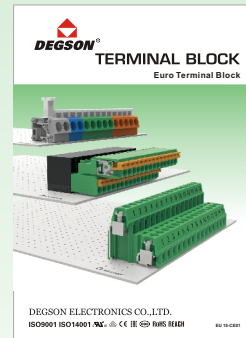
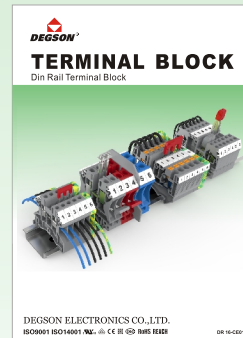


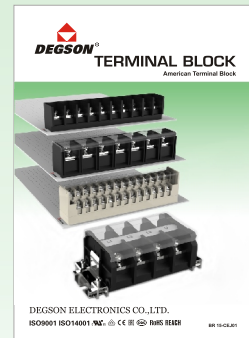
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If you need the following catalogues, please feel free to contact us.



European Terminal Blocks



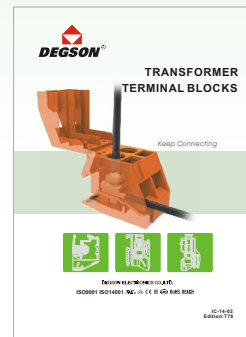
Din Rail Terminal Blocks



American Terminal Blocks



THR & SMD Terminal Blocks



Transformer Terminal Blocks



OEM/ODM

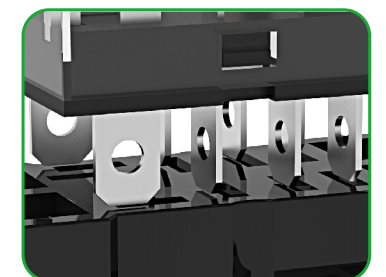
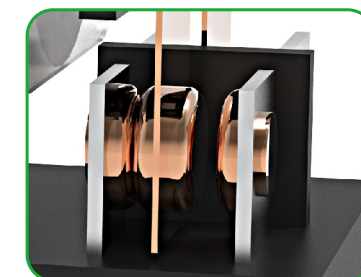
DEGSON
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Fax: +86-574-63512345
E-mail: sale@degson.com
www.degson.com



DEGSON Official Distributor:

The catalog is only for reference, and the detail data must be based on our company's specification!

DEGSON[®] INDUSTRIAL POWER RELAY General Catalogue



DEGSON ELECTRONICS CO.,LTD.

ISO9001 ISO14001 ISO80079-34

UL[®] V5 A SP CE ENE CQC RoHS REACH



目 录

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公 司 简 介

DEGSON 高正(高松)电子有限公司创建于1990年，是一家高新技术企业，是亚洲最大接线端子 and 工业电气连接领域专业制造商，是亚洲首家拥有美国UL和德国VDE 认可专业实验室的企业。产品通过了UL、CE、RoHS REACH 等认证。公司通过了ISO9001、ISO14001、ISO80079-34管理体系认证。

DEGSON 产品畅销中国、德国、英国、意大利、西班牙、波兰、俄罗斯、印度、土耳其、巴西、美国、日本、韩国、南非...等70多个国家和地区，为全球工业自动化、仪器仪表、电梯、电力电气、轨道交通、新能源、照明、通讯、电源、安防、船舶等行业，提供优良的产品和服务。

DEGSON 在全球建立了完善的销售网络，在德国和上海建立了营销中心，26年来DEGSON以务实诚信、责任创新、和谐发展、规则共赢的企业精神，更好地为客户提供更快捷、全面、专业的本地化服务。



Brief Introduction

Founded in 1990, DEGSON Electronics Co., Ltd. is one of the largest manufactures of terminal blocks and industrial electrical connection products in Asia. As a High-tech enterprise, DEGSON owns the first UL and VDE authorized laboratory in Asia. DEGSON products have been approved by UL, CE, RoHS REACH. The company has been granted ISO9001, ISO14001 and ISO80079-34 management system certificates. DEGSON products are very popular in China, Germany, UK, Italy, Spain, Poland, Russia, India, Turkey, Brazil, USA, Japan, Korea, South Africa, etc., totally more than 70 countries and areas. DEGSON provide excellent products and service for the customers all over the world, especially in Industrial Automation, Instrument, Elevator, Electric Power, Rail Transport, New Energy, Lighting, Telecommunication, Power Supply, Security, Ship-building and so on. DEGSON fulfill the sales network all over the world and set up marketing centers in Germany and Shanghai, China. Pragmatic, Sincerity, Responsibility, Innovation, Harmonious, Development, Rule and Win-win. In accordance with these spirits of enterprise for 26 years, DEGSON will keep providing more speedy, comprehensive and professional local service to our customer.

