-FIX-5/6 WH	3035983	99
PAI-4-FIX-5/6 YE	3035977	99
PAI-4-N GY	3032871	68
PAI-ST 35/1000MM	3029994	124
PAIS-4-FIX BK	3032792	407
PAIS-4-FIX GY	3032791	407
PAIS-4-FIX RD	3032793	407
PC	3040588	278
PC-CT 6/2	3212308	305
PC-FTP-TRI	3069898	605
PC-UTWE-TRI	3069897	605
PDZ/2	3040562	362
PDZ/4	3040575	362
PH 1,5/S/10	3212824	366
PH 1,5/S/11	3212837	366
PH 1,5/S/12	3212840	366
PH 1,5/S/13	3212853	366
PH 1,5/S/14	3212866	366
PH 1,5/S/15	3212879	366
PH 1,5/S/3	3212756	366
PH 1,5/S/4	3212769	366
PH 1,5/S/5	3212772	366
PH 1,5/S/6	3212785	366
PH 1,5/S/7	3212798	366
PH 1,5/S/8	3212808	366
PH 1,5/S/9	3212811	366
PH 2,5/ 2	3209691	367
PH 2,5/ 3	3209701	367
PH 2,5/ 4	3209714	367
PH 2,5/ 5	3209727	367
PH 2,5/ 6	3209730	367
PH 2,5/ 7	3209743	367
PH 2,5/ 8	3209756	367
PH 2,5/ 9	3209507	367
PH 2,5/10	3209769	367
PH 2,5/11	3209772	367
PH 2,5/12	3209785	367
PH 2,5/13	3209798	367
PH 2,5/14	3209808	367
PH 2,5/15	3209811	367
PH 4/10	3000743	367
PH 4/2	3000734	367
PH 4/3	3000736	367
PH 4/4	3000737	367
PH 4/5	3000738	367
PH 4/6	3000739	367
PH 4/7	3000740	367
PH 4/8	3000741	367
PH 4/9	3000742	367
PH 6/2	3000680	367
PH 6/3	3000681	367
PH 6/4	3000682	367
PH 6/5	3000683	367
PH 6/6	3000684	367
PH 6/7	3000685	367
PP 2,5/ 1	3211280	296
PP 2,5/ 1-L	3211271	297
PP 2,5/ 1-L BU	3211272	297
PP 2,5/ 1-L GNYE	3211273	297
PP 2,5/ 1-M	3211274	297
PP 2,5/ 1-M BU	3211275	297
PP 2,5/ 1-M GNYE	3211276	297
PP 2,5/ 1-R	3211277	297
PP 2,5/ 1-R BU	3211278	297
PP 2,5/ 1-R GNYE	3211279	297
PP 2,5/ 2	3211281	296
PP 2,5/ 3	3211282	296
PP 2,5/ 4	3211283	296
PP 2,5/ 5	3211284	296
PP 2,5/ 6	3211285	296
PP 2,5/ 7	3211286	296
PP 2,5/ 8	3211287	296
PP 2,5/ 9	3211288	296
PP 2,5/10	3211289	296
PP 2,5/11	3211290	296
PP 2,5/12	3211291	296
PP 2,5/13	3211292	296
PP 2,5/14	3211293	296
PP 2,5/15	3211294	296
PP-H 1,5/S/1	3212484	284
PP-H 1,5/S/1 BU	3212497	284
PP-H 1,5/S/1 GNYE	3212507	284
PP-H 1,5/S/1-L	3212659	285
PP-H 1,5/S/1-L BU	3212662	285
PP-H 1,5/S/1-L GNYE	3212675	285
PP-H 1,5/S/1-M	3212688	285
PP-H 1,5/S/1-M BU	3212691	285
PP-H 1,5/S/1-M GNYE	3212701	285
PP-H 1,5/S/1-R	3212714	285
PP-H 1,5/S/1-R BU	3212727	285
PP-H 1,5/S/1-R GNYE	3212730	285
PP-H 1,5/S/10	3212594	284
PP-H 1,5/S/11	3212604	284
PP-H 1,5/S/12	3212617	284
PP-H 1,5/S/13	3212620	284
PP-H 1,5/S/14	3212633	284
PP-H 1,5/S/15	3212646	284
PP-H 1,5/S/2	3212510	284
PP-H 1,5/S/3	3212523	284
PP-H 1,5/S/4	3212536	284
PP-H 1,5/S/5	3212549	284
PP-H 1,5/S/6	3212552	284
PP-H 1,5/S/7	3212565	284
PP-H 1,5/S/8	3212578	284
PP-H 1,5/S/9	3212581	284
PP-H 2,5/ 1	3209866	294
PP-H 2,5/ 1 BU	3210017	294
PP-H 2,5/ 1 GNYE	3210020	294
PP-H 2,5/ 2	3209879	294
PP-H 2,5/ 3	3209882	294
PP-H 2,5/ 4	3209895	294
PP-H 2,5/ 5	3209905	294
PP-H 2,5/ 6	3209918	294
PP-H 2,5/ 7	3209921	294
PP-H 2,5/ 8	3209934	294
PP-H 2,5/ 9	3209947	294
PP-H 2,5/1-L	3210062	295
PP-H 2,5/1-L BU	3210075	295
PP-H 2,5/1-L GNYE	3210088	295
PP-H 2,5/1-M	3210091	295
PP-H 2,5/1-M BU	3210101	295
PP-H 2,5/1-M GNYE	3210114	295
PP-H 2,5/1-R	3210127	295
PP-H 2,5/1-R BU	3210130	295
PP-H 2,5/1-R GNYE	3210143	295
PP-H 2,5/10	3209950	294
PP-H 2,5/11	3209963	294
PP-H 2,5/12	3209976	294
PP-H 2,5/13	3209989	294
PP-H 2,5/14	3209992	294
PP-H 2,5/15	3210004	294
PP-H 4/ 1	3212010	301
PP-H 4/ 1 BU	3212077	301
PP-H 4/ 1 GNYE	3212088	301
PP-H 4/ 1-L	3211948	301
PP-H 4/ 1-L BU	3211951	301
PP-H 4/ 1-L GNYE	3211958	301
PP-H 4/ 1-M	3211965	301
PP-H 4/ 1-M BU	3211964	301
PP-H 4/ 1-M GNYE	3211971	301
PP-H 4/ 1-R	3211977	301
PP-H 4/ 1-R BU	3211980	301
PP-H 4/ 1-R GNYE	3211987	301
PP-H 4/ 2	3212016	301
PP-H 4/ 3	3212022	301
PP-H 4/ 4	3212029	301
PP-H 4/ 5	3212035	301
PP-H 4/ 6	3212041	301
PP-H 4/ 7	3212048	301
PP-H 4/ 8	3212054	301
PP-H 4/ 9	3212061	301
PP-H 4/10	3212067	301
PP-H 4/11	3212074	301
PP-H 4/12	3212080	301
PP-H 4/13	3212087	301
PP-H 4/14	3212093	301
PP-H 4/15	3212100	301
PP-H 6/ 1	3061541	308
PP-H 6/ 1 BU	3061554	308
PP-H 6/ 1 GNYE	3061567	308
PP-H 6/ 1-L	3061664	308
PP-H 6/ 1-L BU	3061677	308
PP-H 6/ 1-L GNYE	3061680	308
PP-H 6/ 1-M	3061693	308
PP-H 6/ 1-M BU	3061703	308
PP-H 6/ 1-M GNYE	3061716	308
PP-H 6/ 1-R	3061729	308
PP-H 6/ 1-R BU	3061732	308
PP-H 6/ 1-R GNYE	3061745	308
PP-H 6/ 2	3061570	308
PP-H 6/ 3	3061583	308
PP-H 6/ 4	3061596	308
PP-H 6/ 5	3061606	308
PP-H 6/ 6	3061619	308
PP-H 6/ 7	3061622	308
PP-H 6/ 8	3061635	308
PP-H 6/ 9	3061648	308
PP-H 6/10	3061651	308
PPC 1,5/S-NS/1-L	3213700	283
PPC 1,5/S/ 2	3213386	282
PPC 1,5/S/ 3	3213399	282
PPC 1,5/S/ 4	3213409	282
PPC 1,5/S/ 5	3213412	282
PPC 1,5/S/ 6	3213425	282
PPC 1,5/S/ 7	3213438	282
PPC 1,5/S/ 8	3213441	282
PPC 1,5/S/ 9	3213454	282
PPC 1,5/S/1-L	3213357	282
PPC 1,5/S/1-L BU	3213360	282
PPC 1,5/S/1-L GNYE	3213373	282
PPC 1,5/S/10	3213467	282
PPC 1,5/S/11	3213470	282
PPC 1,5/S/12	3213483	282
PPC 1,5/S/13	3213496	282
PPC 1,5/S/14	3213506	282
PPC 1,5/S/15	3213519	282
PPC 2,5-NS/1-L	3000652	292
PPC 2,5/1-L	3000653	291
PPC 2,5/1-L BU	3000654	291
PPC 2,5/1-L GNYE	3000655	291
PPC 2,5/10	3000664	291
PPC 2,5/11	3000665	291
PPC 2,5/12	3000666	291
PPC 2,5/13	3000667	291
PPC 2,5/14	3000668	291
PPC 2,5/15	3000669	291
PPC 2,5/2	3000656	291
PPC 2,5/3	3000657	291
PPC 2,5/4	3000658	291
PPC 2,5/5	3000659	291
PPC 2,5/6	3000660	291
PPC 2,5/7	3000661	291
PPC 2,5/8	3000662	291
PPC 2,5/9	3000663	291
PPC 6-NS/1-L	3000689	307
PPC 6/1-L	3000690	306
PPC 6/1-L BU	3000691	306
PPC 6/1-L GNYE	3000692	306
PPC 6/10	3000702	306
PPC 6/2	3000693	306
PPC 6/3	3000694	306
PPC 6/4	3000695	306
PPC 6/5	3000697	306
PPC 6/6	3000698	306
PPC 6/7	3000699	306
PPC 6/8	3000700	306
PPC 6/9	3000701	306
PPCT 6/2	3212304	304
PPCT 6/3	3212305	304
PR	3040559	363
PR 1,5/S	3212882	363
PR 1,5/S/2	3212895	363
PR/2	3040630	363
PRT/2	3040631	363
PRV/2	3041862	363
PRZ	3040614	363
PRZ 1,5/S	3212905	363
PS 6-CT-SD	3246857	491
PS 6-DI-SD	3246856	491
PS 6-VT-SD	3246858	491
PS-3,5	3031010	36
PS-3,5/E	3031012	405
PS-4	3030970	152
PS-4/E	3036709	405
PS-5	3030983	68
PS-5/2,3MM RD	3038723	404
PS-6	3030996	92
PS-6/2,3MM RD	3038736	404
PS-7,5/2,3MM RD	3038749	569
PS-8	3031005	104
PS-8/2,3MM RD	3048564	404
PS-UK 2,5 B/E	3001132	404
PS-UK 2,5 B/Z-5	3001226	404
PS-UK 2,5 B/Z-6	3001239	404
PS-UKK 3	3000638	405
PS-UKK 5	3000625	405
PS-UKK/E	3000641	405
PSB 3/10/4	0601292	568
PSB 4/7/6	0303299	568
PSB 6/5/6	0205290	568
PSBJ 3,5/18/6 BK	0311388	564

Type	Order No.	Page
PSBJ 3,5/18/6 BU	0311333	564
PSBJ 3,5/18/6 FARBLOS	0311391	564
PSBJ 3,5/18/6 GN	0311359	564
PSBJ 3,5/18/6 GY	0311375	564
PSBJ 3,5/18/6 RD	0311320	564
PSBJ 3,5/18/6 VT	0311362	564
PSBJ 3,5/18/6 WH	0311317	564
PSBJ 3,5/18/6 YE	0311346	564
PSBJ 3/13/4	0201304	564
PSBJ 3/50/6 GY	3048098	565
PSBJ 3/52/6 GY	3048085	565
PSBJ 4/15/6 BK	0303406	564
PSBJ 4/15/6 BU	0303354	564
PSBJ 4/15/6 FARBLOS	0303419	564
PSBJ 4/15/6 GN	0303370	564
PSBJ 4/15/6 GY	0303396	564
PSBJ 4/15/6 RD	0303325	564
PSBJ 4/15/6 VT	0303383	564
PSBJ 4/15/6 WH	0303312	564
PSBJ 4/15/6 YE	0303367	564
PSBJ 4/41/8 GY	3206186	565
PSBJ 4/51/8 GY	3206173	565
PSBJ 6-T BK	3070318	567
PSBJ 6-T BN	3070317	567
PSBJ 6-T BU	3070329	567
PSBJ 6-T GN	3070327	567
PSBJ 6-T GY	3070316	567
PSBJ 6-T OG	3070320	109
PSBJ 6-T RD	3070319	567
PSBJ 6-T VT	3070328	567
PSBJ 6-T WH	3070324	567
PSBJ 6-T YE	3070326	567
PSBJ-GSK/S BK	0305381	481
PSBJ-GSK/S BU	0305336	481
PSBJ-GSK/S FARBLOS	0305394	481
PSBJ-GSK/S GN	0305352	481
PSBJ-GSK/S GY	0305378	481
PSBJ-GSK/S RD	0305323	481
PSBJ-GSK/S VT	0305365	481
PSBJ-GSK/S WH	0305310	481
PSBJ-GSK/S YE	0305349	481
PSBJ-GSK/S-N BU	3032894	566
PSBJ-GSK/S-N GN	3032892	566
PSBJ-GSK/S-N OG	3032890	566
PSBJ-GSK/S-N VT	3032893	566
PSBJ-GSK/S-N YE	3032891	566
PSBJ-URTK 6 BK	3026447	565
PSBJ-URTK 6 BN	3026971	565
PSBJ-URTK 6 BU	3026434	565
PSBJ-URTK 6 FARBLOS	3026450	565
PSBJ-URTK 6 GN	3026418	565
PSBJ-URTK 6 GY	3026612	565
PSBJ-URTK 6 RD	3026719	565
PSBJ-URTK 6 VT	3026421	565
PSBJ-URTK 6 WH	3026448	595
PSBJ-URTK 6 YE	3026405	565
PSBJ-URTK/S BK	0311728	565
PSBJ-URTK/S BU	0311757	565
PSBJ-URTK/S GN	0311760	565
PSBJ-URTK/S RD	0311744	565
PSBJ-URTK/S VT	0311773	565
PSBJ-URTK/S YE	0311731	565
PSH 3- 6	3040591	364
PSH 3- 6 500MM	3061525	364
PSH 5-10	3040601	364
PT 1,5/S	3208100	37
PT 1,5/S BU	3208126	37
PT 1,5/S-3L	3213713	38
PT 1,5/S-3L BU	3213726	38
PT 1,5/S-3PE	3213739	38
PT 1,5/S-3PV	3213742	38
PT 1,5/S-MT	3210301	40
PT 1,5/S-MT BU	3210302	40
PT 1,5/S-MTD	3210308	40
PT 1,5/S-MTD BU	3210309	40
PT 1,5/S-PE	3208139	37
PT 1,5/S-PE/L/L	3213768	38
PT 1,5/S-PE/L/N	3213755	38
PT 1,5/S-QUATTRO	3208197	37
PT 1,5/S-QUATTRO BU	3208208	37
PT 1,5/S-QUATTRO-MT	3210321	40
PT 1,5/S-QUATTRO-MT BU	3210322	40
PT 1,5/S-QUATTRO-MTD	3210328	40
PT 1,5/S-QUATTRO-MTD BU	3210329	40
PT 1,5/S-QUATTRO-PE	3208333	37
PT 1,5/S-QUATTRO-U	3208359	37
PT 1,5/S-QUATTRO/2P	3212390	279
PT 1,5/S-QUATTRO/2P BU	3212400	279
PT 1,5/S-QUATTRO/2P-PE	3212413	279
PT 1,5/S-TWIN	3208155	37
PT 1,5/S-TWIN BU	3208168	37
PT 1,5/S-TWIN-MT	3210311	40
PT 1,5/S-TWIN-MT BU	3210312	40
PT 1,5/S-TWIN-MTD	3210317	40
PT 1,5/S-TWIN-MTD BU	3210319	40
PT 1,5/S-TWIN-PE	3208171	37
PT 1,5/S-TWIN/1P	3212358	279
PT 1,5/S-TWIN/1P BU	3212361	279
PT 1,5/S-TWIN/1P-PE	3212374	279
PT 1,5/S/1P	3208582	279
PT 1,5/S/1P BU	3208595	279
PT 1,5/S/1P-PE	3212332	279
PT 1,5/S/2P	3213784	280
PT 1,5/S/2P BU	3213797	280
PT 1,5/S/2P-PE	3213810	280
PT 10	3212120	115
PT 10 BU	3212123	115
PT 10,3-HESI 1000V	3062142	115
PT 10,3-HESILED 1000V	3062143	115
PT 10-PE	3212131	115
PT 10-TWIN	3208746	115
PT 10-TWIN BU	3208747	115
PT 10-TWIN-PE	3208745	115
PT 16 N	3212138	117
PT 16 N BU	3212142	117
PT 16 N-PE	3212147	117
PT 16-TWIN N	3208760	117
PT 16-TWIN N BU	3208773	117
PT 16-TWIN N-PE	3208786	117
PT 2,5	3209510	69
PT 2,5 BU	3209523	69
PT 2,5-3L	3210499	71
PT 2,5-3L BU	3210509	71
PT 2,5-3PE	3210525	71
PT 2,5-3PV	3210512	71
PT 2,5-4L/1P	3012300	290
PT 2,5-4L/1P-F	3012326	290
PT 2,5-4L/1P-FS	3012302	290
PT 2,5-4L/2P	3012310	290
PT 2,5-4L/2P-FS	3012312	290
PT 2,5-DIO/L-R	3210224	79
PT 2,5-DIO/R-L	3210237	79
PT 2,5-HEXA/3P	3040044	287
PT 2,5-HEXA/3P BU	3040048	287
PT 2,5-HEXA/3P-PE	3040052	287
PT 2,5-MT	3210156	76
PT 2,5-MT BU	3211650	76
PT 2,5-MTB	3210157	76
PT 2,5-MTB BU	3210163	76
PT 2,5-PE	3209536	69
PT 2,5-PE/3L	3210542	71
PT 2,5-PE/3L/2P	3012316	290
PT 2,5-PE/L/L	3210541	71
PT 2,5-PE/L/N	3210538	71
PT 2,5-QUATTRO	3209578	69
PT 2,5-QUATTRO BU	3209581	69
PT 2,5-QUATTRO-DIO/L-R	3210266	79
PT 2,5-QUATTRO-DIO/R-L	3210279	79
PT 2,5-QUATTRO-MT	3210172	77
PT 2,5-QUATTRO-MT BU	3211676	77
PT 2,5-QUATTRO-MTB	3210184	77
PT 2,5-QUATTRO-MTB BU	3210191	77
PT 2,5-QUATTRO-PE	3209594	69
PT 2,5-QUATTRO-TG	3210208	74
PT 2,5-QUATTRO-TGB	3210194	74
PT 2,5-QUATTRO/2P	3209662	287
PT 2,5-QUATTRO/2P BU	3209675	287
PT 2,5-QUATTRO/2P-PE	3209688	287
PT 2,5-TG	3210185	72
PT 2,5-TGB	3210192	72
PT 2,5-TWIN	3209549	69
PT 2,5-TWIN BU	3209552	69
PT 2,5-TWIN-DIO/L-R	3210240	79
PT 2,5-TWIN-DIO/R-L	3210253	79
PT 2,5-TWIN-MT	3210169	77
PT 2,5-TWIN-MT BU	3211663	77
PT 2,5-TWIN-MTB	3210170	77
PT 2,5-TWIN-MTB BU	3210177	77
PT 2,5-TWIN-PE	3209565	69
PT 2,5-TWIN-TG	3210198	73
PT 2,5-TWIN-TGB	3210193	73
PT 2,5-TWIN/1P	3209633	287
PT 2,5-TWIN/1P BU	3209646	287
PT 2,5-TWIN/1P-PE	3209659	287
PT 2,5/1P	3210033	287
PT 2,5/1P BU	3210046	287
PT 2,5/1P-PE	3210059	287
PT 2,5/S-QUATTRO	3211019	69
PT 2,5/S-QUATTRO BU	3211022	69
PT 2,5/S-QUATTRO-PE	3211025	69
PT 4	3211757	93
PT 4 BU	3211760	93
PT 4-FSI/F	3208943	96
PT 4-FSI/F-LED 12	3208951	96
PT 4-FSI/F-LED 24	3208964	96
PT 4-HESI (5X20)	3211861	95
PT 4-HESILA 250 (5X20)	3211907	95
PT 4-HESILED 24 (5X20)	3211903	95
PT 4-HESILED 60 (5X20)	3207908	95
PT 4-L	3002616	94
PT 4-L/HESI (5X20)	3002608	96
PT 4-L/HESILED 24 (5X20)	3002609	96
PT 4-L/HESILED 250 (5X20)	3002612	96
PT 4-L/HESILED 60 (5X20)	3002611	96
PT 4-L/L	3002615	94
PT 4-MT	3211933	97
PT 4-MT BU	3211934	97
PT 4-PE	3211766	93
PT 4-PE/3L	3210442	94
PT 4-PE/L/HESI (5X20)	3002602	96
PT 4-PE/L/HESILED 24 (5X20)	3002603	96
PT 4-PE/L/HESILED 250 (5X20)	3002605	96
PT 4-PE/L/HESILED 60 (5X20)	3002604	96
PT 4-PE/L/L	3002613	94
PT 4-PE/L/MT	3002617	98
PT 4-PE/L/N	3002614	94
PT 4-PE/L/TG	3002618	98
PT 4-QUATTRO	3211797	93
PT 4-QUATTRO BU	3211802	93
PT 4-QUATTRO-DIO 1N 5408/L-R	3211919	98
PT 4-QUATTRO-DIO 1N 5408/R-L	3211921	98
PT 4-QUATTRO-PE	3211809	93
PT 4-QUATTRO/2P	3211991	299
PT 4-QUATTRO/2P BU	3212000	299
PT 4-QUATTRO/2P-PE	3211999	299
PT 4-TG	3211922	97
PT 4-TWIN	3211771	93
PT 4-TWIN BU	3211775	93
PT 4-TWIN-PE	3211780	93
PT 4-TWIN/1P	3212200	299
PT 4-TWIN/1P BU	3212201	299
PT 4-TWIN/1P-PE	3212202	299
PT 4-WE	3044900	621
PT 4-WE/1	3044906	621
PT 4-WE/10	3044915	621
PT 4-WE/11	3044916	621
PT 4-WE/12	3044917	621
PT 4-WE/13	3044918	621
PT 4-WE/14	3044919	621
PT 4-WE/15	3044920	621
PT 4-WE/16	3044921	621
PT 4-WE/17	3044922	621
PT 4-WE/18	3044923	621
PT 4-WE/19	3044924	621
PT 4-WE/2	3044907	621
PT 4-WE/20	3044925	621
PT 4-WE/3	3044908	621
PT 4-WE/4	3044909	621
PT 4-WE/5	3044910	621
PT 4-WE/6	3044911	621
PT 4-WE/7	3044912	621
PT 4-WE/8	3044913	621
PT 4-WE/9	3044914	621
PT 4/1P	3211937	299
PT 4/1P BU	3212007	299
PT 4/1P-PE	3211942	299
PT 6	3211813	105
PT 6 BU	3211819	105
PT 6-FSI/C	3212166	106
PT 6-FSI/C-LED 12	3212169	106
PT 6-FSI/C-LED 24	3212172	106
PT 6-FSI/C-LED 48	3212175	106
PT 6-HESI (6,3X32)	3211870	106
PT 6-HESILED 24 (6,3X32)	3211874	106
PT 6-HESILED 250 (6,3X32)	3212133	106
PT 6-HESILED 60 (6,3X32)	3211868	106
PT 6-MT	3212160	107
PT 6-PE	3211822	105
PT 6-QUATTRO	3212934	105
PT 6-QUATTRO BU	3212947	105
PT 6-QUATTRO-PE	3212950	105
PT 6-QUATTRO/2P	3061826	303
PT 6-QUATTRO/2P BU	3061839	303
PT 6-QUATTRO/2P-PE	3061842	303
PT 6-TG	3212163	107
PT 6-TWIN	3211929	105
PT 6-TWIN BU	3211485	105
PT 6-TWIN-PE	3211498	105
PT 6/1P	3061758	303
PT 6/1P BU	3061761	303
PT 6/1P-PE	3061774	303
PTB 2,5-PE/L/L	3210547	90
PTB 2,5-PE/L/MT	3210549	89
PTB 2,5-PE/L/NTG	3210545	89
PTB 2,5-PE/L/TG	3210539	89
PTC 2,5-MT	3270079	76
PTC 2,5-MTD	3270106	72
PTC 2,5-MTD BU	3270109	72
PTC 2,5-QUATTRO-MT	3270085	78
PTC 2,5-QUATTRO-TG	3270094	74
PTC 2,5-TG	3270088	72
PTC 2,5-TWIN-MT	3270082	76
PTC 2,5-TWIN-MTD	3270110	73
PTC 2,5-TWIN-MTD BU	3270111	73
PTC 2,5-TWIN-TG	3270091	73
PTC 4-HESI (5X20)	3270200	95
PTC 4-HESILA 250 (5X20)	3270197	95
PTC 4-HESILED 24 (5X20)	3270203	95
PTC 4-HESILED 60 (5X20)	3270205	95
PTFIX 1,5-DF	3003116	134
PTFIX 12X1,5 BK	3002782	135
PTFIX 12X1,5 BN	3002776	135
PTFIX 12X1,5 BU	3002763	135
PTFIX 12X1,5 GN	3002772	135
PTFIX 12X1,5 GY	3002758	135
PTFIX 12X1,5 OG	3002793	135
PTFIX 12X1,5 PK	3002789	135
PTFIX 12X1,5 RD	3002766	135
PTFIX 12X1,5 VT	3002785	135
PTFIX 12X1,5 WH	3002779	135
PTFIX 12X1,5 YE	3002769	135
PTFIX 12X1,5-FE	3002796	135
PTFIX 12X1,5-G BK	3002894	136
PTFIX 12X1,5-G BN	3002888	136
PTFIX 12X1,5-G BU	3002865	136
PTFIX 12X1,5-G GN	3002884	136
PTFIX 12X1,5-G GY	3002799	136
PTFIX 12X1,5-G OG	3002904	136
PTFIX 12X1,5-G PK	3002901	136
PTFIX 12X1,5-G RD	3002878	136
PTFIX 12X1,5-G VT	3002897	136
PTFIX 12X1,5-G WH	3002891	136
PTFIX 12X1,5-G YE	3002881	136
PTFIX 12X1,5-G-FE	3002907	136
PTFIX 12X1,5-NS15A BK	3002968	137
PTFIX 12X1,5-NS15A BN	3002971	137
PTFIX 12X1,5-NS15A BU	3002922	137
PTFIX 12X1,5-NS15A GN	3002964	137
PTFIX 12X1,5-NS15A GY	3002914	137
PTFIX 12X1,5-NS15A OG	3002949	137