工业继电器系列

Industrial relay series

DRPL-2C.....	01
DPTF08A2-3-00AH.....	02
DRPL-4C.....	03
DPTF14A2-3-00AH.....	04
DRPF-2C.....	05
DPKF08A-F-3-00AH.....	06
DRPF-4C.....	07
DPKF14A-F-3-00AH.....	08
DRPM-2C.....	09
DPYF08A-3-00AH.....	10
DRPM-4C.....	11
DPYF14A-3-00AH.....	12
DRPT-2C.....	13
DSRT05A-F-3-00AH.....	14

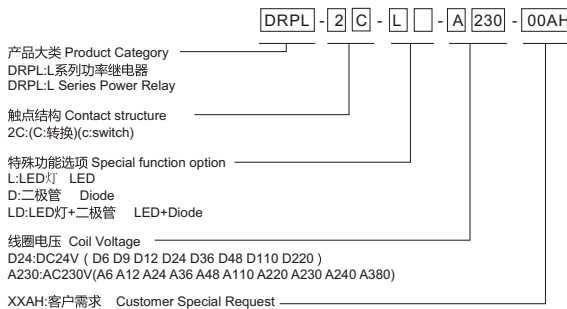


CE RoHS REACH

产品优点 Product advantages

- 体积小、灵敏度高。 • Small size, light switching power.
- 结构合理，用途广。 • High sensitivity.
- 多种规格，可配指示灯装置。 • A wide range of variations and options available.
- 产品认证 CE RoHS REACH • CE RoHS REACH

型号含义 Type number nomenclature



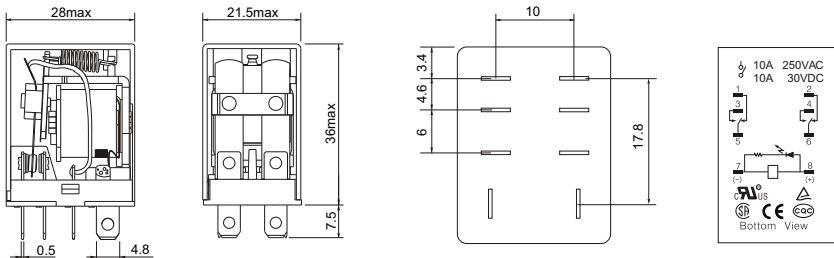
电气参数 Type number nomenclature

形式 Contact form		2C
阻性(AC-1)/马达(AC-15) Resistive(AC-1)/Motor(AC-15)		10A/250VAC,30VDC 1/3HP,120VAC 1/2HP,240VAC
接触电阻（初始） Contact resistance(Initial)		≤50mΩ
电气寿命（频率1S通，1S断） Electrical life(1s on 1s off)		≥10 ⁵ 次Cycles（ 1800 Ops/h ）
机械寿命（300次/分钟） Mechanical life(300 Cycles/min)		≥10 ⁷ 次Cycles（ 18000 Ops/h ）
吸合电压（23℃） Operate voltage（ at 23℃ ）		DC： ≤75%（ Rated voltage ） ， AC： ≤80%（ Rated voltage ）
释放电压（23℃） Release voltage（ at 23℃ ）		DC： ≥10%（ Rated voltage ） ， AC： ≥30%（ Rated voltage ）
绝缘电阻（23℃） Insulation resistance（ at 23℃ ）		≥500MΩ（ 500VDC ）
线圈功率 College power consumption	DC(W)/AC(VA)	0.9/1.2
吸合时间/释放时间（额定电压） Release time/Operate time(Rated voltage)		≤20ms/≤20ms
初始耐压 Dielectric Strength	同极触点之间 Between contacts	1000VAC/1min(漏电流1mA)（Leakage current 1 mA）
	异极触点之间 Between contacts（ different pole ）	2000VAC/1min(漏电流1mA)（Leakage current 1 mA）
	触点与线圈间 Between contact and coil	2000VAC/1min(漏电流1mA)（Leakage current 1 mA）
环境温度 Amblent temperature		-25~+55℃
环境湿度 Amblent humidity		35%~85%RH
耐冲击 Shock withstanding		10G（正弦半波脉冲： 11ms）（Half sine wave pulse:11ms）
耐振动 Vibration withstanding		10~55Hz 双振幅1.0mm Double amplitude1.0mm
安装方式 Installment method		插入式 Push-in
配套插座 Supporting socket		DPTF08A DPTF08A2 DPTF08A-E

线圈规格 (23℃) Coil specification(23℃)

直流电压代号 DC	D6	D9	D12	D24	D36	D48	D110	D220		
线圈电阻Ω Coil resistance (±10%)	40	90	180	640	1500	2600	13000	42000		
交流电压代号 AC	A6	A12	A24	A36	A48	A110	A220	A230	A240	A380
线圈电阻Ω Coil resistance (±10%)	11.5	40	180	370	640	4430	13000	16500	18790	42000

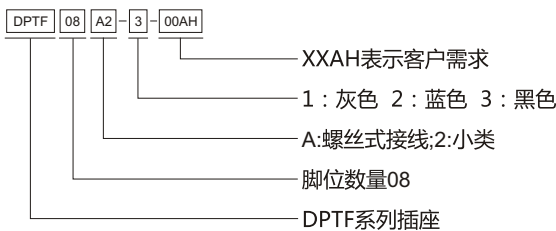
外形尺寸及安装尺寸图 Appearance and installation dimensions diagrams



产品优点 Product advantages

- 螺钉接线牢固、安全、可靠。 • It is firm , safe and reliable to use screw structure to wiring .
- 专用插座，维护方便。 • specified socket , convenient to maintain.
- 分离结构，易插拔，绝缘性能好。 • easy to plug , has good insulated capacity , separable structure.