Type	Order No.	Page
PTFIX 12X1,5-NS15A PK	3002977	137
PTFIX 12X1,5-NS15A RD	3002931	137
PTFIX 12X1,5-NS15A VT	3002974	137
PTFIX 12X1,5-NS15A WH	3002941	137
PTFIX 12X1,5-NS15A YE	3002958	137
PTFIX 12X1,5-NS15A-FE	3002981	137
PTFIX 12X2,5 BK	3273300	139
PTFIX 12X2,5 BN	3273296	139
PTFIX 12X2,5 BU	3273288	139
PTFIX 12X2,5 GN	3273294	139
PTFIX 12X2,5 GY	3273286	139
PTFIX 12X2,5 OG	3273304	139
PTFIX 12X2,5 RD	3273290	139
PTFIX 12X2,5 VT	3273302	139
PTFIX 12X2,5 WH	3273298	139
PTFIX 12X2,5 YE	3273292	139
PTFIX 12X2,5-FE	3273306	139
PTFIX 12X2,5-FE-G	3273436	140
PTFIX 12X2,5-G BK	3273430	140
PTFIX 12X2,5-G BN	3273426	140
PTFIX 12X2,5-G BU	3273418	140
PTFIX 12X2,5-G GN	3273424	140
PTFIX 12X2,5-G GY	3273416	140
PTFIX 12X2,5-G OG	3273434	140
PTFIX 12X2,5-G RD	3273420	140
PTFIX 12X2,5-G VT	3273432	140
PTFIX 12X2,5-G WH	3273428	140
PTFIX 12X2,5-G YE	3273422	140
PTFIX 12X2,5-NS15A BK	3274136	141
PTFIX 12X2,5-NS15A BN	3274132	141
PTFIX 12X2,5-NS15A BU	3274124	141
PTFIX 12X2,5-NS15A GN	3274130	141
PTFIX 12X2,5-NS15A GY	3274122	141
PTFIX 12X2,5-NS15A OG	3274140	141
PTFIX 12X2,5-NS15A RD	3274126	141
PTFIX 12X2,5-NS15A VT	3274138	141
PTFIX 12X2,5-NS15A WH	3274134	141
PTFIX 12X2,5-NS15A YE	3274128	141
PTFIX 12X2,5-NS15A-FE	3274142	141
PTFIX 12X2,5-NS35 BK	3273036	141
PTFIX 12X2,5-NS35 BN	3273032	141
PTFIX 12X2,5-NS35 BU	3273024	141
PTFIX 12X2,5-NS35 GN	3273030	141
PTFIX 12X2,5-NS35 GY	3273022	141
PTFIX 12X2,5-NS35 OG	3273040	141
PTFIX 12X2,5-NS35 RD	3273026	141
PTFIX 12X2,5-NS35 VT	3273038	141
PTFIX 12X2,5-NS35 WH	3273034	141
PTFIX 12X2,5-NS35 YE	3273028	141
PTFIX 12X2,5-NS35-FE	3273042	141
PTFIX 12X2,5-NS35A BK	3273168	141
PTFIX 12X2,5-NS35A BN	3273164	141
PTFIX 12X2,5-NS35A BU	3273156	141
PTFIX 12X2,5-NS35A GN	3273162	141
PTFIX 12X2,5-NS35A GY	3273154	141
PTFIX 12X2,5-NS35A OG	3273172	141
PTFIX 12X2,5-NS35A RD	3273158	141
PTFIX 12X2,5-NS35A VT	3273170	141
PTFIX 12X2,5-NS35A WH	3273166	141
PTFIX 12X2,5-NS35A YE	3273160	141
PTFIX 12X2,5-NS35A-FE	3273174	141
PTFIX 18X1,5 BK	3002783	135
PTFIX 18X1,5 BU	3002764	135
PTFIX 18X1,5 GN	3002773	135
PTFIX 18X1,5 GY	3002760	135
PTFIX 18X1,5 OG	3002794	135
PTFIX 18X1,5 PK	3002790	135
PTFIX 18X1,5 RD	3002767	135
PTFIX 18X1,5 VT	3002786	135
PTFIX 18X1,5 WH	3002780	135
PTFIX 18X1,5 YE	3002770	135
PTFIX 18X1,5-FE	3002797	135
PTFIX 18X1,5-G BK	3002895	136
PTFIX 18X1,5-G BN	3002889	136
PTFIX 18X1,5-G BU	3002876	136
PTFIX 18X1,5-G GN	3002886	136
PTFIX 18X1,5-G GY	3002804	136
PTFIX 18X1,5-G OG	3002905	136
PTFIX 18X1,5-G PK	3002902	136
PTFIX 18X1,5-G RD	3002879	136
PTFIX 18X1,5-G VT	3002899	136
PTFIX 18X1,5-G WH	3002892	136
PTFIX 18X1,5-G YE	3002882	136
PTFIX 18X1,5-G-FE	3002909	136
PTFIX 18X1,5-NS15A BK	3002969	137
PTFIX 18X1,5-NS15A BN	3002972	137
PTFIX 18X1,5-NS15A BU	3002926	137
PTFIX 18X1,5-NS15A GN	3002965	137
PTFIX 18X1,5-NS15A GY	3002917	137
PTFIX 18X1,5-NS15A OG	3002952	137
PTFIX 18X1,5-NS15A PK	3002978	137
PTFIX 18X1,5-NS15A RD	3002934	137
PTFIX 18X1,5-NS15A VT	3002975	137
PTFIX 18X1,5-NS15A WH	3002944	137
PTFIX 18X1,5-NS15A YE	3002961	137
PTFIX 18X1,5-NS15A-FE	3002983	137
PTFIX 18X2,5 BK	3273322	139
PTFIX 18X2,5 BU	3273310	139
PTFIX 18X2,5 GN	3273316	139
PTFIX 18X2,5 GY	3273308	139
PTFIX 18X2,5 OG	3273326	139
PTFIX 18X2,5 RD	3273312	139
PTFIX 18X2,5 VT	3273324	139
PTFIX 18X2,5 WH	3273320	139
PTFIX 18X2,5 YE	3273314	139
PTFIX 18X2,5-FE	3273328	139
PTFIX 18X2,5-FE-G	3273458	140
PTFIX 18X2,5-G BK	3273452	140
PTFIX 18X2,5-G BN	3273448	140
PTFIX 18X2,5-G BU	3273440	140
PTFIX 18X2,5-G GN	3273446	140
PTFIX 18X2,5-G GY	3273438	140
PTFIX 18X2,5-G OG	3273456	140
PTFIX 18X2,5-G RD	3273442	140
PTFIX 18X2,5-G VT	3273454	140
PTFIX 18X2,5-G WH	3273450	140
PTFIX 18X2,5-G YE	3273444	140
PTFIX 18X2,5-NS15A BK	3274158	141
PTFIX 18X2,5-NS15A BN	3274154	141
PTFIX 18X2,5-NS15A BU	3274146	141
PTFIX 18X2,5-NS15A GN	3274152	141
PTFIX 18X2,5-NS15A GY	3274144	141
PTFIX 18X2,5-NS15A OG	3274162	141
PTFIX 18X2,5-NS15A RD	3274148	141
PTFIX 18X2,5-NS15A VT	3274160	141
PTFIX 18X2,5-NS15A WH	3274156	141
PTFIX 18X2,5-NS15A YE	3274150	141
PTFIX 18X2,5-NS15A-FE	3274164	141
PTFIX 18X2,5-NS35 BK	3273058	141
PTFIX 18X2,5-NS35 BN	3273054	141
PTFIX 18X2,5-NS35 BU	3273046	141
PTFIX 18X2,5-NS35 GN	3273052	141
PTFIX 18X2,5-NS35 GY	3273044	141
PTFIX 18X2,5-NS35 OG	3273062	141
PTFIX 18X2,5-NS35 RD	3273048	141
PTFIX 18X2,5-NS35 VT	3273060	141
PTFIX 18X2,5-NS35 WH	3273056	141
PTFIX 18X2,5-NS35 YE	3273050	141
PTFIX 18X2,5-NS35-FE	3273064	141
PTFIX 18X2,5-NS35A BK	3273190	141
PTFIX 18X2,5-NS35A BN	3273186	141
PTFIX 18X2,5-NS35A BU	3273178	141
PTFIX 18X2,5-NS35A GN	3273184	141
PTFIX 18X2,5-NS35A GY	3273176	141
PTFIX 18X2,5-NS35A OG	3273194	141
PTFIX 18X2,5-NS35A RD	3273180	141
PTFIX 18X2,5-NS35A VT	3273192	141
PTFIX 18X2,5-NS35A WH	3273188	141
PTFIX 18X2,5-NS35A YE	3273182	141
PTFIX 18X2,5-NS35A-FE	3273196	141
PTFIX 6/12X2,5 BK	3273366	143
PTFIX 6/12X2,5 BN	3273362	143
PTFIX 6/12X2,5 BU	3273354	143
PTFIX 6/12X2,5 GN	3273360	143
PTFIX 6/12X2,5 GY	3273352	143
PTFIX 6/12X2,5 OG	3273370	143
PTFIX 6/12X2,5 RD	3273356	143
PTFIX 6/12X2,5 VT	3273368	143
PTFIX 6/12X2,5 WH	3273364	143
PTFIX 6/12X2,5 YE	3273358	143
PTFIX 6/12X2,5-FE	3273372	143
PTFIX 6/12X2,5-FE-G	3273502	144
PTFIX 6/12X2,5-G BK	3273496	144
PTFIX 6/12X2,5-G BN	3273492	144
PTFIX 6/12X2,5-G BU	3273484	144
PTFIX 6/12X2,5-G GN	3273490	144
PTFIX 6/12X2,5-G GY	3273482	144
PTFIX 6/12X2,5-G OG	3273500	144
PTFIX 6/12X2,5-G RD	3273486	144
PTFIX 6/12X2,5-G VT	3273498	144
PTFIX 6/12X2,5-G WH	3273494	144
PTFIX 6/12X2,5-G YE	3273488	144
PTFIX 6/12X2,5-NS15A BK	3274202	145
PTFIX 6/12X2,5-NS15A BN	3274198	145
PTFIX 6/12X2,5-NS15A BU	3274190	145
PTFIX 6/12X2,5-NS15A GN	3274196	145
PTFIX 6/12X2,5-NS15A GY	3274188	145
PTFIX 6/12X2,5-NS15A OG	3274206	145
PTFIX 6/12X2,5-NS15A RD	3274192	145
PTFIX 6/12X2,5-NS15A VT	3274204	145
PTFIX 6/12X2,5-NS15A WH	3274200	145
PTFIX 6/12X2,5-NS15A YE	3274194	145
PTFIX 6/12X2,5-NS15A-FE	3274208	145
PTFIX 6/12X2,5-NS35 BK	3273102	145
PTFIX 6/12X2,5-NS35 BN	3273098	145
PTFIX 6/12X2,5-NS35 BU	3273090	145
PTFIX 6/12X2,5-NS35 GN	3273096	145
PTFIX 6/12X2,5-NS35 GY	3273088	145
PTFIX 6/12X2,5-NS35 OG	3273106	145
PTFIX 6/12X2,5-NS35 RD	3273092	145
PTFIX 6/12X2,5-NS35 VT	3273104	145
PTFIX 6/12X2,5-NS35 WH	3273100	145
PTFIX 6/12X2,5-NS35 YE	3273094	145
PTFIX 6/12X2,5-NS35-FE	3273108	145
PTFIX 6/12X2,5-NS35A BK	3273234	145
PTFIX 6/12X2,5-NS35A BN	3273230	145
PTFIX 6/12X2,5-NS35A BU	3273222	145
PTFIX 6/12X2,5-NS35A GN	3273228	145
PTFIX 6/12X2,5-NS35A GY	3273220	145
PTFIX 6/12X2,5-NS35A OG	3273238	145
PTFIX 6/12X2,5-NS35A RD	3273224	145
PTFIX 6/12X2,5-NS35A VT	3273236	145
PTFIX 6/12X2,5-NS35A WH	3273232	145
PTFIX 6/12X2,5-NS35A YE	3273226	145
PTFIX 6/12X2,5-NS35A-FE	3273240	145
PTFIX 6/18X2,5 BK	3273388	143
PTFIX 6/18X2,5 BU	3273376	143
PTFIX 6/18X2,5 GN	3273382	143
PTFIX 6/18X2,5 GY	3273374	143
PTFIX 6/18X2,5 OG	3273392	143
PTFIX 6/18X2,5 RD	3273378	143
PTFIX 6/18X2,5 VT	3273390	143
PTFIX 6/18X2,5 WH	3273386	143
PTFIX 6/18X2,5 YE	3273380	143
PTFIX 6/18X2,5-FE	3273394	143
PTFIX 6/18X2,5-FE-G	3273524	144
PTFIX 6/18X2,5-G BK	3273518	144
PTFIX 6/18X2,5-G BN	3273514	144
PTFIX 6/18X2,5-G BU	3273506	144
PTFIX 6/18X2,5-G GN	3273512	144
PTFIX 6/18X2,5-G GY	3273504	144
PTFIX 6/18X2,5-G OG	3273522	144
PTFIX 6/18X2,5-G RD	3273508	144
PTFIX 6/18X2,5-G VT	3273520	144
PTFIX 6/18X2,5-G WH	3273516	144
PTFIX 6/18X2,5-G YE	3273510	144
PTFIX 6/18X2,5-NS15A BK	3274224	145
PTFIX 6/18X2,5-NS15A BN	3274220	145
PTFIX 6/18X2,5-NS15A BU	3274212	145
PTFIX 6/18X2,5-NS15A GN	3274218	145
PTFIX 6/18X2,5-NS15A GY	3274210	145
PTFIX 6/18X2,5-NS15A OG	3274228	145
PTFIX 6/18X2,5-NS15A RD	3274214	145
PTFIX 6/18X2,5-NS15A VT	3274226	145
PTFIX 6/18X2,5-NS15A WH	3274222	145
PTFIX 6/18X2,5-NS15A YE	3274216	145
PTFIX 6/18X2,5-NS15A-FE	3274230	145
PTFIX 6/18X2,5-NS35 BK	3273124	145
PTFIX 6/18X2,5-NS35 BN	3273120	145
PTFIX 6/18X2,5-NS35 BU	3273112	145
PTFIX 6/18X2,5-NS35 GN	3273118	145
PTFIX 6/18X2,5-NS35 GY	3273110	145
PTFIX 6/18X2,5-NS35 OG	3273128	145
PTFIX 6/18X2,5-NS35 RD	3273114	145
PTFIX 6/18X2,5-NS35 VT	3273126	145
PTFIX 6/18X2,5-NS35 WH	3273122	145
PTFIX 6/18X2,5-NS35 YE	3273116	145
PTFIX 6/18X2,5-NS35-FE	3273130	145
PTFIX 6/18X2,5-NS35A BK	3273256	145
PTFIX 6/18X2,5-NS35A BN	3273252	145
PTFIX 6/18X2,5-NS35A BU	3273244	145
PTFIX 6/18X2,5-NS35A GN	3273250	145
PTFIX 6/18X2,5-NS35A GY	3273242	145
PTFIX 6/18X2,5-NS35A OG	3273260	145
PTFIX 6/18X2,5-NS35A RD	3273246	145
PTFIX 6/18X2,5-NS35A VT	3273258	145
PTFIX 6/18X2,5-NS35A WH	3273254	145
PTFIX 6/18X2,5-NS35A YE	3273248	145
PTFIX 6/18X2,5-NS35A-FE	3273262	145
PTFIX 6/6X2,5 BK	3273344	143
PTFIX 6/6X2,5 BN	3273340	143
PTFIX 6/6X2,5 BU	3273332	143
PTFIX 6/6X2,5 GN	3273338	143
PTFIX 6/6X2,5 GY	3273330	143
PTFIX 6/6X2,5 OG	3273348	143
PTFIX 6/6X2,5 RD	3273334	143
PTFIX 6/6X2,5 VT	3273346	143
PTFIX 6/6X2,5 WH	3273342	143
PTFIX 6/6X2,5 YE	3273336	143
PTFIX 6/6X2,5-FE	3273350	143
PTFIX 6/6X2,5-FE-G	3273480	144
PTFIX 6/6X2,5-G BK	3273474	144
PTFIX 6/6X2,5-G BN	3273470	144
PTFIX 6/6X2,5-G BU	3273462	144
PTFIX 6/6X2,5-G GN	3273468	144
PTFIX 6/6X2,5-G GY	3273460	144
PTFIX 6/6X2,5-G OG	3273478	144
PTFIX 6/6X2,5-G RD	3273464	144
PTFIX 6/6X2,5-G VT	3273476	144
PTFIX 6/6X2,5-G WH	3273472	144
PTFIX 6/6X2,5-G YE	3273466	144
PTFIX 6/6X2,5-NS15A BK	3274180	145
PTFIX 6/6X2,5-NS15A BN	3274176	145
PTFIX 6/6X2,5-NS15A BU	3274168	145
PTFIX 6/6X2,5-NS15A GN	3274174	145
PTFIX 6/6X2,5-NS15A GY	3274166	145
PTFIX 6/6X2,5-NS15A OG	3274184	145
PTFIX 6/6X2,5-NS15A RD	3274170	145
PTFIX 6/6X2,5-NS15A VT	3274182	145
PTFIX 6/6X2,5-NS15A WH	3274178	145
PTFIX 6/6X2,5-NS15A YE	3274172	145
PTFIX 6/6X2,5-NS15A-FE	3274186	145
PTFIX 6/6X2,5-NS35 BK	3273080	145
PTFIX 6/6X2,5-NS35 BN	3273076	145
PTFIX 6/6X2,5-NS35 BU	3273068	145
PTFIX 6/6X2,5-NS35 GN	3273074	145
PTFIX 6/6X2,5-NS35 GY	3273066	145
PTFIX 6/6X2,5-NS35 OG	3273084	145
PTFIX 6/6X2,5-NS35 RD	3273070	145
PTFIX 6/6X2,5-NS35 VT	3273082	145
PTFIX 6/6X2,5-NS35 WH	3273078	145
PTFIX 6/6X2,5-NS35 YE	3273072	145
PTFIX 6/6X2,5-NS35-FE	3273086	145
PTFIX 6/6X2,5-NS35A BK	3273212	145
PTFIX 6/6X2,5-NS35A BN	3273208	145
PTFIX 6/6X2,5-NS35A BU	3273200	145
PTFIX 6/6X2,5-NS35A GN	3273206	145
PTFIX 6/6X2,5-NS35A GY	3273198	145
PTFIX 6/6X2,5-NS35A OG	3273216	145
PTFIX 6/6X2,5-NS35A RD	3273202	145
PTFIX 6/6X2,5-NS35A VT	3273214	145
PTFIX 6/6X2,5-NS35A WH	3273210	145
PTFIX 6/6X2,5-NS35A YE	3273204	145
PTFIX 6/6X2,5-NS35A-FE	3273218	145
PTFIX 6X1,5 BK	3002781	135
PTFIX 6X1,5 BN	3002774	135
PTFIX 6X1,5 BU	3002761	135
PTFIX 6X1,5 GN	3002771	135
PTFIX 6X1,5 GY	3002757	135
PTFIX 6X1,5 OG	3002792	135

Type	Order No.	Page
PTFIX 6X1,5 PK	3002787	135
PTFIX 6X1,5 RD	3002765	135
PTFIX 6X1,5 VT	3002784	135
PTFIX 6X1,5 WH	3002778	135
PTFIX 6X1,5 YE	3002768	135
PTFIX 6X1,5-FE	3002795	135
PTFIX 6X1,5-G BK	3002893	136
PTFIX 6X1,5-G BN	3002887	136
PTFIX 6X1,5-G BU	3002864	136
PTFIX 6X1,5-G GN	3002883	136
PTFIX 6X1,5-G GY	3002798	136
PTFIX 6X1,5-G OG	3002903	136
PTFIX 6X1,5-G PK	3002900	136
PTFIX 6X1,5-G RD	3002877	136
PTFIX 6X1,5-G VT	3002896	136
PTFIX 6X1,5-G WH	3002890	136
PTFIX 6X1,5-G YE	3002880	136
PTFIX 6X1,5-G-FE	3002906	136
PTFIX 6X1,5-NS15A BK	3002967	137
PTFIX 6X1,5-NS15A BN	3002970	137
PTFIX 6X1,5-NS15A BU	3002919	137
PTFIX 6X1,5-NS15A GN	3002963	137
PTFIX 6X1,5-NS15A GY	3002910	137
PTFIX 6X1,5-NS15A OG	3002946	137
PTFIX 6X1,5-NS15A PK	3002976	137
PTFIX 6X1,5-NS15A RD	3002928	137
PTFIX 6X1,5-NS15A VT	3002973	137
PTFIX 6X1,5-NS15A WH	3002936	137
PTFIX 6X1,5-NS15A YE	3002955	137
PTFIX 6X1,5-NS15A-FE	3002980	137
PTFIX 6X2,5 BK	3273278	139
PTFIX 6X2,5 BN	3273274	139
PTFIX 6X2,5 BU	3273266	139
PTFIX 6X2,5 GN	3273272	139
PTFIX 6X2,5 GY	3273264	139
PTFIX 6X2,5 OG	3273282	139
PTFIX 6X2,5 RD	3273268	139
PTFIX 6X2,5 VT	3273280	139
PTFIX 6X2,5 WH	3273276	139
PTFIX 6X2,5 YE	3273270	139
PTFIX 6X2,5-FE	3273284	139
PTFIX 6X2,5-FE-G	3273414	140
PTFIX 6X2,5-G BK	3273408	140
PTFIX 6X2,5-G BN	3273404	140
PTFIX 6X2,5-G BU	3273396	140
PTFIX 6X2,5-G GN	3273402	140
PTFIX 6X2,5-G GY	3273395	140
PTFIX 6X2,5-G OG	3273412	140
PTFIX 6X2,5-G RD	3273398	140
PTFIX 6X2,5-G VT	3273410	140
PTFIX 6X2,5-G WH	3273406	140
PTFIX 6X2,5-G YE	3273400	140
PTFIX 6X2,5-NS15A BK	3274114	141
PTFIX 6X2,5-NS15A BN	3274110	141
PTFIX 6X2,5-NS15A BU	3274102	141
PTFIX 6X2,5-NS15A GN	3274108	141
PTFIX 6X2,5-NS15A GY	3274100	141
PTFIX 6X2,5-NS15A OG	3274118	141
PTFIX 6X2,5-NS15A RD	3274104	141
PTFIX 6X2,5-NS15A VT	3274116	141
PTFIX 6X2,5-NS15A WH	3274112	141
PTFIX 6X2,5-NS15A YE	3274106	141
PTFIX 6X2,5-NS15A-FE	3274120	141
PTFIX 6X2,5-NS35 BK	3273014	141
PTFIX 6X2,5-NS35 BN	3273010	141
PTFIX 6X2,5-NS35 BU	3273002	141
PTFIX 6X2,5-NS35 GN	3273008	141
PTFIX 6X2,5-NS35 GY	3273000	141
PTFIX 6X2,5-NS35 OG	3273018	141
PTFIX 6X2,5-NS35 RD	3273004	141
PTFIX 6X2,5-NS35 VT	3273016	141
PTFIX 6X2,5-NS35 WH	3273012	141
PTFIX 6X2,5-NS35 YE	3273006	141
PTFIX 6X2,5-NS35-FE	3273020	141
PTFIX 6X2,5-NS35A BK	3273146	141
PTFIX 6X2,5-NS35A BN	3273142	141
PTFIX 6X2,5-NS35A BU	3273134	141
PTFIX 6X2,5-NS35A GN	3273140	141
PTFIX 6X2,5-NS35A GY	3273132	141
PTFIX 6X2,5-NS35A OG	3273150	141
PTFIX 6X2,5-NS35A RD	3273136	141
PTFIX 6X2,5-NS35A VT	3273148	141
PTFIX 6X2,5-NS35A WH	3273144	141
PTFIX 6X2,5-NS35A YE	3273138	141
PTFIX 6X2,5-NS35A-FE	3273152	141
PTFIX-F	3274060	138
PTFIX-NS15A	3274058	138
PTFIX-NS15A-FIX	3274059	138
PTFIX-NS35	3274054	138
PTFIX-NS35A	3274056	138
PTFIX-NS35A-FIX	3274057	138
PTI 16/S	3214029	118
PTI 16/S BU	3214023	118
PTI 16/S-PE	3214024	118
PTI 2,5	3213968	85
PTI 2,5 BU	3213969	85
PTI 2,5-L	3213951	87
PTI 2,5-L/L	3213953	87
PTI 2,5-L/LT	3213948	86
PTI 2,5-L/LTB	3213958	88
PTI 2,5-L/N	3213954	87
PTI 2,5-L/NT	3213947	86
PTI 2,5-L/NTB	3213956	88
PTI 2,5-L/TG	3213961	75
PTI 2,5-N	3213952	87
PTI 2,5-PE	3213962	85
PTI 2,5-PE/L/L	3213949	86
PTI 2,5-PE/L/LB	3213959	88
PTI 2,5-PE/L/LTB	3213957	87
PTI 2,5-PE/L/N	3213950	86
PTI 2,5-PE/L/NT	3213946	86
PTI 2,5-PE/L/NTB	3213955	87
PTI 2,5-PE/L/TG	3213960	75
PTI 4	3213970	102
PTI 4 BU	3213971	102
PTI 4-L/L	3214052	103
PTI 4-L/N	3214051	103
PTI 4-PE	3213964	102
PTI 4-PE/L/L	3214050	103
PTI 4-PE/L/LT	3214048	103
PTI 4-PE/L/N	3214049	103
PTI 4-PE/L/NT	3214047	103
PTI 6	3213972	112
PTI 6 BU	3213973	112
PTI 6-PE	3213966	112
PTIO 1,5/S/3	3244410	39
PTIO 1,5/S/3-LED 24 GN	3244436	39
PTIO 1,5/S/3-LED 24 RD	3244423	39
PTIO 1,5/S/3-PE	3244449	39
PTIO 1,5/S/4	3244452	39
PTIO 1,5/S/4-LED 24 GN	3244520	39
PTIO 1,5/S/4-LED 24 RD	3244517	39
PTIO 1,5/S/4-PE	3244465	39
PTIO-IN 2,5/3 OG	3244559	39
PTIO-IN 2,5/4-PE OG	3244481	39
PTMC 1,5 /1-2 -DF	3001937	66
PTMC 1,5 /1-2 -NS	3001915	66
PTMC 1,5 /1-3 -DF	3001929	66
PTMC 1,5 /1-3 -NS	3001905	66
PTMC 1,5 /2-2 -DF	3001940	66
PTMC 1,5 /2-2 -NS	3001916	66
PTMC 1,5 /2-3 -DF	3001930	66
PTMC 1,5 /2-3 -NS	3001906	66
PTMC 1,5 /3-2 -DF	3001942	66
PTMC 1,5 /3-2 -NS	3001917	66
PTMC 1,5 /3-3 -DF	3001931	66
PTMC 1,5 /3-3 -NS	3001907	66
PTMC 1,5 /4-2 -DF	3001943	66
PTMC 1,5 /4-2 -NS	3001918	66
PTMC 1,5 /4-3 -DF	3001932	66
PTMC 1,5 /4-3 -NS	3001908	66
PTMC 1,5 /5-2 -DF	3001944	66
PTMC 1,5 /5-2 -NS	3001919	66
PTMC 1,5 /5-3 -DF	3001933	66
PTMC 1,5 /5-3 -NS	3001910	66
PTMC 1,5 /6-2 -DF	3001945	66
PTMC 1,5 /6-2 -NS	3001920	66
PTMC 1,5 /6-3 -DF	3001934	66
PTMC 1,5 /6-3 -NS	3001911	66
PTMC 1,5 /7-2 -DF	3001946	66
PTMC 1,5 /7-2 -NS	3001921	66
PTMC 1,5 /7-3 -DF	3001935	66
PTMC 1,5 /7-3 -NS	3001913	66
PTMC 1,5 /8-2 -DF	3001947	66
PTMC 1,5 /8-2 -NS	3001922	66
PTMC 1,5 /8-3 -DF	3001936	66
PTMC 1,5 /8-3 -NS	3001914	66
PTMC 1,5-2 /BK	3270434	55
PTMC 1,5-2 /BN	3270433	55
PTMC 1,5-2 /BU	3270430	55
PTMC 1,5-2 /GN	3270432	55
PTMC 1,5-2 /GY	3270302	55
PTMC 1,5-2 /OG	3270436	55
PTMC 1,5-2 /PK	3270438	55
PTMC 1,5-2 /RD	3270431	55
PTMC 1,5-2 /VT	3270435	55
PTMC 1,5-2 /WH	3270303	55
PTMC 1,5-2 /YE	3270437	55
PTMC 1,5-3 /BK	3270424	55
PTMC 1,5-3 /BN	3270423	55
PTMC 1,5-3 /BU	3270420	55
PTMC 1,5-3 /GN	3270422	55
PTMC 1,5-3 /GY	3270300	55
PTMC 1,5-3 /OG	3270426	55
PTMC 1,5-3 /PK	3270428	55
PTMC 1,5-3 /RD	3270421	55
PTMC 1,5-3 /VT	3270425	55
PTMC 1,5-3 /WH	3270301	55
PTMC 1,5-3 /YE	3270427	55
PTMC 1,5/18	3270390	64
PTMC 1,5/32-2	3270314	58
PTMC 1,5/32-2 /BU	3270315	58
PTMC 1,5/32-2H /BU 19Z	3270317	62
PTMC 1,5/32-2H 19Z	3270316	62
PTMC 1,5/32-2H 19Z A-H	3270392	62
PTMC 1,5/32-2H VDE0815 19Z	3270395	63
PTMC 1,5/32-2H VDE0815 19Z A-H	3270393	63
PTMC 1,5/32-3	3270310	56
PTMC 1,5/32-3 /BU	3270312	56
PTMC 1,5/32-3 /BU 19Z	3270313	60
PTMC 1,5/32-3 19Z	3270311	60
PTMC 1,5/32-3 VDE0815 19Z	3270394	61
PTMC 1,5/48-2	3270322	59
PTMC 1,5/48-2 /BU	3270323	59
PTMC 1,5/48-3	3270318	57
PTMC 1,5/48-3 /BU	3270320	57
PTMC 1,5/48-3 /BU 19Z	3270321	61
PTMC 1,5/48-3 19Z	3270319	61
PTMC 1,5/54	3270391	65
PTMC 1,5/80-2	3270329	59
PTMC 1,5/80-2 /BU	3270330	59
PTMC 1,5/80-3	3270324	57
PTMC 1,5/80-3 /BU	3270326	57
PTMC 1,5/80-3 /BU 19Z	3270327	61
PTMC 1,5/80-3 19Z	3270325	61
PTME 4	3212139	99
PTME 6	3212170	108
PTME 6 HV	3035696	108
PTME 6 HV BU	3035695	108
PTME 6-BE	3035687	111
PTME 6-CT/1P	3212300	304
PTME 6-DIO/L-R HV	3035697	110
PTME 6-DIO/R-L HV	3035698	110
PTME 6/1P	3212306	303
PTMED 4	3212141	99
PTMED 4-PE	3212154	99
PTMED 6	3212183	108
PTMED 6-CT/1P	3212301	304
PTMED 6-CT/1P-PE	3212302	304
PTMED 6-PE	3212196	108
PTN 16/S	3214025	119
PTN 2,5	3213963	85
PTN 4	3213965	102
PTN 6	3213967	113
PTPOWER 150	3215000	131
PTPOWER 150 BU	3215001	131
PTPOWER 150 F	3215030	131
PTPOWER 150 F BU	3215031	131
PTPOWER 150 P	3215003	131
PTPOWER 150 P BU	3215004	131
PTPOWER 150-3L	3215005	131
PTPOWER 150-3L-F	3215033	131
PTPOWER 150-3L/FE	3215007	131
PTPOWER 150-3L/FE-F	3215035	131
PTPOWER 150-3L/N	3215006	131
PTPOWER 150-3L/N-F	3215034	131
PTPOWER 150-3L/N/FE	3215008	131
PTPOWER 150-3L/N/FE-F	3215036	131
PTPOWER 150-FE	3215002	131
PTPOWER 150-FE-F	3215032	131
PTPOWER 35	3212064	125
PTPOWER 35 BU	3212065	125
PTPOWER 35-3L	3212068	125
PTPOWER 35-3L-F	3212072	125
PTPOWER 35-3L/FE	3212070	125
PTPOWER 35-3L/FE-F	3212075	125
PTPOWER 35-3L/N	3212069	125
PTPOWER 35-3L/N-F	3212073	125
PTPOWER 35-3L/N/FE	3212071	125
PTPOWER 35-3L/N/FE-F	3212076	125
PTPOWER 35-F	3212078	125
PTPOWER 35-F BU	3212079	125
PTPOWER 35-FE	3212081	125
PTPOWER 35-FE-F	3212082	125
PTPOWER 35-PE	3212066	125
PTPOWER 50	3260050	127
PTPOWER 50 BU	3260051	127
PTPOWER 50 P	3260065	127
PTPOWER 50-3L	3260053	127
PTPOWER 50-3L-F	3260057	127
PTPOWER 50-3L/FE	3260055	127
PTPOWER 50-3L/FE-F	3260059	127
PTPOWER 50-3L/N	3260054	127
PTPOWER 50-3L/N-F	3260058	127
PTPOWER 50-3L/N/FE	3260056	127
PTPOWER 50-3L/N/FE-F	3260060	127
PTPOWER 50-F	3260061	127
PTPOWER 50-F BU	3260062	127
PTPOWER 50-FE	3260063	127
PTPOWER 50-FE-F	3260064	127
PTPOWER 50-PE	3260052	127
PTPOWER 95	3260100	129
PTPOWER 95 BU	3260103	129
PTPOWER 95 P	3260163	129
PTPOWER 95-3L	3260109	129
PTPOWER 95-3L-F	3260121	129
PTPOWER 95-3L/FE	3260115	129
PTPOWER 95-3L/FE-F	3260127	129
PTPOWER 95-3L/N	3260112	129
PTPOWER 95-3L/N-F	3260124	129
PTPOWER 95-3L/N/FE	3260118	129
PTPOWER 95-3L/N/FE-F	3260130	129
PTPOWER 95-F	3260133	129
PTPOWER 95-F BU	3260136	129
PTPOWER 95-FE	3260139	129
PTPOWER 95-FE-F	3260142	129
PTPOWER 95-PE	3260106	129
PTRE 6-2/10	3069855	601
PTRE 6-2/11	3069860	601
PTRE 6-2/12	3069861	601
PTRE 6-2/13	3069862	601
PTRE 6-2/14	3069863	601
PTRE 6-2/15	3069864	601
PTRE 6-2/16	3069865	601
PTRE 6-2/17	3069866	601
PTRE 6-2/18	3069867	601
PTRE 6-2/19	3069868	601
PTRE 6-2/20	3069869	601
PTRE 6-2/21	3069870	601
PTRE 6-2/22	3069871	601
PTRE 6-2/23	3069872	601
PTRE 6-2/24	3069873	601
PTRE 6-2/25	3069874	601
PTRE 6-2/4	3069849	601
PTRE 6-2/5	3069850	601
PTRE 6-2/6	3069851	601
PTRE 6-2/7	3069852	601
PTRE 6-2/8	3069853	601
PTRE 6-2/9	3069854	601
PTRE 6-2/A14	3069452	608