型号含义 Type number nomenclature



XXAH-Customer Special Request
1-Gray 2-Blue 3-Black
A:Screw Connection ; 2: Son Category
Pin Number08
DPTF Series Socket

产品性能 Product specifications

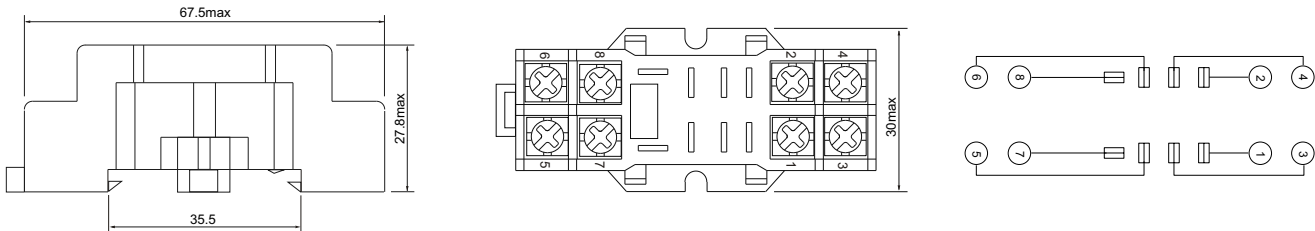
额定负载	电流 Current	A	10
Rated load	电压 Voltage	V	300
介质耐压	Dielectric Strength	V/S	2000
螺钉扭矩	Screw torque	Nm	1.0
外连接导线	External connection wire	AWG/mm²	20-14/0.5-2.5
环境温度	Ambient temperature	℃	-40~+55
配套继电器	Supporting relay	PRPL-2C	
配套附件	Supporting accessory	K-35B	

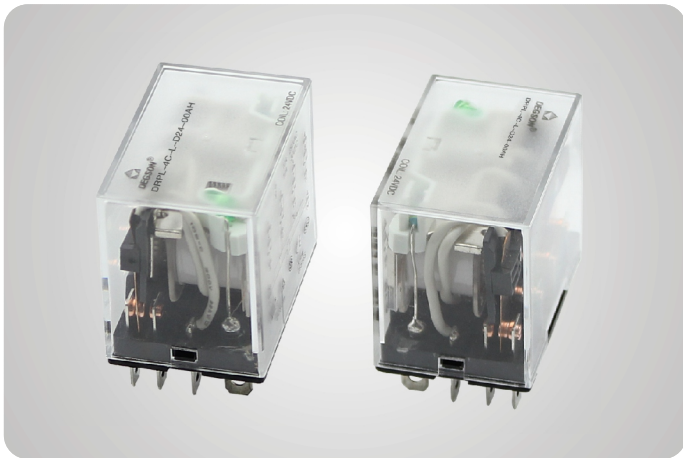
附件 Accessories



K-35B

接线图 Wiring diagrams



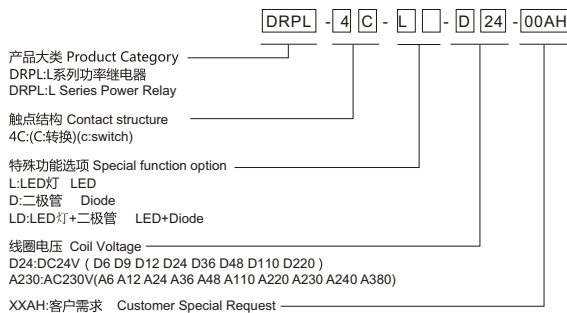


CE RoHS REACH

产品优点 Product advantages

- 体积小、灵敏度高。 • Small size, light switching power.
- 结构合理，用途广。 • High sensitivity.
- 多种规格，可配指示灯装置。 • A wide range of variations and options available.
- 产品认证 CE RoHS REACH • CE RoHS REACH