Type	Order No.	Page
PTRE 6-2/A7	3069449	608
PTRE 6-2/B14	3069453	608
PTRE 6-2/B19	3069455	608
PTRE 6-2/B7	3069450	608
PTRE 6-2/C14	3069454	608
PTRE 6-2/C19	3069456	608
PTRE 6-2/D19	3069457	608
PTRE 6-2/E7	3069451	608
PTRE 6-2/F19	3069458	608
PTRE 6-2/G19	3069459	608
PTRE 6-2/H19	3069460	608
PTRE 6-2/I19	3069461	608
PTRV 4 /COL-COL	3001875	52
PTRV 4 /COL-RD	3001754	52
PTRV 4 /COL-WH	3001871	52
PTRV 4 /RD	3270121	44
PTRV 4 /RD-COL	3001872	52
PTRV 4 /WH	3270115	44
PTRV 4 /WH-COL	3001874	52
PTRV 4 BU/BU	3270118	44
PTRV 4 BU/RD	3270120	44
PTRV 4 BU/WH	3270119	44
PTRV 4-FE /BKYE	3270131	45
PTRV 4-FE /YEBK	3270130	45
PTRV 4-PV /BK	3270125	45
PTRV 4-PV /BU	3270247	45
PTRV 4-PV /RD	3270246	45
PTRV 4-PV BU/BK	3270126	45
PTRV 8 /BU	3270233	48
PTRV 8 /COL-COL	3001879	52
PTRV 8 /COL-RDWH	3001851	52
PTRV 8 /COL-WHRD	3001876	52
PTRV 8 /GN	3270232	48
PTRV 8 /RD	3270231	48
PTRV 8 /RDWH	3270137	48
PTRV 8 /RDWH-COL	3001877	52
PTRV 8 /WHRD	3270133	48
PTRV 8 /WHRD-COL	3001878	52
PTRV 8 /VDE 0815	3270230	48
PTRV 8 BU/BU	3270136	48
PTRV 8 BU/RDWH	3270135	48
PTRV 8 BU/WHRD	3270134	48
PTRV 8-FE /BKYE	3270149	49
PTRV 8-FE /YEBK	3270148	49
PTRV 8-PV /BK	3270142	49
PTRV 8-PV /BU	3270249	49
PTRV 8-PV /RD	3270248	49
PTRV 8-PV BU/BK	3270145	49
PTRVB 4-FI /BK	3270158	46
PTRVB 4-FI /BU	3270221	46
PTRVB 4-FI /GY	3270138	46
PTRVB 4-FI /RD	3270220	46
PTRVB 4-PV /BK	3270157	46
PTRVB 4-PV /BU	3270223	46
PTRVB 4-PV /RD	3270222	46
PTRVB 8-FI /BK	3270160	50
PTRVB 8-FI /BU	3270225	50
PTRVB 8-FI /RD	3270224	50
PTRVB 8-PV /BK	3270159	50
PTRVB 8-PV /BU	3270227	50
PTRVB 8-PV /RD	3270226	50
PTS 1,5/S	3214547	42
PTS 1,5/S BU	3214550	42
PTS 1,5/S-PE	3214563	42
PTS 1,5/S-QUATTRO	3214615	42
PTS 1,5/S-QUATTRO BU	3214631	42
PTS 1,5/S-QUATTRO-PE	3214644	42
PTS 1,5/S-TWIN	3214589	42
PTS 1,5/S-TWIN BU	3214592	42
PTS 1,5/S-TWIN-PE	3214602	42
PTS 1,5/S-TWIN/1P	3214709	281
PTS 1,5/S-TWIN/1P BU	3214712	281
PTS 1,5/S-TWIN/1P-PE	3214725	281
PTS 1,5/S/1P	3214453	281
PTS 1,5/S/1P BU	3214466	281
PTS 1,5/S/1P-PE	3214479	281
PTS 2,5	3211799	82
PTS 2,5 BU	3211812	82
PTS 2,5-PE	3211867	82
PTS 2,5-QUATTRO	3211993	83
PTS 2,5-QUATTRO BU	3212002	83
PTS 2,5-QUATTRO-PE	3212011	83
PTS 2,5-TWIN	3211896	82
PTS 2,5-TWIN BU	3211906	82
PTS 2,5-TWIN-PE	3211935	82
PTS 4	3213601	101
PTS 4 BU	3213602	101
PTS 4-PE	3213603	101
PTS 4-QUATTRO	3213607	101
PTS 4-QUATTRO BU	3213608	101
PTS 4-QUATTRO-PE	3213609	101
PTS 4-TWIN	3213604	101
PTS 4-TWIN BU	3213605	101
PTS 4-TWIN-PE	3213606	101
PTT 1,5/S-2L	3210356	41
PTT 1,5/S-2L BU	3210357	41
PTT 1,5/S-2MT	3210351	41
PTT 1,5/S-2MT BU	3210352	41
PTT 1,5/S-L/MT	3210341	41
PTT 1,5/S-L/MT BU	3210342	41
PTT 2,5-2L	3210267	75
PTT 2,5-2L BU	3210268	75
PTT 2,5-2MT	3210258	78
PTT 2,5-2MT BU	3210265	78
PTT 2,5-L/MT	3210251	78
PTT 2,5-L/MT BU	3210257	78
PTT 2,5-L/TG	3210230	75
PTT 2,5-L/TG BU	3210270	75
PTTB 1,5/S	3208511	37
PTTB 1,5/S BU	3208524	37
PTTB 1,5/S-L/N	3208544	38
PTTB 1,5/S-PE	3208537	37
PTTB 1,5/S-PE/L	3208553	38
PTTB 1,5/S-PE/N	3208566	38
PTTB 1,5/S-PV	3208540	37
PTTB 1,5/S/2P	3212439	279
PTTB 1,5/S/2P BU	3212442	279
PTTB 1,5/S/2P-PE	3212455	279
PTTB 1,5/S/2P-PV	3212468	279
PTTB 1,5/S/4P	3213865	280
PTTB 1,5/S/4P BU	3213878	280
PTTB 1,5/S/4P-PE	3213881	280
PTTB 1,5/S/4P-PV	3213852	280
PTTB 2,5	3210567	70
PTTB 2,5 BU	3210570	70
PTTB 2,5-2BE	3211480	81
PTTB 2,5-2DIO/O-UL/O-UR	3211443	80
PTTB 2,5-2DIO/O-UL/UR-UL	3211430	80
PTTB 2,5-2DIO/OL-U/OR-U	3211447	80
PTTB 2,5-2DIO/U-OL/U-OR	3211445	80
PTTB 2,5-2DIO/UR-O/UR-UL	3211433	80
PTTB 2,5-DIO/O-U	3210923	79
PTTB 2,5-DIO/U-O	3210936	79
PTTB 2,5-DIO/UL-UR	3211427	79
PTTB 2,5-ILA 100	3215042	81
PTTB 2,5-L/N	3210994	70
PTTB 2,5-LA 230	3211472	80
PTTB 2,5-LA 24 RD	3211456	80
PTTB 2,5-LA 60 RD	3211469	80
PTTB 2,5-PE	3210596	70
PTTB 2,5-PE/L	3210978	70
PTTB 2,5-PE/N	3210981	70
PTTB 2,5-PV	3210583	70
PTTB 2,5-R499/O-U	3210925	80
PTTB 2,5/2P	3210871	288
PTTB 2,5/2P BU	3210884	288
PTTB 2,5/2P-PE	3210897	288
PTTB 2,5/2P-PV	3210907	288
PTTB 4	3211786	93
PTTB 4 BU	3211793	93
PTTB 4-HESI (5X20)	3211886	95
PTTB 4-HESI-EX (5X20)	3211895	95
PTTB 4-HESILED 24 (5X20)	3211888	95
PTTB 4-HESILED 24-EX (5X20)	3211897	95
PTTB 4-HESILED 250 (5X20)	3211892	95
PTTB 4-HESILED 250-EX (5X20)	3211901	95
PTTB 4-HESILED 60 (5X20)	3211890	95
PTTB 4-HESILED 60-EX (5X20)	3211899	95
PTTB 4-L 1000V	3062744	94
PTTB 4-MT	3211913	97
PTTB 4-MT BU	3211915	97
PTTB 4-PE	3211854	93
PTTB 4-PV	3211825	93
PTTB 4-TG	3211909	97
PTTB 4-TG BU	3211911	97
PTTBS 1,5/S	3214657	42
PTTBS 1,5/S BU	3214660	42
PTTBS 1,5/S WH/U-BK/O-RD	3214662	38
PTTBS 1,5/S WH/U-YE/O-WH	3214661	38
PTTBS 1,5/S-KNX	3214663	38
PTTBS 1,5/S-PE	3214673	42
PTTBS 1,5/S-PV	3214686	42
PTTBS 1,5/S/2P	3214495	281
PTTBS 1,5/S/2P BU	3214505	281
PTTBS 1,5/S/2P-PE	3214518	281
PTTBS 1,5/S/2P-PV	3214521	281
PTTBS 2,5	3209604	83
PTTBS 2,5 BU	3209617	83
PTTBS 2,5-2MTB	3210400	78
PTTBS 2,5-2MTB BU	3210401	78
PTTBS 2,5-2TGB	3210402	75
PTTBS 2,5-PE	3209620	83
PTTBS 2,5-PV	3210211	83
PTTBS 2,5-QUATTRO	3210609	70
PTTBS 2,5-QUATTRO BU	3210610	70
PTTBS 2,5-QUATTRO-PE	3210611	70
PTTBS 2,5-QUATTRO-PV	3210612	70
PTTBS 2,5-TWIN	3210600	70
PTTBS 2,5-TWIN BU	3210601	70
PTTBS 2,5-TWIN-PE	3210602	70
PTTBS 2,5-TWIN-PV	3210603	70
PTTBS 2,5-TWIN/2P	3210604	288
PTTBS 2,5-TWIN/2P BU	3210605	288
PTTBS 2,5-TWIN/2P-PE	3210606	288
PTTBS 2,5-TWIN/2P-PV	3210607	288
PTTBS 2,5/2P	3211260	288
PTTBS 2,5/2P BU	3211261	288
PTTBS 2,5/2P-PE	3211263	288
PTTBS 2,5/2P-PV	3211262	288
PTTBS 4	3211832	101
PTTBS 4 BU	3211838	101
PTTBS 4-PE	3211841	101
PTTBS 4-PV	3211848	101
PTU 2,5	3209519	82
PTU 2,5 BU	3209520	82
PTU 2,5-PE	3209521	82
PTU 2,5-TWIN	3209515	82
PTU 2,5-TWIN BU	3209516	82
PTU 2,5-TWIN-PE	3209517	82
PTU 35/4X6/6X2,5	3214080	120
PTU 35/4X6/6X2,5 BU	3214081	121
PTU 35/4X6/6X2,5-FE	3214082	121
PTU 4	3211855	100
PTU 4 BU	3211856	100
PTU 4-MT	3209538	100
PTU 4-MT-P	3209532	100
PTU 4-MTD	3209539	100
PTU 4-MTD-P	3209540	100
PTU 4-PE	3211857	100
PTU 4-TG	3209542	100
PTU 4-TG-P	3209541	100
PTU 4-TWIN	3211859	100
PTU 4-TWIN BU	3211860	100
PTU 4-TWIN-PE	3211862	100
PTU 6-T	3209535	109
PTU 6-T-P	3209530	109
PTUD 6	3209531	109
PTUD 6-P	3209537	109
PTWE 6-2/10	3069833	600
PTWE 6-2/11	3069834	600
PTWE 6-2/12	3069835	600
PTWE 6-2/13	3069836	600
PTWE 6-2/14	3069837	600
PTWE 6-2/15	3069838	600
PTWE 6-2/16	3069839	600
PTWE 6-2/17	3069840	600
PTWE 6-2/18	3069841	600
PTWE 6-2/19	3069842	600
PTWE 6-2/20	3069843	600
PTWE 6-2/21	3069844	600
PTWE 6-2/22	3069845	600
PTWE 6-2/23	3069846	600
PTWE 6-2/24	3069847	600
PTWE 6-2/25	3069848	600
PTWE 6-2/4	3069827	600
PTWE 6-2/5	3069828	600
PTWE 6-2/6	3069829	600
PTWE 6-2/7	3069830	600
PTWE 6-2/8	3069831	600
PTWE 6-2/9	3069832	600
PTWE 6-2/A14	3069439	608
PTWE 6-2/A7	3069436	608
PTWE 6-2/B14	3069440	608
PTWE 6-2/B19	3069442	608
PTWE 6-2/B7	3069437	608
PTWE 6-2/C14	3069441	608
PTWE 6-2/C19	3069443	608
PTWE 6-2/D19	3069444	608
PTWE 6-2/E7	3069438	608
PTWE 6-2/F19	3069445	608
PTWE 6-2/G19	3069446	608
PTWE 6-2/H19	3069447	608
PTWE 6-2/I19	3069448	608
PVB 2	0870023	500
PVB 3	0870036	500
PVB 5	0870052	500
PVB10	0870120	500
PZ 1,5/S/2	3212918	362
PZ/2	3040627	362
PZ/4	3040643	362

Q

Type	Order No.	Page
QP 1,5/ 1	3051108	336
QP 1,5/ 1 BU	3051250	336
QP 1,5/ 1 GNYE	3051263	336
QP 1,5/ 1-L	3051014	337
QP 1,5/ 1-L BU	3051027	337
QP 1,5/ 1-L GNYE	3051030	337
QP 1,5/ 1-M	3051043	337
QP 1,5/ 1-M BU	3051056	337
QP 1,5/ 1-M GNYE	3051069	337
QP 1,5/ 1-R	3051072	337
QP 1,5/ 1-R BU	3051085	337
QP 1,5/ 1-R GNYE	3051098	337
QP 1,5/ 2	3051111	336
QP 1,5/ 3	3051124	336
QP 1,5/ 4	3051137	336
QP 1,5/ 5	3051140	336
QP 1,5/ 6	3051153	336
QP 1,5/ 7	3051166	336
QP 1,5/ 8	3051179	336
QP 1,5/ 9	3051182	336
QP 1,5/10	3051195	336
QP 1,5/11	3051205	336
QP 1,5/12	3051218	336
QP 1,5/13	3051221	336
QP 1,5/14	3051234	336
QP 1,5/15	3051247	336
QTC 1,5	3205019	203
QTC 1,5 BU	3205022	203
QTC 1,5-MT	3205103	205
QTC 1,5-PE	3205035	203
QTC 1,5-QUATTRO	3205077	203
QTC 1,5-QUATTRO BU	3205080	203
QTC 1,5-QUATTRO-PE	3205093	203
QTC 1,5-TG	3205145	204
QTC 1,5-TWIN	3205048	203
QTC 1,5-TWIN BU	3205051	203
QTC 1,5-TWIN-MT	3050407	205
QTC 1,5-TWIN-PE	3205064	203
QTC 1,5-TWIN-TG	3050413	204
QTC 1,5/ 1P	3050073	335
QTC 1,5/ 1P BU	3050086	335
QTC 1,5/ 1P-PE	3050099	335
QTC 1,5/1P-F	3061211	371
QTC 2,5	3206416	209