型号含义 Type number nomenclature



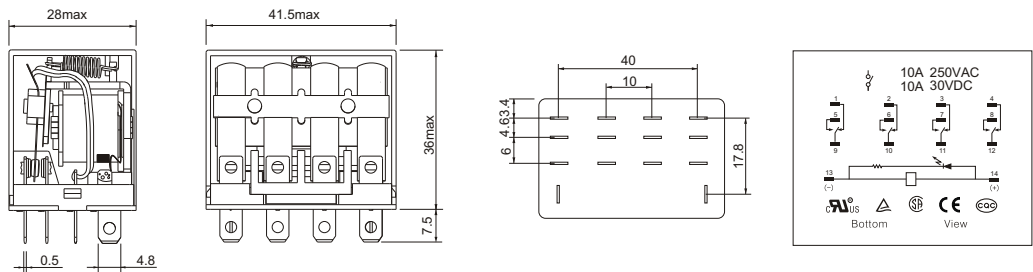
电气参数 Type number nomenclature

形式 Contact form			4C
阻性(AC-1)/马达(AC-15) Resistive(AC-1)/Motor(AC-15)			10A/250VAC,30VDC 1/3HP,120VAC 1/2HP,240VAC
接触电阻 (初始) Contact resistance(Initial)			≤50mΩ
电气寿命 (频率1S通 , 1S断) Electrical life(1s on 1s off)			≥10 ⁵ 次Cycles (1800 Ops/h)
器械寿命 (300次/分钟) Mechanical life(300 Cycles/min)			≥10 ⁷ 次Cycles (18000 Ops/h)
吸合电压 (23℃) Operate voltage (at 23℃)			DC : ≤75% (Rated voltage) , AC : ≤80% (Rated voltage)
释放电压 (23℃) Release voltage (at 23℃)			DC : ≥10% (Rated voltage) , AC : ≥30% (Rated voltage)
绝缘电阻 (23℃) Insulation resistance (at 23℃)			≥500MΩ (500VDC)
线圈功率 College power consumption		DC(W)/AC(VA)	1.5/2.5
吸合时间/释放时间 (额定电压) Release time/Operate time(Rated voltage)			≤20ms/≤20ms
初始耐压 Dielectric Strength	同极触点之间 Between contacts		1000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	异极触点之间 Between contacts (different pole)		2000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	触点与线圈间 Between contact and coil		2000VAC/1min(漏电流1mA) (Leakage current 1 mA)
环境温度 Amblent temperature			-25~+55℃
环境湿度 Amblent humidity			35%~85%RH
耐冲击 Shock withstanding			10G (正弦半波脉冲: 11ms) (Half sine wave pulse:11ms)
耐振动 Vibration withstanding			10~55Hz 双振幅1.0mm Double amplitude1.0mm
安装方式 Installment method			插入式 Push-in
配套插座 Supporting socket			DPTF14A DPTF14A2 DPTF14A-E

线圈规格 (23℃) Coil specification (23℃)

直流电压代号 DC	D6	D9	D12	D24	D36	D48	D110	D220		
线圈电阻Ω Coil resistance (±10%)	24	54	96	360	865	1540	6800	29000		
交流电压代号 AC	A6	A12	A24	A36	A48	A115	A220	A240	A380	
线圈电阻Ω Coil resistance (±10%)	5	20	80	180	320	1680	6700	8000	20000	

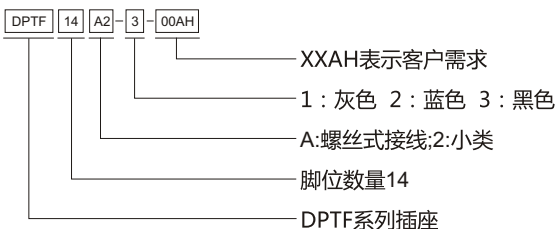
外形尺寸及安装尺寸图 Appearance and installation dimensions diagrams



产品优点 Product advantages

- 螺钉接线牢固、安全、可靠。 • It is firm, safe and reliable to use screw structure to wiring.
- 专用插座，维护方便。 • specified socket, convenient to maintain.
- 分离结构，易插拔，绝缘性能好。 • easy to plug, has good insulated capacity, separable structure.

型号含义 Type number nomenclature



XXAH-Customer Special Request
1-Gray 2-Blue 3-Black
A: Screw Connection; 2: Son Category
Pin Number 14
DPTF Series Socket

产品性能 Product specifications

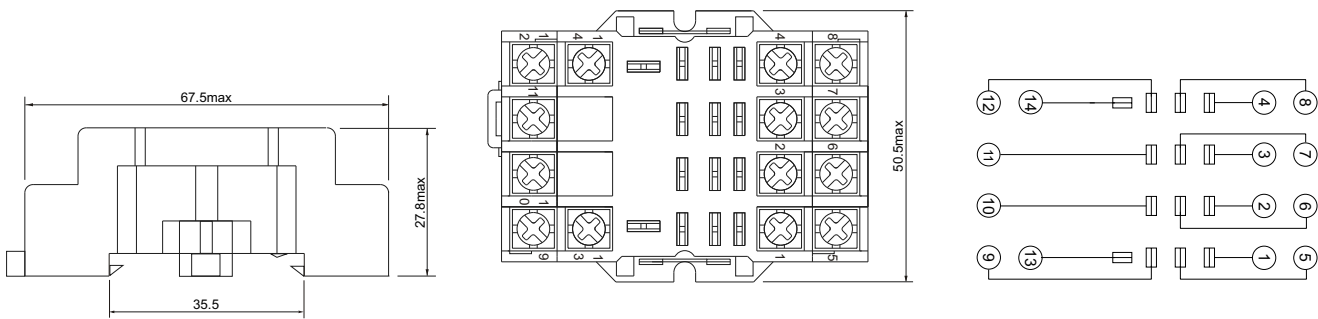
额定负载 Rated load	电流 Current	A	10
	电压 Voltage	V	300
介质耐压 Dielectric Strength		V/S	2000
螺钉扭矩 Screw torque		Nm	1.0
外接导线 External connection wire		AWG/mm²	20-14/0.5-2.5
环境温度 Ambient temperature		℃	-40~+55
配套继电器 Supporting relay	PRPL-4C		
配套附件 Supporting accessory	K-35B		

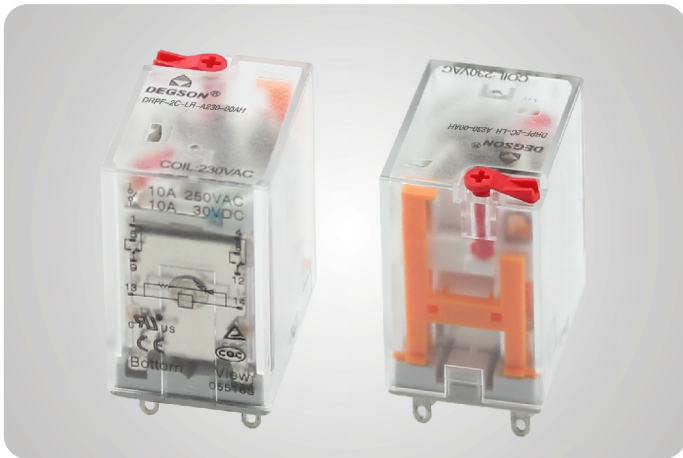
附件 Accessories



K-35B

接线图 Wiring diagrams



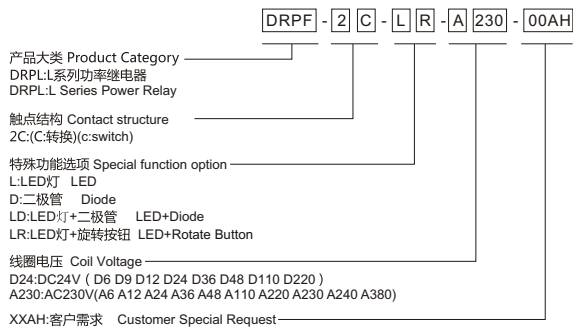


CE RoHS REACH

产品优点 Product advantages

- DRPF-2C
 - 体积小、灵敏度高。
 - 结构合理，用途广。
 - 带点动自锁式测试按钮及机械指示窗。
 - 产品认证 CE RoHS REACH
- Small size,light switching power.
 - High sensitivity.
 - Self-lockong test button and mechanic instruction window.
 - CE RoHS REACH

型号含义 Type number nomenclature



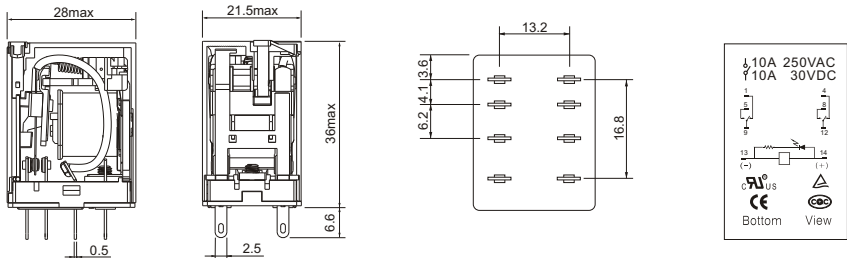
电气参数 Type number nomenclature

形式 Contact form		2C
阻性(AC-1)/马达(AC-15) Resistive(AC-1)/Motor(AC-15)		10A/250VAC,30VDC 1/3HP,120VAC 1/2HP,240VAC
接触电阻 (初始) Contact resistance(Initial)		≤50mΩ
电气寿命 (频率1S通, 1S断) Electrical life(1s on 1s off)		≥10 ⁵ 次Cycles (1800 Ops/h)
器械寿命 (300次/分钟) Mechanical life(300 Cycles/min)		≥10 ⁷ 次Cycles (18000 Ops/h)
吸合电压 (23℃) Operate voltage (at 23℃)		DC : ≤75% (Rated voltage) , AC : ≤80% (Rated voltage)
释放电压 (23℃) Release voltage (at 23℃)		DC : ≥10% (Rated voltage) , AC : ≥30% (Rated voltage)
绝缘电阻 (23℃) Insulation resistance (at 23℃)		≥500MΩ (500VDC)
线圈功率 College power consumption	DC(W)/AC(VA)	0.9/1.2
吸合时间/释放时间 (额定电压) Release time/Operate time(Rated voltage)		≤20ms/≤10ms
初始耐压 Dielectric Strength	同极触点之间 Between contacts	1000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	异极触点之间 Between contacts (different pole)	2000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	触点与线圈间 Between contact and coil	2000VAC/1min(漏电流1mA) (Leakage current 1 mA)
环境温度 Ambient temperature	-55~+70℃	
环境湿度 Ambient humidity	35%~85%RH	
耐冲击 Shock withstanding	10G (正弦半波脉冲: 11ms) (Half sine wave pulse:11ms)	
耐振动 Vibration withstanding	10~55Hz 双振幅1.0mm Double amplitude1.0mm	
安装方式 Installment method	插入式 Push-in	
配套插座 Supporting socket	DPKF08A-E、DPKF08A-F	

线圈规格 (23℃) Coil specification(23℃)

直流电压代号 DC	D6	D9	D12	D24	D36	D48	D110	D220		
线圈电阻Ω Coil resistance (±10%)	40	90	180	640	1500	2600	13000	42000		
交流电压代号 AC	A6	A12	A24	A36	A48	A110	A220	A230	A240	A380
线圈电阻Ω Coil resistance (±10%)	11.5	40	180	370	640	4430	13000	16500	18790	42000

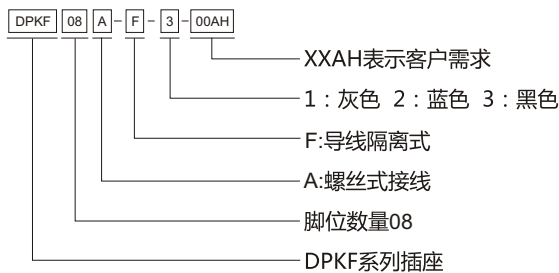
外形尺寸及安装尺寸图 Appearance and installation dimensions diagrams



产品优点 Product advantages

- DPKF08A-F-3-00AH
 - 螺钉接线牢固、安全、可靠。
 - 可使用导轨，安装方便。
 - 分离结构，易插拔，绝缘性能好。
- It is firm , safe and reliable to use screw structure to wiring .
 - Mounted on the din rail , easy to install.
 - easy to plug , has good insulated capacity , separable structure.