Type	Order No.	Page
QTC 2,5 BU	3206429	209
QTC 2,5 HESILED 60 (5X20)	3050390	210
QTC 2,5-HEDI	3206678	210
QTC 2,5-HESI (5X20)	3050293	210
QTC 2,5-HESILA 250 (5X20)	3050387	210
QTC 2,5-HESILED 24 (5X20)	3050374	210
QTC 2,5-MT	3206487	209
QTC 2,5-PE	3206432	209
QTC 2,5-QUATTRO	3206446	209
QTC 2,5-QUATTRO BU	3206447	209
QTC 2,5-QUATTRO-PE	3206448	209
QTC 2,5-TG	3206490	209
QTC 2,5-TWIN	3206445	209
QTC 2,5-TWIN BU	3206461	209
QTC 2,5-TWIN-PE	3206474	209
QTCS 1,5	3050138	207
QTCS 1,5 BU	3050141	207
QTCS 1,5-PE	3050154	207
QTCS 1,5-TWIN	3206348	207
QTCS 1,5-TWIN BU	3206351	207
QTCS 1,5-TWIN-PE	3206364	207
QTCS 2,5	3206500	211
QTCS 2,5 BU	3206513	211
QTCS 2,5-PE	3206526	211
QTCS 2,5-TWIN	3050332	211
QTCS 2,5-TWIN BU	3050345	211
QTCS 2,5-TWIN-PE	3050358	211
QTCU 1,5	3050015	206
QTCU 1,5 BU	3050028	206
QTCU 1,5-PE	3050031	206
QTCU 1,5-TWIN	3050044	206
QTCU 1,5-TWIN BU	3050057	206
QTCU 1,5-TWIN-PE	3050060	206
QTCU 2,5	3206539	210
QTCU 2,5 BU	3206542	210
QTCU 2,5-PE	3206555	210
QTCU 2,5-TWIN	3050303	210
QTCU 2,5-TWIN BU	3050316	210
QTCU 2,5-TWIN-MT	3050304	211
QTCU 2,5-TWIN-MT BU	3050317	211
QTCU 2,5-TWIN-PE	3050329	210
QTTCB 1,5	3205116	204
QTTCB 1,5 BU	3205129	204
QTTCB 1,5-DIO/O-U	3206241	205
QTTCB 1,5-PE	3205132	204
QTTCB 1,5-PV	3205153	204
QTTCB 1,5/ 2P	3050196	335
QTTCB 1,5/ 2P BU	3050206	335
QTTCB 1,5/ 2P-F	3061185	371
QTTCB 1,5/ 2P-PE	3050219	335
QTTCB 1,5/ 2P-PV	3206377	335
QTTCBS 1,5	3050222	207
QTTCBS 1,5 BU	3050235	207
QTTCBS 1,5-PE	3050248	207
QTTCBS 1,5-PV	3206380	207
QTTCBU 1,5	3050264	206
QTTCBU 1,5 BU	3050280	206
QTTCBU 1,5-PE	3050277	206
QTTCBU 1,5-PV	3050361	206

R

RBO 10	3244614	543
RBO 10 BU	3244616	543
RBO 10-3L	3076219	543
RBO 10-3L-HC	3076057	545
RBO 10-3L/FE	3076137	543
RBO 10-3L/FE-HC	3076138	545
RBO 10-3L/N	3076251	543
RBO 10-3L/N-HC	3076099	545
RBO 10-3L/N/FE	3076293	543
RBO 10-3L/N/FE-HC	3076170	545
RBO 10-FE	3244615	543
RBO 10-FE-HC	3247978	545
RBO 10-HC	3247976	545
RBO 10-HC BU	3247977	545
RBO 10-VS 2	3244643	543
RBO 10-VS 3	3244656	543
RBO 12	3244627	543
RBO 12 BU	3244629	543
RBO 12-3L	3076222	543
RBO 12-3L-HC	3076060	545
RBO 12-3L/FE	3076140	543
RBO 12-3L/FE-HC	3076141	545
RBO 12-3L/N	3076264	543
RBO 12-3L/N-HC	3076109	545
RBO 12-3L/N/FE	3076303	543
RBO 12-3L/N/FE-HC	3076183	545
RBO 12-FE	3244628	543
RBO 12-FE-HC	3247988	545
RBO 12-HC	3247986	545
RBO 12-HC BU	3247987	545
RBO 12-VS 2	3244669	543
RBO 12-VS 3	3244672	543
RBO 16	3244630	543
RBO 16 BU	3244632	543
RBO 16-3L	3076235	543
RBO 16-3L-HC	3076073	545
RBO 16-3L/FE	3076153	543
RBO 16-3L/FE-HC	3076154	545
RBO 16-3L/N	3076277	543
RBO 16-3L/N-HC	3076112	545
RBO 16-3L/N/FE	3076316	543
RBO 16-3L/N/FE-HC	3076196	545
RBO 16-FE	3244631	543
RBO 16-FE-HC	3247991	545
RBO 16-HC	3247989	545
RBO 16-HC BU	3247990	545
RBO 16-VS 2	3244685	543
RBO 16-VS 3	3244698	543
RBO 5	3058059	539
RBO 5-F	3058062	539
RBO 5-F/12	3059252	539
RBO 5-F/4	3058237	539
RBO 5-F/6	3058240	539
RBO 5-F/8	3058253	539
RBO 5-T	3058114	540
RBO 5-T-F	3058169	540
RBO 6	3075896	541
RBO 6-F	3075935	541
RBO 8	3213137	542
RBO 8 BU	3213136	542
RBO 8-3L	3076206	542
RBO 8-3L-HC	3076044	544
RBO 8-3L/FE	3076124	542
RBO 8-3L/FE-HC	3076125	544
RBO 8-3L/N	3076248	542
RBO 8-3L/N-HC	3076086	544
RBO 8-3L/N/FE	3076280	542
RBO 8-3L/N/FE-HC	3076167	544
RBO 8-FE	3213139	542
RBO 8-FE-HC	3247975	544
RBO 8-HC	3247973	544
RBO 8-HC BU	3247974	544
RBO 8-VS 2	3213179	542
RBO 8-VS 3	3213182	542
RS	2775126	495
RSC 4	3058127	546
RSC 4-F	3058130	547
RSC 4-F/12	3059207	547
RSC 4-F/4	3059171	547
RSC 4-F/6	3059184	547
RSC 4-F/8	3059197	547
RSC 5	3058143	547
RSC 5-F	3058156	547
RSC 5-F/12	3059249	547
RSC 5-F/4	3059210	547
RSC 5-F/6	3059223	547
RSC 5-F/8	3059236	547
RSC 5-T	3058172	549
RSC 5-T-F	3058334	549
RSC 6	3075870	548
RSC 6-F	3075919	549
RSCWE 6-3/10	3969926	614
RSCWE 6-3/11	3969915	614
RSCWE 6-3/12	3969927	614
RSCWE 6-3/13	3969916	614
RSCWE 6-3/14	3969928	614
RSCWE 6-3/2	3969917	614
RSCWE 6-3/3	3969918	614
RSCWE 6-3/3X10	3969929	614
RSCWE 6-3/4	3969920	614
RSCWE 6-3/5	3969921	614
RSCWE 6-3/6	3969922	614
RSCWE 6-3/7	3969923	614
RSCWE 6-3/8	3969924	614
RSCWE 6-3/9	3969925	614
RT 3	3049013	377
RT 3 BU	3049110	377
RT 3-PE	3049411	377
RT 4-T-P/P	3000565	381
RT 5	3049026	379
RT 5 BU	3049123	379
RT 5-PE	3049424	379
RT 5-T	3049039	380
RT 8	3049042	383
RT 8 BU	3049148	383
RTO 3	3049518	377
RTO 3 BU	3049660	377
RTO 3-PE	3049615	377
RTO 3-PE-TC	3049958	377
RTO 3-TC	3049945	377
RTO 3-TC BU	3049835	377
RTO 4-T-TC	3000558	381
RTO 5	3049521	379
RTO 5 BU	3049767	379
RTO 5-PE	3049628	379
RTO 5-PE-TC	3049974	379
RTO 5-T	3049233	380
RTO 5-T-TC	3049990	380
RTO 5-TC	3049961	379
RTO 5-TC BU	3049851	379
RTO 8	3049343	383
RTO 8 BU	3049864	383
RTO 8-TC	3050002	383
RTO 8-TC BU	3049929	383

S

S	0308359	483
S 2 A/380 V	0913016	468
S 4 A/380 V	0913029	468
S 6 A/380 V	0913032	468
S 10 A/380 V	0913045	468
S 16 A/380 V	0913058	468
S 25 A/380 V	0913074	468
S 35 A/380 V	0913087	468
S 50 A/380 V	0913090	468
S 63 A/380 V	0913100	468
S-II- 2 A/500 V	0913605	469
S-II- 4 A/500 V	0913618	469
S-II- 6 A/500 V	0913621	469
S-II-10 A/500 V	0913634	469
S-II-16 A/500 V	0913647	469
S-II-20 A/500 V	0913650	469
S-II-25 A/500 V	0913663	469
S-ME 4	3035758	99
S-ME 6	3034439	108
S-MT	3247954	409
S-OTTA 6-T	0311199	536
S-URTK/SP	0311155	186
SB 2-8-T	3026366	186
SB 3-8-T	3026492	186
SB 4-8-T	3026379	186
SB 10-8-T	3026382	186
SB 10-8-T SO	3026395	186
SB 2- 8/13	0202235	528
SB 2- 8/13 N	0200062	422
SB 2-RTK/S	0311236	483
SB 2-URTK/SP	0360012	489
SB 4-RTK/S	0311265	483
SB 4-URTK/SP	0360025	489
SB 6-T 2-8	3075842	246
SB 6-T 3-8	3075843	246
SB 6-T 4-8	3075844	246
SB-ME 2-6	3035755	99
SB-ME 2-8	3034468	108
SB-ME 3-6	3035756	99
SB-ME 3-8	3032800	108
SB-ME 4-6	3035757	99
SB-ME 4-8	3034484	108
SB-MER 2-8	3000587	401
SB-MER 3-8	3000588	401
SB-MER 4-8	3000589	401
SBH 2-15	0205232	505
SBP-TB 6-T 2-8	3070321	484
SBP-TB 6-T 3-8	3070322	484
SBP-TB 6-T 4-8	3070323	484
SC 2,5-NS/ 1-L	3042340	318
SC 2,5-RZ/ 1-L	3042214	316
SC 2,5-RZ/ 1-L BU	3042227	316
SC 2,5-RZ/ 1-L GNYE	3042230	316
SC 2,5-RZ/ 2	3041516	316
SC 2,5-RZ/ 3	3041529	316
SC 2,5-RZ/ 4	3041532	316
SC 2,5-RZ/ 5	3041545	316
SC 2,5-RZ/ 6	3041558	316
SC 2,5-RZ/ 7	3041561	316
SC 2,5-RZ/ 8	3041574	316
SC 2,5-RZ/ 9	3041590	316
SC 2,5-RZ/10	3041587	316
SC 2,5-RZ/11	3041600	316
SC 2,5-RZ/12	3041613	316
SC 2,5-RZ/13	3041626	316
SC 2,5-RZ/14	3041639	316
SC 2,5-RZ/15	3041642	316
SC 2,5/ 1-L	3042188	315
SC 2,5/ 1-L BU	3042191	315
SC 2,5/ 1-L GNYE	3042201	315
SC 2,5/ 2	3041312	315
SC 2,5/ 3	3042269	315
SC 2,5/ 4	3042272	315
SC 2,5/ 5	3042285	315
SC 2,5/ 6	3042298	315
SC 2,5/ 7	3041367	315
SC 2,5/ 8	3042308	315
SC 2,5/ 9	3041383	315
SC 2,5/10	3042311	315
SC 2,5/11	3041406	315
SC 2,5/12	3042324	315
SC 2,5/13	3041422	315
SC 2,5/14	3041435	315
SC 2,5/15	3041448	315
SC 4-NS/ 1-L	3043404	331
SC 4-RZ/ 1-L	3043378	330
SC 4-RZ/ 1-L BU	3043381	330
SC 4-RZ/ 1-L GNYE	3043394	330
SC 4-RZ/ 2	3042625	330
SC 4-RZ/ 3	3042638	330
SC 4-RZ/ 4	3042641	330
SC 4-RZ/ 5	3042654	330
SC 4-RZ/ 6	3042667	330
SC 4-RZ/ 7	3042670	330
SC 4-RZ/ 8	3042683	330
SC 4-RZ/ 9	3042696	330
SC 4-RZ/10	3042706	330
SC 4-RZ/11	3043323	330
SC 4-RZ/12	3043336	330
SC 4-RZ/13	3043349	330
SC 4-RZ/14	3043352	330
SC 4-RZ/15	3043365	330
SC 4/ 1-L	3042599	329
SC 4/ 1-L BU	3042609	329
SC 4/ 1-L GNYE	3042612	329
SC 4/ 2	3042450	329
SC 4/ 3	3042463	329
SC 4/ 4	3042476	329
SC 4/ 5	3042489	329
SC 4/ 6	3042492	329
SC 4/ 7	3042502	329
SC 4/ 8	3042515	329
SC 4/ 9	3042528	329
SC 4/10	3042531	329
SC 4/11	3042544	329
SC 4/12	3042557	329

Alphabetical

Type	Order No.	Page
SC 4/13	3042560	329
SC 4/14	3042573	329
SC 4/15	3042586	329
SCBI 10-8,15	3245134	109
SCBI 10-8,15 ISO	3000417	109
SF-PH 2-100	1212560	386
SF-PH 2-100 S-VDE	1212694	386
SF-PZSL 1-80 S-VDE	1212699	562
SF-PZSL 2-100 S-VDE	1212700	563
SF-SL 0,6X3,5-100 S-VDE	1212587	218
SF-SL 0,8X4,0-100	1212551	381
SF-SL 0,8X4,0-100 S-VDE	1212588	484
SGSK 6	3029965	186
SH-SE 14/18	0913317	468
SHN 13	1209923	382
SHN 5.5	1209855	376
SHN 8	1209868	378
SK 5	3025338	574
SK 5-D	3025406	574
SK 8	3025163	574
SK 8-D	3026861	574
SK 14	3025176	574
SK 14-D	3026874	574
SK 20	3025189	574
SK 20-D	3026887	574
SK 28	3026997	574
SK 28-D	3027006	574
SK 35	3026463	574
SK 35-D	3026890	574
SKS 14	3240211	575
SKS 14-D	3240214	575
SKS 14-NS35	3240217	575
SKS 14-SNS35	3062799	575
SKS 20	3240212	575
SKS 20-D	3240215	575
SKS 20-NS35	3240218	575
SKS 20-SNS35	3062809	575
SKS 8	3240210	575
SKS 8-D	3240213	575
SKS 8-NS35	3240216	575
SKS 8-SNS35	3062786	575
SLKK 5	0461018	450
SLKK 5-LA 24 RD/U-O	0461021	450
SLKK 5-LA 60 RD/U-O	0461034	450
SLKK 5-LA230	0461047	450
SP 2,5/ 1	3040258	320
SP 2,5/ 1 BU	3040698	320
SP 2,5/ 1 GNYE	3040708	320
SP 2,5/ 1-L	3043019	320
SP 2,5/ 1-L BU	3043022	320
SP 2,5/ 1-L GNYE	3043035	320
SP 2,5/ 1-M	3043043	320
SP 2,5/ 1-M BU	3043051	320
SP 2,5/ 1-M GNYE	3043064	320
SP 2,5/ 1-R	3043077	320
SP 2,5/ 1-R BU	3043080	320
SP 2,5/ 1-R GNYE	3043093	320
SP 2,5/ 2	3040261	320
SP 2,5/ 3	3040274	320
SP 2,5/ 4	3040287	320
SP 2,5/ 5	3040290	320
SP 2,5/ 6	3040300	320
SP 2,5/ 7	3040313	320
SP 2,5/ 8	3040326	320
SP 2,5/ 9	3040339	320
SP 2,5/10	3040342	320
SP 2,5/11	3040355	320
SP 2,5/12	3040368	320
SP 2,5/13	3040371	320
SP 2,5/14	3040384	320
SP 2,5/15	3040397	320
SP 4/ 1	3042887	333
SP 4/ 1-L	3042751	333
SP 4/ 1-L BU	3042764	333
SP 4/ 1-L GNYE	3042777	333
SP 4/ 1-M	3042780	333
SP 4/ 1-M BU	3042793	333
SP 4/ 1-M GNYE	3042803	333
SP 4/ 1-R	3042816	333
SP 4/ 1-R BU	3042829	333
SP 4/ 1-R GNYE	3042832	333
SP 4/ 2	3042890	333
SP 4/ 3	3042900	333
SP 4/ 4	3042926	333
SP 4/ 5	3042939	333
SP 4/ 6	3042942	333
SP 4/ 7	3042955	333
SP 4/ 8	3042968	333
SP 4/ 9	3042971	333
SP 4/1 BU	3061033	333
SP 4/1 GNYE	3061046	333
SP 4/10	3042984	333
SP 4/11	3042997	333
SP 4/12	3043006	333
SP 4/13	3043718	333
SP 4/14	3043721	333
SP 4/15	3043734	333
SP-H 2,5/ 1	3210619	321
SP-H 2,5/ 1 BU	3210761	321
SP-H 2,5/ 1 GNYE	3210774	321
SP-H 2,5/ 1-L	3210787	321
SP-H 2,5/ 1-L BU	3210790	321
SP-H 2,5/ 1-L GNYE	3210800	321
SP-H 2,5/ 1-M	3210813	321
SP-H 2,5/ 1-M BU	3210826	321
SP-H 2,5/ 1-M GNYE	3210839	321
SP-H 2,5/ 1-R	3210842	321
SP-H 2,5/ 1-R BU	3210855	321
SP-H 2,5/ 1-R GNYE	3210868	321
SP-H 2,5/ 2	3210622	321
SP-H 2,5/ 3	3210635	321
SP-H 2,5/ 4	3210648	321
SP-H 2,5/ 5	3210651	321
SP-H 2,5/ 6	3210664	321
SP-H 2,5/ 7	3210677	321
SP-H 2,5/ 8	3210680	321
SP-H 2,5/ 9	3210693	321
SP-H 2,5/10	3210703	321
SP-H 2,5/11	3210716	321
SP-H 2,5/12	3210729	321
SP-H 2,5/13	3210732	321
SP-H 2,5/14	3210745	321
SP-H 2,5/15	3210758	321
SPB 2,5/ 1	3040106	323
SPB 2,5/ 1 BU	3040724	323
SPB 2,5/ 1 GNYE	3040711	323
SPB 2,5/ 1-L	3043103	323
SPB 2,5/ 1-L BU	3043116	323
SPB 2,5/ 1-L GNYE	3043129	323
SPB 2,5/ 1-M	3043132	323
SPB 2,5/ 1-M BU	3043145	323
SPB 2,5/ 1-M GNYE	3043158	323
SPB 2,5/ 1-R	3043161	323
SPB 2,5/ 1-R BU	3043174	323
SPB 2,5/ 1-R GNYE	3043187	323
SPB 2,5/ 2	3040119	323
SPB 2,5/ 3	3040122	323
SPB 2,5/ 4	3040135	323
SPB 2,5/ 5	3040143	323
SPB 2,5/ 6	3040151	323
SPB 2,5/ 7	3040164	323
SPB 2,5/ 8	3040177	323
SPB 2,5/ 9	3040180	323
SPB 2,5/10	3040193	323
SPB 2,5/11	3040203	323
SPB 2,5/12	3040216	323
SPB 2,5/13	3040229	323
SPB 2,5/14	3040232	323
SPB 2,5/15	3040245	323
SPDB 2,5/ 1	3040407	324
SPDB 2,5/ 1 BU	3040737	324
SPDB 2,5/ 1 GNYE	3040740	324
SPDB 2,5/ 1-L	3043190	324
SPDB 2,5/ 1-L BU	3043200	324
SPDB 2,5/ 1-L GNYE	3043213	324
SPDB 2,5/ 1-M	3043226	324
SPDB 2,5/ 1-M BU	3043239	324
SPDB 2,5/ 1-M GNYE	3043242	324
SPDB 2,5/ 1-R	3043255	324
SPDB 2,5/ 1-R BU	3043268	324
SPDB 2,5/ 1-R GNYE	3043271	324
SPDB 2,5/ 2	3040410	324
SPDB 2,5/ 3	3040423	324
SPDB 2,5/ 4	3040436	324
SPDB 2,5/ 5	3040449	324
SPDB 2,5/ 6	3040452	324
SPDB 2,5/ 7	3040465	324
SPDB 2,5/ 8	3040478	324
SPDB 2,5/ 9	3040481	324
SPDB 2,5/10	3040494	324
SPDB 2,5/11	3040504	324
SPDB 2,5/12	3040517	324
SPDB 2,5/13	3040520	324
SPDB 2,5/14	3040533	324
SPDB 2,5/15	3040546	324
SPV 2,5/ 1	3041710	322
SPV 2,5/ 1 BU	3061017	322
SPV 2,5/ 1 GNYE	3061020	322
SPV 2,5/ 1-L	3041024	322
SPV 2,5/ 1-L BU	3041037	322
SPV 2,5/ 1-L GNYE	3041040	322
SPV 2,5/ 1-M	3041053	322
SPV 2,5/ 1-M BU	3041066	322
SPV 2,5/ 1-M GNYE	3041079	322
SPV 2,5/ 1-R	3041082	322
SPV 2,5/ 1-R BU	3041095	322
SPV 2,5/ 1-R GNYE	3041105	322
SPV 2,5/ 2	3041723	322
SPV 2,5/ 3	3041736	322
SPV 2,5/ 4	3041749	322
SPV 2,5/ 5	3041752	322
SPV 2,5/ 6	3041765	322
SPV 2,5/ 7	3041778	322
SPV 2,5/ 8	3041781	322
SPV 2,5/ 9	3041794	322
SPV 2,5/10	3041804	322
SPV 2,5/11	3041817	322
SPV 2,5/12	3041820	322
SPV 2,5/13	3041833	322
SPV 2,5/14	3041846	322
SPV 2,5/15	3041859	322
SRDK 6	3029973	186
SRTK 6	3029952	186
SS-ZB WH	5031171	468
SS-ZB YE	5031650	468
SSK 0525 KER-EX	0501059	511
SSK 110 KER-EX	0502058	512
SSK 116 KER-EX	0503057	513
SSK 135 KER-EX	0505055	513
SSL 2,5	3043815	292
ST 1,5	3031076	153
ST 1,5 BU	3031089	153
ST 1,5-PE	3031513	153
ST 1,5-QUATTRO	3031186	153
ST 1,5-QUATTRO BU	3031199	153
ST 1,5-QUATTRO-PE	3031209	153
ST 1,5-QUATTRO-U	3038600	153
ST 1,5-TWIN	3031128	153
ST 1,5-TWIN BU	3031131	153
ST 1,5-TWIN-PE	3031144	153
ST 1,5/S-QUATTRO	3213124	154
ST 1-SI	0920326	460
ST 1-SILA 250	0920397	460
ST 1-SILED 24	0920384	460
ST 10	3036110	189
ST 10 BU	3036123	189
ST 10-PE	3036136	189
ST 10-TWIN	3035288	189
ST 10-TWIN BU	3035292	189
ST 10-TWIN-PE	3035302	189
ST 16	3036149	193
ST 16 BU	3036152	193
ST 16-PE	3036165	193
ST 16-TWIN	3035328	193
ST 16-TWIN BU	3035331	193
ST 16-TWIN-PE	3035344	193
ST 2,5	3031212	157
ST 2,5 BU	3031225	157
ST 2,5-3L	3036042	159
ST 2,5-3L BU	3038710	159
ST 2,5-3L-LA 24RD/O-M	3035580	159
ST 2,5-3PE	3036071	159
ST 2,5-3PV	3036068	159
ST 2,5-4L/1P	3041985	313
ST 2,5-4L/2P	3042007	313
ST 2,5-4L/2P-Z	3041998	313
ST 2,5-DIO/L-R	3036262	164
ST 2,5-DIO/R-L	3036518	164
ST 2,5-MT	3036343	163
ST 2,5-MT BU	3037818	163
ST 2,5-PCB/ 2-G-5,2	1980378	293
ST 2,5-PCB/ 3-G-5,2	1980381	293
ST 2,5-PCB/ 4-G-5,2	1980394	293
ST 2,5-PCB/ 5-G-5,2	1980404	293
ST 2,5-PCB/ 6-G-5,2	1980417	293
ST 2,5-PCB/ 7-G-5,2	1980420	293
ST 2,5-PCB/ 8-G-5,2	1980433	293
ST 2,5-PCB/ 9-G-5,2	1980446	293
ST 2,5-PCB/10-G-5,2	1980459	293
ST 2,5-PCB/11-G-5,2	1980462	293
ST 2,5-PCB/12-G-5,2	1980475	293
ST 2,5-PCBV/ 2-G-5,2	1980488	293
ST 2,5-PCBV/ 3-G-5,2	1980491	293
ST 2,5-PCBV/ 4-G-5,2	1980501	293
ST 2,5-PCBV/ 5-G-5,2	1980514	293
ST 2,5-PCBV/ 6-G-5,2	1980527	293
ST 2,5-PCBV/ 7-G-5,2	1980530	293
ST 2,5-PCBV/ 8-G-5,2	1980543	293
ST 2,5-PCBV/ 9-G-5,2	1980556	293
ST 2,5-PCBV/10-G-5,2	1980569	293
ST 2,5-PCBV/11-G-5,2	1980572	293
ST 2,5-PCBV/12-G-5,2	1980585	293
ST 2,5-PE	3031238	157
ST 2,5-PE/2PV	3038833	159
ST 2,5-PE/3L	3036055	159
ST 2,5-PE/3L/1P	3041969	313
ST 2,5-PE/L/L	3036097	159
ST 2,5-PE/L/N	3036084	159
ST 2,5-QUATTRO	3031306	157
ST 2,5-QUATTRO BU	3031319	157
ST 2,5-QUATTRO-DIO 1N 5408K/L-R	3002216	164
ST 2,5-QUATTRO-DIO 1N 5408K/R-L	3002214	164
ST 2,5-QUATTRO-DIO/L-R	3036233	164
ST 2,5-QUATTRO-DIO/R-L	3036534	164
ST 2,5-QUATTRO-MT	3036576	163
ST 2,5-QUATTRO-MT BU	3037834	163
ST 2,5-QUATTRO-PE	3031322	157
ST 2,5-QUATTRO-TG	3038451	162
ST 2,5-QUATTRO-U	3031636	157
ST 2,5-QUATTRO/2P	3040038	311
ST 2,5-QUATTRO/2P BU	3040669	311
ST 2,5-QUATTRO/2P-F	3209853	371
ST 2,5-QUATTRO/2P-FS	3061392	369
ST 2,5-QUATTRO/2P-PE	3040041	311
ST 2,5-QUATTRO/4P	3042159	289
ST 2,5-QUATTRO/4P BU	3042081	289
ST 2,5-QUATTRO/4P-F	3061208	371
ST 2,5-QUATTRO/4P-FS	3061402	369
ST 2,5-QUATTRO/4P-PE	3042162	289
ST 2,5-TG	3038435	162
ST 2,5-TWIN	3031241	157
ST 2,5-TWIN BU	3031254	157
ST 2,5-TWIN-DIO/L-R	3036246	164
ST 2,5-TWIN-DIO/R-L	3036521	164
ST 2,5-TWIN-MT	3036356	163
ST 2,5-TWIN-MT BU	3037821	163
ST 2,5-TWIN-MT/1P	3040766	312
ST 2,5-TWIN-PE	3031267	157
ST 2,5-TWIN-TG	3038448	162
ST 2,5-TWIN-TG/1P	3040847	312
ST 2,5-TWIN/ 1P	3042117	311
ST 2,5-TWIN/ 1P BU	3042104	311
ST 2,5-TWIN/ 1P-PE	3042120	311
ST 2,5-TWIN/1P-F	3209840	371
ST 2,5-TWIN/1P-FS	3061389	369
ST 2,5/ 1P	3040012	311
ST 2,5/ 1P BU	3040656	311
ST 2,5/ 1P-PE	3040025	311
ST 2,5/1P-F	3209837	371
ST 2,5/1P-FS	3061376	369

Type	Order No.	Page
ST 2,5/2P	3042133	289
ST 2,5/2P BU	3042094	289
ST 2,5/2P-F	3061198	371
ST 2,5/2P-FS	3061415	369
ST 2,5/2P-PE	3042146	289
ST 35	3036178	195
ST 35 BU	3036181	195
ST 35-PE	3036194	195
ST 4	3031364	175
ST 4 BU	3031377	175
ST 4-FSI/C	3036372	177
ST 4-FSI/C-LED 12	3036495	177
ST 4-FSI/C-LED 24	3036505	177
ST 4-HEDI	3035140	177
ST 4-HESI (5X20)	3036369	177
ST 4-HESI (6,3X32)	3036385	177
ST 4-HESILA 250 (5X20)	3036563	177
ST 4-HESILA 250 (6,3X32)	3038778	177
ST 4-HESILED 24 (5X20)	3036547	177
ST 4-HESILED 24 (6,3X32)	3038765	177
ST 4-HESILED 60 (5X20)	3036550	177
ST 4-MT	3038875	178
ST 4-PCB/ 2-G-6,2	1980598	300
ST 4-PCB/ 3-G-6,2	1980608	300
ST 4-PCB/ 4-G-6,2	1980611	300
ST 4-PCB/ 5-G-6,2	1980624	300
ST 4-PCB/ 6-G-6,2	1980637	300
ST 4-PCB/ 7-G-6,2	1980640	300
ST 4-PCB/ 8-G-6,2	1980653	300
ST 4-PCB/ 9-G-6,2	1980666	300
ST 4-PCB/10-G-6,2	1980679	300
ST 4-PCB/11-G-6,2	1980682	300
ST 4-PCB/12-G-6,2	1980695	300
ST 4-PCBV/ 2-G-6,2	1980705	300
ST 4-PCBV/ 3-G-6,2	1980718	300
ST 4-PCBV/ 4-G-6,2	1980721	300
ST 4-PCBV/ 5-G-6,2	1980734	300
ST 4-PCBV/ 6-G-6,2	1980747	300
ST 4-PCBV/ 7-G-6,2	1980750	300
ST 4-PCBV/ 8-G-6,2	1980763	300
ST 4-PCBV/ 9-G-6,2	1980776	300
ST 4-PCBV/10-G-6,2	1980789	300
ST 4-PCBV/11-G-6,2	1980792	300
ST 4-PCBV/12-G-6,2	1980802	300
ST 4-PE	3031380	175
ST 4-PE/3L	3038338	176
ST 4-QUATTRO	3031445	175
ST 4-QUATTRO BU	3031458	175
ST 4-QUATTRO-DIO 1N 5408/L-R	3037782	178
ST 4-QUATTRO-DIO 1N 5408/R-L	3037795	178
ST 4-QUATTRO-PE	3031461	175
ST 4-QUATTRO-U	3038639	175
ST 4-QUATTRO/2P	3042845	327
ST 4-QUATTRO/2P BU	3042861	327
ST 4-QUATTRO/2P-PE	3042858	327
ST 4-QUATTRO/4CP	3042736	328
ST 4-TG	3038367	178
ST 4-TWIN	3031393	175
ST 4-TWIN BU	3031403	175
ST 4-TWIN-PE	3031416	175
ST 4/ 1P	3042719	327
ST 4/ 1P BU	3042874	327
ST 4/ 1P-PE	3042722	327
ST 4/ 2P	3042735	299
ST 4/ 2P BU	3043789	299
ST 4/ 2P-PE	3042748	299
ST 6	3031487	183
ST 6 BU	3031490	183
ST 6-PE	3031500	183
ST 6-TWIN	3036466	183
ST 6-TWIN BU	3036479	183
ST 6-TWIN-PE	3036482	183
ST-1N4007	2802329	472
ST-B250C1500	2802345	472
ST-BE	2802316	472
ST-BE-LA 24	2802374	472
ST-BE-LA230	2802387	472
ST-BE-VP	2802332	472
ST-K 4	5025462	472
ST-SI	0920229	460
ST-SI-UK 4	0921011	472
ST-SILA250	0920287	460
ST-SILA250-UK 4	0921053	472
ST-SILED 12-UK 4	0921024	472
ST-SILED 24	0920452	460
ST-SILED 24-UK 4	0921037	472
ST-SILED 60-UK 4	0921040	472
ST-T	0920216	460
STG-MTN 0,5-1,0	3190438	290
STG-MTN 1,5-2,5	3190506	290
STIO 2,5/3-2B/L	3209015	160
STIO 2,5/3-2B/L-LA24GN/O-M	3209031	160
STIO 2,5/3-2B/L-LA24RD/O-M	3209028	160
STIO 2,5/3-PE/B/L	3209044	160
STIO 2,5/3-PE/B/L-LA24GN/O-M	3209141	160
STIO 2,5/3-PE/B/L-LA24RD/O-M	3209138	160
STIO 2,5/4-3B/L	3209057	161
STIO 2,5/4-3B/L-LA24GN/O-M	3209167	161
STIO 2,5/4-3B/L-LA24RD/O-M	3209154	161
STIO 2,5/4-PE/2B/L	3209060	161
STIO 2,5/4-PE/2B/L-LA24GN/O-M	3209183	161
STIO 2,5/4-PE/2B/L-LA24RD/O-M	3209170	161
STIO-IN 2,5/3 OG	3209196	160
STIO-IN 2,5/3-PE OG	3209086	160
STIO-IN 2,5/4 OG	3209206	161
STIO-IN 2,5/4-PE OG	3209109	161
STME 6	3035700	184
STME 6 HV	3035693	183
STME 6 HV BU	3035694	183
STME 6-BE	3035688	185
STME 6-DIO/L-R HV	3035691	185
STME 6-DIO/R-L HV	3035692	185
STMED 6	3035713	184
STMED 6-PE	3035726	184
STN 35	3038299	195
STP 3,5-2	0830131	412
STP 3,5-3	0830132	412
STP 4-2	0810575	412
STP 4-2-ZB	3038613	412
STP 5-2	0800967	412
STP 5-2-ZB	3037643	412
STP 5-2/S	0800970	412
STP 5-3	0810562	412
STS 2,5	3036398	167
STS 2,5 BU	3036408	167
STS 2,5-MT	3036990	168
STS 2,5-MT BU	3035425	168
STS 2,5-PE	3036411	167
STS 2,5-QUATTRO	3031746	167
STS 2,5-QUATTRO BU	3036288	167
STS 2,5-QUATTRO-PE	3031759	167
STS 2,5-TG	3037009	168
STS 2,5-TWIN	3031720	167
STS 2,5-TWIN BU	3036275	167
STS 2,5-TWIN-PE	3031733	167
STS 4	3036424	179
STS 4 BU	3036437	179
STS 4-PE	3036440	179
STS 4-QUATTRO	3031681	180
STS 4-QUATTRO BU	3036301	180
STS 4-QUATTRO-PE	3031694	180
STS 4-TWIN	3031665	179
STS 4-TWIN BU	3036291	179
STS 4-TWIN-PE	3031678	179
STS 4-TWIN/L	3036592	180
STS 4-TWIN/L BU	3036589	180
STS 6	3038121	185
STS 6 BU	3038134	185
STS 6-PE	3038147	185
STS 6-TWIN	3038150	185
STS 6-TWIN BU	3038163	185
STS 6-TWIN-PE	3038176	185
STTB 1,5	3031157	154
STTB 1,5 BU	3031160	154
STTB 1,5-PE	3036013	154
STTB 1,5-PV	3031526	154
STTB 2,5	3031270	158
STTB 2,5 BU	3031283	158
STTB 2,5-2DIO/O-UL/O-UR	3031597	165
STTB 2,5-2DIO/O-UL/UR-UL	3031584	165
STTB 2,5-DIO/O-U	3031555	165
STTB 2,5-DIO/U-O	3031563	165
STTB 2,5-DIO/UL-UR	3031571	165
STTB 2,5-L/N	3036330	158
STTB 2,5-LA 24 RD	3031607	165
STTB 2,5-LA 60 RD	3031610	165
STTB 2,5-LA230	3031623	165
STTB 2,5-PE	3036026	158
STTB 2,5-PE/L	3036314	158
STTB 2,5-PE/N	3036327	158
STTB 2,5-PT100 MD	3035564	166
STTB 2,5-PV	3031539	158
STTB 2,5-PV BU	3035108	158
STTB 2,5-TWIN	3038516	158
STTB 2,5-TWIN BU	3038529	158
STTB 2,5-TWIN-PE	3038532	158
STTB 2,5-TWIN-PV	3038545	158
STTB 2,5/2P	3040054	311
STTB 2,5/2P BU	3040672	311
STTB 2,5/2P BU SO	3040902	312
STTB 2,5/2P SO	3040892	312
STTB 2,5/2P-F	3061169	371
STTB 2,5/2P-FS	3061428	369
STTB 2,5/2P-PE	3040067	311
STTB 2,5/2P-PE SO	3040915	312
STTB 2,5/2P-PV	3040070	311
STTB 2,5/2P-PV BU	3040685	311
STTB 2,5/2P-PV SO	3040928	312
STTB 2,5/4P	3061486	289
STTB 2,5/4P BU	3061512	289
STTB 2,5/4P-PE	3061499	289
STTB 2,5/4P-PV	3061509	289
STTB 4	3031429	176
STTB 4 BU	3031432	176
STTB 4-PE	3036039	176
STTB 4-PV	3031542	176
STTBS 2,5	3038464	167
STTBS 2,5 BU	3038493	167
STTBS 2,5-PE	3038480	167
STTBS 2,5-PV	3038477	167
STTBS 2,5-PV BU	3035289	167
STTBS 4	3035056	180
STTBS 4 BU	3035069	180
STTBS 4-MT	3035470	181
STTBS 4-MT BU	3035522	181
STTBS 4-PE	3035072	180
STTBS 4-PV	3035085	180
STTBS 4-TG	3035483	181
STTBU 4	3033155	179
STTBU 4 BU	3033168	179
STTBU 4-PE	3033171	179
STTBU 4-PV	3033184	179
STU 10/ 4X2,5	3033139	190
STU 10/ 4X2,5 BU	3033142	190
STU 2,5-TWIN	3033016	166
STU 2,5-TWIN BU	3033029	166
STU 2,5-TWIN-PE	3033032	166
STU 35/ 4X10	3033126	195
STU 35/ 4X10 BU	3033210	195
STU 4-TWIN	3033058	179
STU 4-TWIN BU	3033061	179
STU 4-TWIN-PE	3033074	179
SZF 0-0,4X2,5	1204504	36
SZF 1-0,6X3,5	1204517	68
SZF 2-0,8X4,0	1204520	104
SZF 3-1,0X5,5	1206612	114
SZG 0,6X3,5 VDE	1205121	471
SZG 0,9X6,5 VDE	1205134	483
SZK PH2 VDE	1205163	546
SZK PZ0 VDE	1206447	387
SZK PZ1 VDE	1206450	391
SZS 0,4X2,5 VDE	1205037	420
SZS 0,6X3,5	1205053	533
SZS 1,0X4,0 VDE	1205066	242
SZS 1,0X6,5 VDE	1205079	252
SZS 1,2X8,0 VDE	1205082	256