型号含义 Type number nomenclature

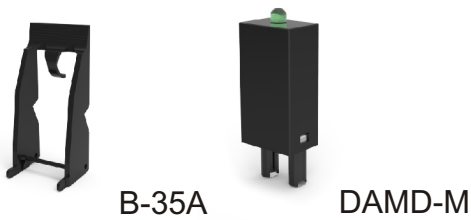


XXAH-Customer Special Request
1-Gray 2-Blue 3-Black
F : Wire Isolation
A:Screw Connection
Pin Number08
DPKF Series Socket

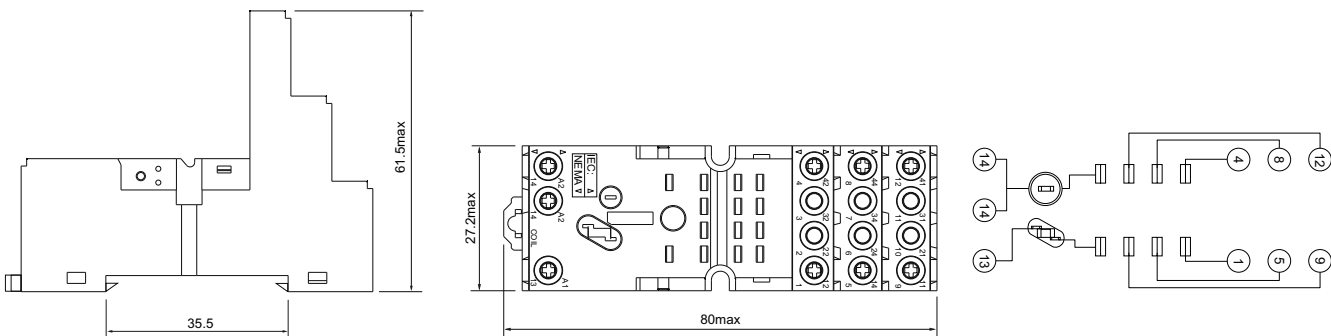
产品性能 Product specifications

额定负载 Rated load	电流 Current	A	12
	电压 Voltage	V	300
介质耐压 Dielectric Strength	线圈/触点 Coil/Contact	V/S	4000
	触点间 Between contact	V/S	2500
螺钉扭矩 Screw torque		Nm	1.0
外连接导线 External connection wire	AWG/mm²		20-14/0.5-2.5
环境温度 Ambient temperature	℃		-40~+85
配套继电器 Supporting relay	DRPF-2C		
配套附件 Supporting accessory	B-35A,DAMD-M		

附件 Accessories



接线图 Wiring diagrams



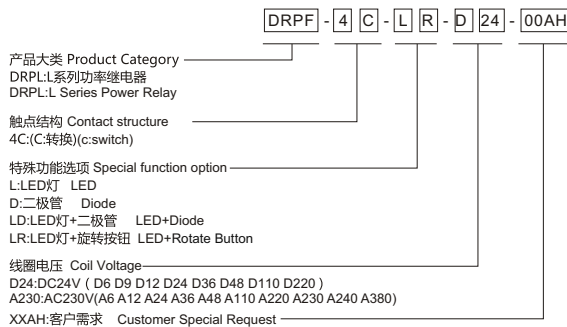


CE RoHS REACH

产品优点 Product advantages

- 体积小、灵敏度高。
- 结构合理，用途广。
- 带点动自锁式测试按钮及机械指示窗。
- 产品认证 CE RoHS REACH
- Small size, light switching power.
- High sensitivity.
- Self-lockong test button and mechanic instruction window.
- CE RoHS REACH