T

Type	Order No.	Page
TM-PTRV 4,QR:1-4	0803464	47
TM-PTRV 4,QR:4-1	0803465	47
TM-PTRV 4,QR:A-D	0803466	47
TM-PTRV 4,QR:D-A	0803467	47
TM-PTRV 8,QR:1-8	0803468	51
TM-PTRV 8,QR:8-1	0803470	51
TM-PTRV 8,QR:A-H	0803471	51
TM-PTRV 8,QR:H-A	0803473	51
TPN-UK	3003062	462
TPNS-UK	0706647	515
TPS 3/20/5	3246586	109
TS-GSK	0304214	481
TS-K	1302215	421
TS-KK 3	2770215	155
TS-KK 3 SO	2778534	530
TS-RTK	0310211	483
TS-RTK-BEN	0308210	483
TS-UK 6-T	3072820	246
TS-URTK/SS	0321213	481
TS-USST 4/10	3070383	515
TZ	0306704	472

U

Type	Order No.	Page
UAB	3032428	507
UDB 2X25/16 BK	3071356	562
UDB 2X25/16 BN	3071357	562
UDB 2X25/16 BU	3071358	562
UDB 2X25/16 GN	3071359	562
UDB 2X25/16 GY	3071355	562
UDB 2X35/25 BK	3071351	563
UDB 2X35/25 BN	3071352	563
UDB 2X35/25 BU	3071353	563
UDB 2X35/25 GN	3071354	563
UDB 2X35/25 GY	3071350	563
UDK 3	2775375	432
UDK 3 BU	2718277	432
UDK 3-PE	2775456	433
UDK 4	2775016	433
UDK 4 BU	2775090	433
UDK 4-DUR	2775207	494
UDK 4-DUR 249	2775249	494
UDK 4-ILA 500	2775061	495
UDK 4-MTK-P/P	2775210	478
UDK 4-MTK-P/P BU	2775223	478
UDK 4-PE	2775184	433
UDK 4-TG	2777014	471
UDK 4-ULA 24 RD/O-U	2775045	495
UDK 4-ULA 48 RD/O-U	2775032	495
UDK 4-ULA 230	2775058	495
UDK 4-ULA/EK	2775029	495
UDMTK 5-P/P	3101087	479
UDMTK 5-P/P BU	3101113	479
UDMTK 5-TWIN-P/P	3101126	479
UDMTK 5-TWIN-P/P BU	3101139	479
UDMTKB 5-P/P	3024478	479
UGSK 6	3026285	487
UGSK/S	0305080	481
UGSK/S + GS	0313085	481
UHK 4-FS/FS(8-2,8-0,8)	2017237	499
UHK 4-FS/FS(12-2,8-0,8)	2017224	499
UHSK/S 2000	0704076	422
UHV -E	2130428	554
UHV -TP1	2130402	554
UHV -TP2	2130415	555
UHV 25-AH	2130431	554
UHV 25-AS/AS	2130004	554
UHV 25-KH/AS	2130101	554
UHV 25-KH/KH	2130156	554
UHV 25-VS 2	2130541	554
UHV 25-VS 3	2130554	554
UHV 50-AH	2130444	554

Alphabetical

Type	Order No.	Page
UHV 50-AS/AS	2130017	554
UHV 50-KH/AS	2130114	554
UHV 50-KH/KH	2130169	554
UHV 50-VS 2	5030897	554
UHV 50-VS 3	2130622	554
UHV 95-AH	2130457	555
UHV 95-AS/AS	2130020	555
UHV 95-KH/AS	2130127	555
UHV 95-KH/KH	2130172	555
UHV 95-VS 2	2130635	555
UHV 95-VS 3	2130648	555
UHV150-AH	2130460	555
UHV150-AS/AS	2130033	555
UHV150-KH/AS	2130130	555
UHV150-KH/KH	2130185	555
UHV150-VS 2	2130651	555
UHV150-VS 3	2130664	555
UHV240-AH	2130473	555
UHV240-AS/AS	2130046	555
UHV240-KH/AS	2130143	555
UHV240-KH/KH	2130198	555
UHV240-VS 2	2130677	555
UHV240-VS 3	2130680	555
UIK 16	3006153	505
UIK 16 BU	3006205	505
UIK 35	3006182	505
UIK 35 BU	3006302	505
UIKN 16 BU	3006166	509
UIKN 35 BU	3034015	509
UISLKG 16	0443052	506
UISLKG 16-1	3001789	506
UISLKG 35	0443065	506
UISLKG 35-1	3001776	506
UK 1,5 N	3005837	420
UK 1,5 N BU	3005840	420
UK 2,5 N	3003347	421
UK 2,5 N BU	3003350	421
UK 3 N	3001501	421
UK 3 N BU	3001514	421
UK 3-TWIN	3002225	428
UK 3-TWIN BU	3002416	428
UK 3-TWIN-PE	1923128	430
UK 5 N	3004362	421
UK 5 N BU	3004388	421
UK 5-HESI	3004100	454
UK 5-HESILA 250	3004142	454
UK 5-HESILED 24	3004126	454
UK 5-MTK	3004430	477
UK 5-MTK-P/P	3004032	477
UK 5-MTK-P/P BU	3004058	477
UK 5-TWIN	1923021	429
UK 5-TWIN BU	1923047	429
UK 5-TWIN-PE	1923076	431
UK 6 N	3004524	422
UK 6 N BU	3004977	422
UK 6,3-HESI	3004171	455
UK 6,3-HESILA 250	3004249	455
UK 6,3-HESILED 24	3004265	455
UK 6-FSI/C	3118203	461
UK 6-FSI/C-LED12	3001925	461
UK 6-FSI/C-LED24	3001938	461
UK 10 N	3005073	423
UK 10 N BU	3005086	423
UK 10,3 HESILED 1000V	3211249	464
UK 10,3-CC HESI N	3048580	463
UK 10,3-CC HESILED N 600	3048616	463
UK 10,3-HESI 1000V	3211236	464
UK 10,3-HESI 1500V	3062760	466
UK 10,3-HESI N	3048386	462
UK 10,3-HESILED N 690	3048399	462
UK 10-DREHSI (5X20)	3005109	458
UK 10-DREHSI (6,3X32)	3005507	459
UK 10-DREHSI/K (5X25)	3005688	459
UK 10-DREHSILA 250 (5X20)	3005170	458
UK 10-DREHSILA 250 (6,3X32)	3005662	459
UK 10-DREHSILED 12 (5X20)	3005112	458
UK 10-DREHSILED 24 (5X20)	3005138	458
UK 10-DREHSILED 24 (6,3X32)	3005646	459
UK 10-DREHSILED 60 (5X20)	3005154	458
UK 10-PLUS	3001381	429
UK 10-PLUS BU	3001475	429
UK 10-PLUS-PE	3001420	431
UK 10-TWIN	3005196	429
UK 10-TWIN BU	3005235	429
UK 10-TWIN-PE	3001433	431
UK 16 N	3006043	423
UK 16 N BU	3006056	423
UK 35 N	3074130	423
UK 35 N BU	3058350	423
UK 4-SD	3246861	490
UK 5 N-MT	3000563	477
UK 5 N-TG	3000604	473
UK 5-HEDI N	3000564	453
UK 5-HEDI N GY	3000752	453
UK 5-HESI N	3000539	452
UK 5-HESILA 250 N	3000542	452
UK 5-HESILED 24 N	3000540	452
UK 5-HESILED 60 N	3000541	452
UK 5-MTD N	3000562	453
UK 6-T	3072803	485
UK 6-T-P	3072800	484
UK 6-TK-P	3072804	485
UK-SI	3118012	460
UK-SI BU	3118096	460
UKD 6	3072801	485
UKH 50	3009118	257
UKH 50 BU	3009105	257
UKH 50 EP	3009228	256
UKH 50-3L	3076634	257
UKH 50-3L-F	3076638	257
UKH 50-3L/FE	3076636	257
UKH 50-3L/FE-F	3076640	257
UKH 50-3L/N	3076635	257
UKH 50-3L/N-F	3076639	257
UKH 50-3L/N/FE	3076637	257
UKH 50-3L/N/FE-F	3076641	257
UKH 50-F	3247019	257
UKH 95	3010013	263
UKH 95 BU	3010136	263
UKH 95 EP	3009231	262
UKH 95-3L	3076332	263
UKH 95-3L-F	3076497	263
UKH 95-3L/FE	3076413	263
UKH 95-3L/FE-F	3076578	263
UKH 95-3L/N	3076374	263
UKH 95-3L/N-F	3076536	263
UKH 95-3L/N/FE	3076455	263
UKH 95-3L/N/FE-F	3076617	263
UKH 95-F	3247022	263
UKH 150	3010110	265
UKH 150 1500V	3247433	265
UKH 150 1500V BU	3247434	265
UKH 150 BU	3010123	265
UKH 150-3L	3076345	265
UKH 150-3L-F	3076507	265
UKH 150-3L/FE	3076426	265
UKH 150-3L/FE-F	3076581	265
UKH 150-3L/N	3076387	265
UKH 150-3L/N-F	3076549	265
UKH 150-3L/N/FE	3076468	265
UKH 150-3L/N/FE-F	3076620	265
UKH 150-F	3247035	265
UKH 150/240 EP	3009244	264
UKH 240	3010217	267
UKH 240 BU	0711852	267
UKH 240-3L	3076358	267
UKH 240-3L-F	3076510	267
UKH 240-3L/FE	3076439	267
UKH 240-3L/FE-F	3076594	267
UKH 240-3L/N	3076390	267
UKH 240-3L/N-F	3076552	267
UKH 240-3L/N/FE	3076471	267
UKH 240-3L/N/FE-F	3076633	267
UKH 240-F	3247048	267
UKH 50 1500V	3247400	257
UKH 50 1500V BU	3247402	257
UKH 70	3213140	259
UKH 70 1500V	3247461	259
UKH 70 BU	3244601	259
UKH 70-3L	3076329	259
UKH 70-3L-F	3076484	259
UKH 70-3L/FE	3076400	259
UKH 70-3L/FE-F	3076565	259
UKH 70-3L/N	3076361	259
UKH 70-3L/N-F	3076523	259
UKH 70-3L/N/FE	3076442	259
UKH 70-3L/N/FE-F	3076604	259
UKH 70-F	3247051	259
UKH 70-PE/S	3213141	259
UKH 70/4X10	3213142	260
UKH 70/4X10 BU	3213143	260
UKH 70/4X10-PE	3213144	261
UKH 95 1500V	3247419	263
UKH 95 1500V BU	3247420	263
UKK 3	2770011	434
UKK 3 BU	2770095	434
UKK 4-FS	2770561	502
UKK 4-FS/FS	2771133	503
UKK 5	2774017	435
UKK 5 BU	2774091	435
UKK 5-2 BE	3048030	492
UKK 5-2DIO/O-UL/UR-UL	2791113	492
UKK 5-BE	3048027	492
UKK 5-DIO/O-U	2791016	492
UKK 5-DIO/U-O	2791032	492
UKK 5-DIO/UL-UR	2791029	492
UKK 5-HESI (5X20)	3007204	456
UKK 5-HESI (6,3X32)	3007217	457
UKK 5-HESILED 24 (5X20)	3026654	456
UKK 5-HESILED 24 (6,3X32)	0711632	457
UKK 5-LA 230	2791359	493
UKK 5-LA 24 RD/U-O	2791320	493
UKK 5-LA 60 RD/U-O	2791333	493
UKK 5-MTK-P/P	2800004	478
UKK 5-MTK-P/P-LA 24RD/O-U	2800020	478
UKK 5-MTKD-P/P	2800017	478
UKK 5-PE	2774211	437
UKK 5-PV	2791388	435
UKK 5-TG	3007042	471
UKKB 3	2771010	434
UKKB 3 BU	2771094	434
UKKB 5	2771146	435
UKKB 5 BU	3216053	435
UKKB 5-PE	3007123	437
UKKB 10	2772077	436
UKKB 10-PV	3003567	436
UKKB 10/2,5	2771007	436
UKKB 10/2,5-PV	2775485	436
UKN 2,5 BU	3032004	507
UKN 5 BU	3032088	507
UKN 6 N BU	3024041	508
UKN 10 N BU	3003910	508
UP 4-4CT	3208720	350
UP 4-4VT	3208721	350
UP 4/ 1	3060115	352
UP 4/ 1 BU	3045282	352
UP 4/ 1 GNYE	3045295	352
UP 4/ 1-L	3060021	352
UP 4/ 1-L BU	3060034	352
UP 4/ 1-L GNYE	3060047	352
UP 4/ 1-M	3060050	352
UP 4/ 1-M BU	3060063	352
UP 4/ 1-M GNYE	3060076	352
UP 4/ 1-R	3060089	352
UP 4/ 1-R BU	3060092	352
UP 4/ 1-R GNYE	3060102	352
UP 4/ 2	3060128	352
UP 4/ 3	3060131	352
UP 4/ 4	3060144	352
UP 4/ 5	3060157	352
UP 4/ 6	3060160	352
UP 4/ 7	3060173	352
UP 4/ 8	3060186	352
UP 4/ 9	3060199	352
UP 4/10	3060209	352
UP 4/11	3060212	352
UP 4/12	3060225	352
UP 4/13	3060238	352
UP 4/14	3060241	352
UP 4/15	3060254	352
UP 6/ 1	3060610	356
UP 6/ 1 BU	3060717	356
UP 6/ 1 GNYE	3060720	356
UP 6/ 1-L	3060733	357
UP 6/ 1-L BU	3060746	357
UP 6/ 1-L GNYE	3060759	357
UP 6/ 1-M	3060762	357
UP 6/ 1-M BU	3060775	357
UP 6/ 1-M GNYE	3060788	357
UP 6/ 1-R	3060791	357
UP 6/ 1-R BU	3060801	357
UP 6/ 1-R GNYE	3060814	357
UP 6/ 2	3060623	356
UP 6/ 3	3060636	356
UP 6/ 4	3060649	356
UP 6/ 5	3060652	356
UP 6/ 6	3060665	356
UP 6/ 7	3060678	356
UP 6/ 8	3060681	356
UP 6/ 9	3060694	356
UP 6/10	3060704	356
UPBV 2,5/ 1	3045145	342
UPBV 2,5/ 1 BU	3045240	342
UPBV 2,5/ 1 GNYE	3045253	342
UPBV 2,5/ 1-L	3045318	343
UPBV 2,5/ 1-L BU	3045321	343
UPBV 2,5/ 1-L GNYE	3045334	343
UPBV 2,5/ 1-M	3045347	343
UPBV 2,5/ 1-M BU	3045350	343
UPBV 2,5/ 1-M GNYE	3045363	343
UPBV 2,5/ 1-R	3045376	343
UPBV 2,5/ 1-R BU	3045389	343
UPBV 2,5/ 1-R GNYE	3045392	343
UPBV 2,5/ 2	3045402	342
UPBV 2,5/ 3	3045415	342
UPBV 2,5/ 4	3045428	342
UPBV 2,5/ 5	3045431	342
UPBV 2,5/ 6	3045444	342
UPBV 2,5/ 7	3045457	342
UPBV 2,5/ 8	3045460	342
UPBV 2,5/ 9	3045473	342
UPBV 2,5/10	3045499	342
UPBV 2,5/11	3045509	342
UPBV 2,5/12	3045512	342
UPBV 2,5/13	3045525	342
UPBV 2,5/14	3045538	342
UPBV 2,5/15	3045541	342
UPBV 4/ 1	3045800	351
UPBV 4/ 1 BU	3045266	351
UPBV 4/ 1 GNYE	3045279	351
UPBV 4/ 1-L	3045716	351
UPBV 4/ 1-L BU	3045729	351
UPBV 4/ 1-L GNYE	3045732	351
UPBV 4/ 1-M	3045745	351
UPBV 4/ 1-M BU	3045758	351
UPBV 4/ 1-M GNYE	3045761	351
UPBV 4/ 1-R	3045774	351
UPBV 4/ 1-R BU	3045787	351
UPBV 4/ 1-R GNYE	3045790	351
UPBV 4/ 2	3045813	351
UPBV 4/ 3	3045826	351
UPBV 4/ 4	3045839	351
UPBV 4/ 5	3045842	351
UPBV 4/ 6	3045855	351
UPBV 4/ 7	3045868	351
UPBV 4/ 8	3045871	351
UPBV 4/ 9	3045884	351
UPBV 4/10	3045897	351
UPBV 4/11	3045907	351
UPBV 4/12	3045910	351
UPBV 4/13	3045923	351
UPBV 4/14	3045936	351
UPBV 4/15	3045949	351
UPCT 4/2	3057461	348
UPCT 4/3	3057458	348
UPR/ 2	3045567	363
UPRZ	3045570	363
UPZ/ 2	3045554	362
URDK 6	3026706	487
URTK 6	3026272	487