型号含义 Type number nomenclature



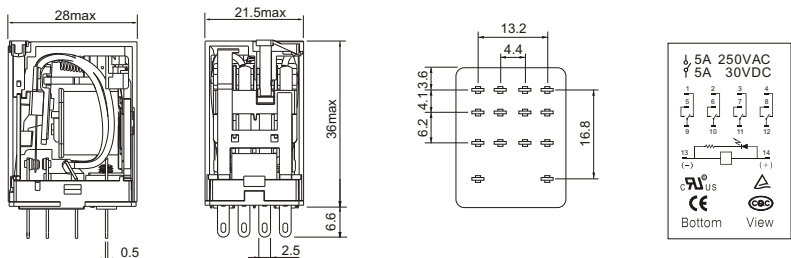
电气参数 Type number nomenclature

形式 Contact form		4C
阻性(AC-1)/马达(AC-15) Resistive(AC-1)/Motor(AC-15)		5A/250VAC,30VDC 1/3HP,240VAC 1/6HP,240VAC
接触电阻 (初始) Contact resistance(Initial)		≤50mΩ
电气寿命 (频率1S通, 1S断) Electrical life(1s on 1s off)		≥10 ⁵ 次Cycles (1800 Ops/h)
器械寿命 (300次/分钟) Mechanical life(300 Cycles/min)		≥10 ⁷ 次Cycles (18000 Ops/h)
吸合电压 (23℃) Operate voltage (at 23℃)		DC : ≤75% (Rated voltage) , AC : ≤80% (Rated voltage)
释放电压 (23℃) Release voltage (at 23℃)		DC : ≥10% (Rated voltage) , AC : ≥30% (Rated voltage)
绝缘电阻 (23℃) Insulation resistance (at 23℃)		≥500MΩ (500VDC)
线圈功率 College power consumption		DC(W)/AC(VA)
吸合时间/释放时间 (额定电压) Release time/Operate time(Rated voltage)		≤20ms/≤10ms
初始耐压 Dielectric Strength	同极触点之间 Between contacts	1000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	异极触点之间 Between contacts (different pole)	2000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	触点与线圈间 Between contact and coil	2000VAC/1min(漏电流1mA) (Leakage current 1 mA)
环境温度 Amblent temperature		-55~+70℃
环境湿度 Amblent humidity		35%~85%RH
耐冲击 Shock withstanding		10G (正弦半波脉冲: 11ms) (Half sine wave pulse:11ms)
耐振动 Vibration withstanding		10~55Hz 双振幅1.0mm Double amplitude1.0mm
安装方式 Installment method		插入式 Push-in
配套插座 Supporting socket		DPKF14A-E、DPKF14A-F

线圈规格 (23℃) Coil specification(23℃)

直流电压代号 DC	D6	D9	D12	D24	D36	D48	D110	D220		
线圈电阻Ω Coil resistance (±10%)	40	90	180	640	1500	2600	13000	42000		
交流电压代号 AC	A6	A12	A24	A36	A48	A110	A220	A230	A240	A380
线圈电阻Ω Coil resistance (±10%)	11.5	40	180	370	640	4430	13000	16500	18790	42000

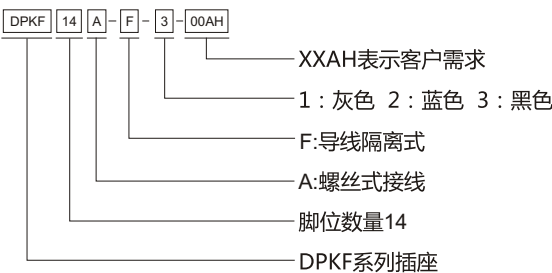
外形尺寸及安装尺寸图 Appearance and installation dimensions diagrams



产品优点 Product advantages

- DPKF14A-F-3-00AH
- 螺钉接线牢固、安全、可靠。
- 可使用导轨，安装方便。
- 分离结构，易插拔，绝缘性能好。
- It is firm , safe and reliable to use screw structure to wiring .
- Mounted on the din rail , easy to install.
- easy to plug , has good insulated capacity , separable structure.

型号含义 Type number nomenclature

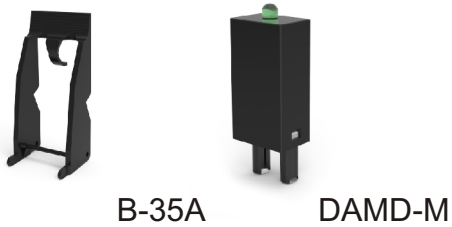


XXAH-Customer Special Request
1-Gray 2-Blue 3-Black
F : Wire Isolation
A:Screw Connection
Pin Number14
DPKF Series Socket

产品性能 Product specifications

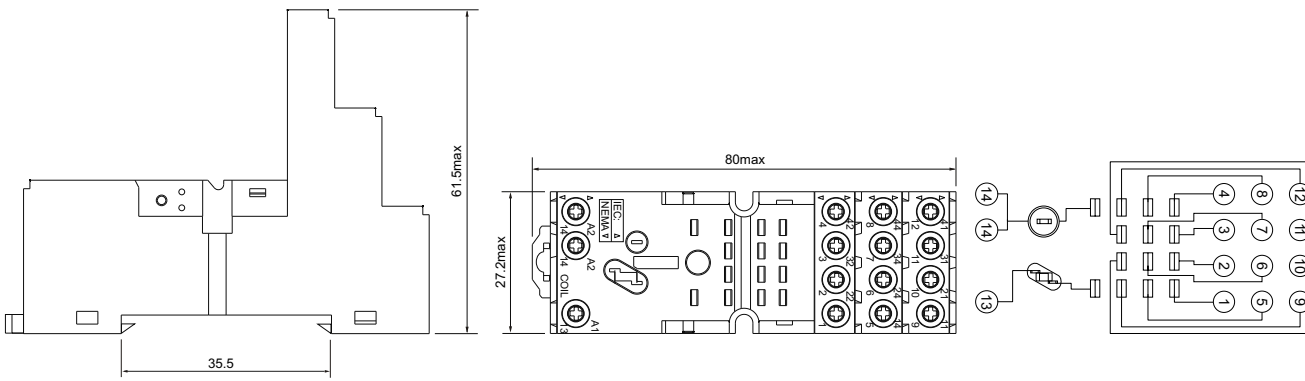
额定负载 Rated load	电流 Current	A	10
	电压 Voltage	V	300
介质耐压 Dielectric Strength	线圈/触点 Coil/Contact	V/S	4000
	触点间 Between contact	V/S	2500
螺钉扭矩 Screw torque		Nm	1.0
外连接导线 External connection wire	AWG/mm ²	20-14/0.5-2.5	
环境温度 Ambient temperature	℃	-40~+85	
配套继电器 Supporting relay	DRPF-4C		
配套附件 Supporting accessory	B-35A,DAMD-M		