Type	Order No.	Page
URTK/S	0311087	483
URTK/S-BEN 10	0309109	483
URTK/SP	0311126	489
URTK/SS	0321019	481
URTK/SS-PSB	3056608	481
URTKD/SP	0311142	489
USB 2-RTK/S	0311278	483
USBR 2-11	3001356	537
USBR 2-7	2303239	421
USED 27 N	3048373	469
USEN 14 N	3048357	468
USEN 18 N	3048360	468
USIG	0920083	460
USIG BU	0920122	460
USK 4-FS/FS(8-2,8-0,8)	0271017	501
USK 4-FSR(4-2,8-0,8)	0270018	501
USLKG 1,5 N	3005853	424
USLKG 10 N	3003923	426
USLKG 10 N-1	0442082	426
USLKG 16 N	0443023	427
USLKG 16 N-1	0443036	427
USLKG 2,5 N	0441119	424
USLKG 2,5 N-1	0443081	424
USLKG 3	0441083	425
USLKG 3-1	0441106	425
USLKG 35 N	3074143	427
USLKG 5	0441504	425
USLKG 5-1	0441517	425
USLKG 50	0443049	257
USLKG 6 N	0442079	425
USLKG 6 N-1	0444048	425
USLKG 95	0441041	263
USST 10	3070354	516
USST 4	3070338	515
USST 4-MT	3070300	517
USST 4-MT P/P	3070302	517
USST 4-TG	3070301	517
USST 4-TG P/P	3070303	517
USST 6	3070341	516
USST 6-T	3070312	518
USST 6-T/SB	3070310	521
USST 6-T/SP	3070330	520
USSTD 6	3070325	519
USSTD 6/SP	3070331	520
UT 10	3044160	251
UT 10 BU	3044188	251
UT 10-PE	3044173	251
UT 10-PE/S	3215054	251
UT 16	3044199	253
UT 16 BU	3044209	253
UT 16-PE	3044212	253
UT 16-PE/S	3215915	253
UT 2,5	3044076	219
UT 2,5 BU	3044089	219
UT 2,5-3L	3214259	220
UT 2,5-3L BU	3002389	220
UT 2,5-3L-LA24RD/O-M	3214288	220
UT 2,5-3PE	3214275	220
UT 2,5-3PV	3214262	220
UT 2,5-MT	3046362	222
UT 2,5-MT BU	3046553	222
UT 2,5-MT P/P BU	3046566	222
UT 2,5-MT-P/P	3046375	222
UT 2,5-MTD	3064085	223
UT 2,5-MTD BU	3064108	223
UT 2,5-MTD P/P	3064098	223
UT 2,5-MTD P/P BU	3064111	223
UT 2,5-MTD-DIO/L-R	3064137	223
UT 2,5-MTD-DIO/R-L	3064140	223
UT 2,5-MTD-PE	3064124	223
UT 2,5-PE	3044092	219
UT 2,5-PE/L/L	3214301	220
UT 2,5-PE/L/N	3214291	220
UT 2,5-QUATTRO	3044542	219
UT 2,5-QUATTRO BU	3044555	219
UT 2,5-QUATTRO-PE	3044568	219
UT 2,5-TG	3046388	221
UT 2,5-TG BU	3046579	221
UT 2,5-TG-P/P	3046391	221
UT 2,5-TG-P/P BU	3046582	221
UT 2,5-TWIN	3044513	219
UT 2,5-TWIN BU	3044526	219
UT 2,5-TWIN-PE	3044539	219
UT 2,5-TWIN/1P	3060490	339
UT 2,5-TWIN/1P BU	3060500	339
UT 2,5-TWIN/1P-F	3061172	371
UT 2,5-TWIN/1P-PE	3060513	339
UT 2,5/1P	3045017	339
UT 2,5/1P BU	3045020	339
UT 2,5/1P-F	3060445	371
UT 2,5/1P-PE	3045033	339
UT 35	3044225	255
UT 35 BU	3044238	255
UT 35-PE	3044241	255
UT 35-PE/S	3215928	255
UT 4	3044102	229
UT 4 BU	3044115	229
UT 4-HEDI	3046249	231
UT 4-HEDI-P/P	3046252	231
UT 4-HESI (5X20)	3046032	231
UT 4-HESILA 250 (5X20)	3046100	231
UT 4-HESILED 24 (5X20)	3046090	231
UT 4-HESILED 24 (5X20) 120KOHM	3248005	231
UT 4-HESILED 60 (5X20)	3046126	231
UT 4-L	3214363	230
UT 4-L/HESI (5X20)	3214325	232
UT 4-L/HESILA 250 (5X20)	3214368	232
UT 4-L/HESILED 24 (5X20)	3214366	232
UT 4-L/HESILED 60 (5X20)	3214367	232
UT 4-L/L	3214362	230
UT 4-MT	3046139	235
UT 4-MT BU	3046278	235
UT 4-MT-EX	3046141	235
UT 4-MT-P/P	3046171	235
UT 4-MT-P/P BU	3046265	235
UT 4-MT-P/P-EX	3046173	235
UT 4-MTD	3046184	239
UT 4-MTD BU	3046197	239
UT 4-MTD-DIO/L-R	3046210	239
UT 4-MTD-DIO/R-L	3046236	239
UT 4-MTD-PE	3046223	239
UT 4-MTD-PE/S	3046207	239
UT 4-MTL	3046144	236
UT 4-MTL KNIFE-RD	3046152	236
UT 4-MTL KNIFE-WH	3046148	236
UT 4-MTL-P/P	3046146	236
UT 4-MTL-P/P KNIFE-RD	3046154	236
UT 4-MTL-P/P KNIFE-WH	3046150	236
UT 4-PE	3044128	229
UT 4-PE/HEDI	3074004	231
UT 4-PE/HESI (5X20)	3073995	231
UT 4-PE/HESI LA 250 (5X20)	3070079	231
UT 4-PE/HESI LED 24 (5X20)	3070053	231
UT 4-PE/HESILED 60 (5X20)	3070066	231
UT 4-PE/L-DIO/L-R P/P	3046834	239
UT 4-PE/L-DIO/R-L P/P	3046235	239
UT 4-PE/L/HEDI	3214324	232
UT 4-PE/L/HESI (5X20)	3214320	232
UT 4-PE/L/HESILED 24 (5X20)	3214321	232
UT 4-PE/L/HESILED 250 (5X20)	3214323	232
UT 4-PE/L/HESILED 60 (5X20)	3214322	232
UT 4-PE/L/L	3214360	230
UT 4-PE/L/MT	3214364	232
UT 4-PE/L/N	3214361	230
UT 4-PE/L/TG	3214365	232
UT 4-PE/MT	3070011	237
UT 4-PE/MT P/P	3046140	237
UT 4-PE/TG	3070024	234
UT 4-PE/TG P/P	3070037	234
UT 4-QUATTRO	3044571	229
UT 4-QUATTRO BU	3044584	229
UT 4-QUATTRO HV	3048823	230
UT 4-QUATTRO HV BU	3048836	230
UT 4-QUATTRO-MT	3064043	236
UT 4-QUATTRO-MT BU	3073050	236
UT 4-QUATTRO-MT P/P	3064056	236
UT 4-QUATTRO-MT P/P BU	3073063	236
UT 4-QUATTRO-PE	3044597	229
UT 4-QUATTRO-TG	3064027	234
UT 4-QUATTRO-TG BU	3073076	234
UT 4-QUATTRO-TG P/P	3064030	234
UT 4-QUATTRO-TG P/P BU	3073089	234
UT 4-QUATTRO/ 2P	3060296	345
UT 4-QUATTRO/ 2P BU	3060306	345
UT 4-QUATTRO/ 2P-F	3060335	371
UT 4-QUATTRO/ 2P-PE	3060319	345
UT 4-TG	3046142	233
UT 4-TG BU	3073283	233
UT 4-TG-EX	3046143	233
UT 4-TG-P/P	3046168	233
UT 4-TG-P/P BU	3073296	233
UT 4-TG-P/P-EX	3046169	233
UT 4-TWIN	3044364	229
UT 4-TWIN BU	3044500	229
UT 4-TWIN HV	3000608	229
UT 4-TWIN-MT	3046003	236
UT 4-TWIN-MT BU	3073018	236
UT 4-TWIN-MT P/P	3064014	236
UT 4-TWIN-MT P/P BU	3073021	236
UT 4-TWIN-PE	3044380	229
UT 4-TWIN-TG	3046595	234
UT 4-TWIN-TG BU	3073034	234
UT 4-TWIN-TG P/P	3046605	234
UT 4-TWIN-TG P/P BU	3073047	234
UT 4-TWIN/ 1P	3060267	345
UT 4-TWIN/ 1P BU	3060270	345
UT 4-TWIN/ 1P-F	3060322	371
UT 4-TWIN/ 1P-PE	3060283	345
UT 4/ 1P	3045583	345
UT 4/ 1P BU	3045596	345
UT 4/ 1P-F	3060458	371
UT 4/ 1P-H	3001369	345
UT 4/ 1P-H-PE	3001372	345
UT 4/ 1P-PE	3045606	345
UT 6	3044131	243
UT 6 BU	3044144	243
UT 6-3L	3046703	243
UT 6-HESI (6,3X32)	3046401	243
UT 6-HESILA 250 (6,3X32)	3046430	243
UT 6-HESILED 24 (6,3X32)	3046414	243
UT 6-HESILED 60 (6,3X32)	3046427	243
UT 6-MT	3064069	245
UT 6-MT BU	3073267	245
UT 6-MT P/P	3064072	245
UT 6-MT P/P BU	3073270	245
UT 6-MTL	3046145	245
UT 6-MTL KNIFE-RD	3046153	245
UT 6-MTL KNIFE-WH	3046149	245
UT 6-MTL P/P	3046147	245
UT 6-MTL P/P KNIFE-WH	3046151	245
UT 6-MTL-P/P KNIFE-RD	3046155	245
UT 6-PE	3044157	243
UT 6-QUATTRO/2P	3060568	355
UT 6-QUATTRO/2P BU	3060571	355
UT 6-QUATTRO/2P-F	3060843	371
UT 6-QUATTRO/2P-PE	3060584	355
UT 6-T-HV	3070134	246
UT 6-T-HV P/P	3070121	246
UT 6-T/SP	3072815	246
UT 6-TG	3046485	244
UT 6-TG BU	3073856	244
UT 6-TG P/P	3073869	244
UT 6-TG P/P BU	3073872	244
UT 6-TG P/P-EX	3073870	244
UT 6-TG-EX	3046486	244
UT 6/1P	3060539	355
UT 6/1P BU	3060542	355
UT 6/1P-PE	3060555	355
UTD 6/SP	3072817	246
UTI 16	3073827	253
UTI 16 BU	3075728	253
UTI 16-PE	3073830	253
UTI 2,5-L	3076034	225
UTI 2,5-L/L	3076031	225
UTI 2,5-L/LB	3076033	226
UTI 2,5-L/N	3076035	225
UTI 2,5-PE/L/L	3076029	225
UTI 2,5-PE/L/N	3076030	225
UTI 2,5-PE/L/NT	3076028	224
UTI 2,5-PE/L/NTB	3076032	226
UTI 35	3074088	255
UTI 35 BU	3075731	255
UTI 35-PE	3074091	255
UTME 4	3047452	238
UTME 4-CT/1P	3057432	348
UTME 4-P/P	3047453	238
UTME 4-P/P BU	3047454	238
UTME 4/1P	3057416	347
UTME 6	3047400	247
UTMED 4	3047465	238
UTMED 4-PE	3047478	238
UTMED 6	3047413	247
UTMED 6-PE	3047442	247
UTN 2,5	3245011	224
UTN 4	3245024	240
UTN 6	3245037	248
UTN 10	3245040	251
UTN 16	3245053	253
UTN 35	3245066	255
UTRE 6-2/10	3069811	601
UTRE 6-2/11	3069812	601
UTRE 6-2/12	3069813	601
UTRE 6-2/13	3069814	601
UTRE 6-2/14	3069815	601
UTRE 6-2/15	3069816	601
UTRE 6-2/16	3069817	601
UTRE 6-2/17	3069818	601
UTRE 6-2/18	3069819	601
UTRE 6-2/19	3069820	601
UTRE 6-2/20	3069821	601
UTRE 6-2/21	3069822	601
UTRE 6-2/22	3069823	601
UTRE 6-2/23	3069824	601
UTRE 6-2/24	3069825	601
UTRE 6-2/25	3069826	601
UTRE 6-2/4	3069805	601
UTRE 6-2/5	3069806	601
UTRE 6-2/6	3069807	601
UTRE 6-2/7	3069808	601
UTRE 6-2/8	3069809	601
UTRE 6-2/9	3069810	601
UTRE 6-2/A14	3069426	608
UTRE 6-2/A7	3069423	608
UTRE 6-2/B14	3069427	608
UTRE 6-2/B19	3069429	608
UTRE 6-2/B7	3069424	608
UTRE 6-2/C14	3069428	608
UTRE 6-2/C19	3069430	608
UTRE 6-2/D19	3069431	608
UTRE 6-2/E7	3069425	608
UTRE 6-2/F19	3069432	608
UTRE 6-2/G19	3069433	608
UTRE 6-2/H19	3069434	608
UTRE 6-2/I19	3069435	608
UTT 2,5-2MT	3044679	222
UTT 2,5-2MT BU	3044680	222
UTT 2,5-2MT-P/P	3044670	222
UTT 2,5-2MT-P/P BU	3044671	222
UTT 2,5-2TG-P/P	3044674	221
UTTB 4	3044814	230
UTTB 4 BU	3044791	230
UTTB 4-MT	3044775	237
UTTB 4-MT P/P	3044762	237
UTTB 4-PE	3044759	230
UTTB 4-PV	3044733	230
UTTB 4-TG	3044720	234
UTTB 2,5	3044636	219
UTTB 2,5 BU	3044649	219
UTTB 2,5-2DIO/O-UL/O-UR	3046689	223
UTTB 2,5-2DIO/O-UL/UR-UL	3046676	223
UTTB 2,5-BE	3046744	224
UTTB 2,5-DIO/O-U	3046650	223
UTTB 2,5-DIO/U-O	3046663	223
UTTB 2,5-DIO/UL-UR	3046728	223
UTTB 2,5-L/N	3044681	220
UTTB 2,5-LA 230	3046715	224
UTTB 2,5-LA 24 RD	3046692	224
UTTB 2,5-LA 60 RD	3046702	224
UTTB 2,5-MT-P/P	3044640	222
UTTB 2,5-MT-P/P BU	3044641	222

Type	Order No.	Page
UTTB 2,5-PE	3044665	219
UTTB 2,5-PE/L	3044678	220
UTTB 2,5-PE/N	3046731	220
UTTB 2,5-PV	3044652	219
UTTB 2,5-TG-P/P	3044644	221
UTTB 2,5/2P	3060351	339
UTTB 2,5/2P BU	3060364	339
UTTB 2,5/2P-F	3060474	371
UTTB 2,5/2P-PE	3060380	339
UTTB 2,5/2P-PV	3060377	339
UTTB 2,5/2P-PV BU	3060487	339
UTTB 4 HV	3000610	230
UTTB 4-MT P/P LA 24 RD/O-U	3046773	237
UTWE 6-2/10	3069658	601
UTWE 6-2/11	3069659	601
UTWE 6-2/12	3069660	601
UTWE 6-2/13	3069662	601
UTWE 6-2/14	3069663	601
UTWE 6-2/15	3069664	601
UTWE 6-2/16	3069666	601
UTWE 6-2/17	3069667	601
UTWE 6-2/18	3069668	601
UTWE 6-2/19	3069672	601
UTWE 6-2/20	3069673	601
UTWE 6-2/21	3069800	601
UTWE 6-2/22	3069801	601
UTWE 6-2/23	3069802	601
UTWE 6-2/24	3069803	601
UTWE 6-2/25	3069804	601
UTWE 6-2/4	3069650	601
UTWE 6-2/5	3069651	601
UTWE 6-2/6	3069652	601
UTWE 6-2/7	3069654	601
UTWE 6-2/8	3069655	601
UTWE 6-2/9	3069656	601
UTWE 6-2/A14	3069413	608
UTWE 6-2/A7	3069410	608
UTWE 6-2/B14	3069414	608
UTWE 6-2/B19	3069416	608
UTWE 6-2/B7	3069411	608
UTWE 6-2/C14	3069415	608
UTWE 6-2/C19	3069417	608
UTWE 6-2/D19	3069418	608
UTWE 6-2/E7	3069412	608
UTWE 6-2/F19	3069419	608
UTWE 6-2/G19	3069420	608
UTWE 6-2/H19	3069421	608
UTWE 6-2/I19	3069422	608
UTWE 6/12+1	3069077	592
UTWE 6/3+1	3069047	592
UTWE 6/4+1	3069048	592
UTWE 6/4+1 BI	3070008	592
UTWE 6/5+1	3069049	592
UTWE 6/6+1	3069051	592
UTWE 6/6+1 BI	3069996	592
UTWE 6/7+1	3069065	592
UTWE 6/8+1	3069064	592
UVKB 4-FS(6-2,8-0,8)	1954016	498
UVKB 4-FS/FS(8-2,8-0,8)	1953017	499
UXKK 4	2780014	435

V

VBST 4-FS(6-2,8-0,8)	0852012	500
VBSTB 4-FS (6-2,8-0,8)	3070435	500
VDE-ISS 6	1201934	258
VDE-ISS 8	1201947	264
VIOK 1,5	2718015	448
VIOK 1,5-2D	2718196	449
VIOK 1,5-3D/PE	2718206	449
VIOK 1,5-D/TG/D/PE	3011067	449
VIOK 1,5-LA 24GN/O-MO	2718112	448
VIOK 1,5-LA 24RD/O-MO	2718028	448
VS	3004207	454
VS-UK 10,3-HESI N 2POL	3048532	462
VS-UK 10,3-HESI N 3POL	3048409	462

W

WS 3- 5	0805357	571
WS 3- 6	1004115	571
WS 3- 8	1004128	571
WS 4- 5	0805344	571
WS 4- 6	1004209	571
WS 4- 8	1004212	571
WS 4-10	1004225	571
WS 4-12	0805328	571
WS 4-15	1004241	571
WS 5- 5	0805331	571
WS 5- 6	1004403	571
WS 5- 8	1004416	571
WS 5-10	1004429	571
WS 5-12	0805315	571
WS 5-15	1004445	571
WS UT 10	3047361	413
WS UT 16	3047374	413
WS UT 2,5	3047923	413
WS UT 35	3047387	413
WS UT 4	3047332	413
WS UT 6	3047345	413
WS-2K	1004513	551
WS-4K	1004584	551
WS-G5/3	2720032	559
WS-G5/4	2716499	559
WST 1,5	3030958	413
WST 10/35	3030006	413
WST 2,5	3030941	413
WST 4	3030954	413
WST 6	3030967	413
WT-BASE HF 9	3240704	595
WT-D HF 7,5X200	3240712	595

Z

ZB 8,3,LGS:FORTL.ZAHLEN	0803480	44
ZB 8,3,QR:FORTL.ZAHLEN	0803479	44
ZB 8,3:UNBEDRUCKT	0803444	44
ZBF 6/9,2 S8 CUS	8191575	44
ZBF 6/9,2 S8,LGS:1-8	0803450	44
ZBF 6/9,2 S8,LGS:A-H	0803451	44
ZBF 6/9,2 S8,QR:1-8	0803448	44
ZBF 6/9,2 S8,QR:A-H	0803449	44
ZBF 6/9,2 S8:UNBEDRUCKT	0803447	44
ZFK 6-DREHSI (5X20)	3025040	187
ZFK 6-DREHSI (6,3X32)	3025273	187
ZFK 6-DREHSI/K (5X25)	3029457	187
ZFK 6-DREHSILA 250 (5X20)	3025590	187
ZFK 6-DREHSILA 250 (6,3X32)	3025574	187
ZFK 6-DREHSILED 24 (5X20)	3025600	187
ZFK 6-DREHSILED 24 (6,3X32)	3025587	187

For up-to-date modifications or supplements to the catalog contents, please visit:
phoenixcontact.net/webcode/#0132


Iceland
Finland
Norway
Sweden
Estonia
Latvia
Denmark
Lithuania
Ireland
Belarus
Netherlands
United Kingdom
Poland
Canada
Blomberg, Germany
Russia
Belgium
Luxembourg
Czech Republic
France
Austria
Slovakia
Ukraine
Kazakhstan
Switzerland
Slovenia
Hungary
USA
Croatia
Romania
South Korea
Spain
Italy
Bosnia and Herzegovina
Serbia
Kosovo
Bulgaria
Georgia
Japan
Montenegro
Portugal
Azerbaijan
Macedonia
Turkey
China
Armenia
Tunisia
Greece
Iraq
Cyprus
Lebanon
Iran
Pakistan
Mexico
Morocco
Israel
Kuwait
Bangladesh
Taiwan
Algeria
Jordan
Bahrain
India
Myanmar
Guatemala
Egypt
Qatar
Sri Lanka
Honduras
Saudi Arabia
Nicaragua
Thailand
Philippines
Costa Rica
UAE
Venezuela
Malaysia
Vietnam
Panama
Ghana
Nigeria
Oman
Colombia
Uganda
Singapore
Kenya
Ecuador
Indonesia
Brazil
Tanzania
Peru
Zambia
Bolivia
Mozambique
Namibia
Zimbabwe
Botswana
Paraguay
South Africa
Chile
Uruguay
Australia
Argentina
New Zealand
PHOENIX CONTACT