附件 Accessories



B-35A DAMD-M

接线图 Wiring diagrams



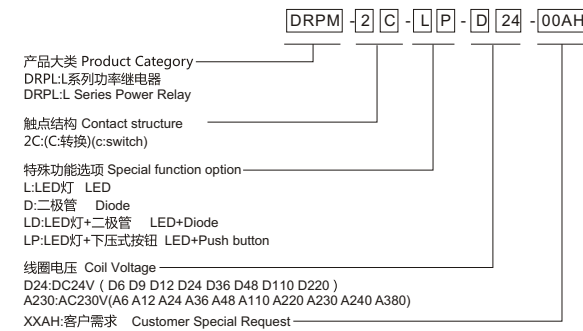


CE RoHS REACH

产品优点 Product advantages

- 体积小、灵敏度高。 • Small size, light switching power.
- 结构合理，用途广。 • High sensitivity.
- 带点动测试按钮。 • With test button.
- 产品认证 CE RoHS REACH • CE RoHS REACH

型号含义 Type number nomenclature



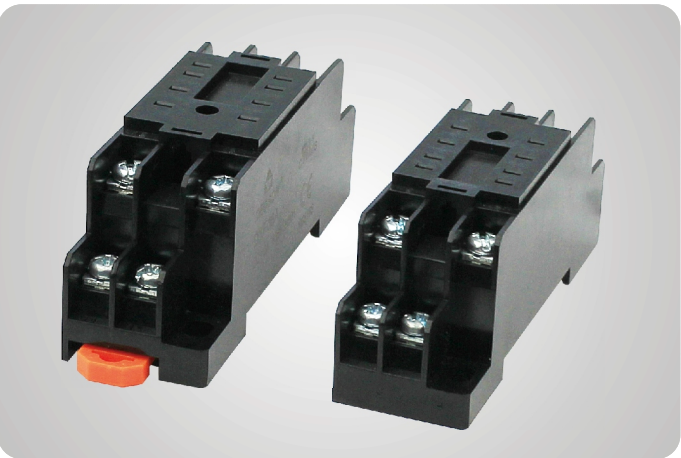
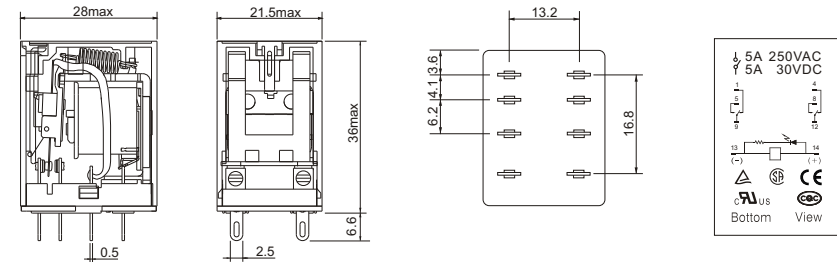
电气参数 Type number nomenclature

形式 Contact form		2C
阻性(AC-1)/马达(AC-15) Resistive(AC-1)/Motor(AC-15)		5A/250VAC,30VDC 1/6HP,240VAC
接触电阻 (初始) Contact resistance(Initial)		≤50mΩ
电气寿命 (频率1S通, 1S断) Electrical life(1s on 1s off)		≥10 ⁵ 次Cycles (1800 Ops/h)
器械寿命 (300次/分钟) Mechanical life(300 Cycles/min)		≥10 ⁷ 次Cycles (18000 Ops/h)
吸合电压 (23℃) Operate voltage (at 23℃)		DC : ≤75% (Rated voltage) , AC : ≤80% (Rated voltage)
释放电压 (23℃) Release voltage (at 23℃)		DC : ≥10% (Rated voltage) , AC : ≥30% (Rated voltage)
绝缘电阻 (23℃) Insulation resistance (at 23℃)		≥500MΩ (500VDC)
线圈功率 College power consumption	DC(W)/AC(VA)	0.9/1.2
吸合时间/释放时间 (额定电压) Release time/Operate time(Rated voltage)		≤20ms/≤10ms
初始耐压 Dielectric Strength	同极触点之间 Between contacts	1000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	异极触点之间 Between contacts (different pole)	1500VAC/1min(漏电流1mA) (Leakage current 1 mA)
	触点与线圈间 Between contact and coil	2000VAC/1min(漏电流1mA) (Leakage current 1 mA)
环境温度 Amblent temperature		-55~+70℃
环境湿度 Amblent humidity		35%~85%RH
耐冲击 Shock withstanding		10G (正弦半波脉冲: 11ms) (Half sine wave pulse:11ms)
耐振动 Vibration withstanding		10~55Hz 双振幅1.0mm Double amplitude1.0mm
安装方式 Installment method		插入式 Push-in
配套插座 Supporting socket		DPYF08A、DPYF08A-E

线圈规格 (23℃) Coil specification(23℃)

直流电压代号 DC	D6	D9	D12	D24	D36	D48	D110	D220		
线圈电阻Ω Coil resistance (±10%)	40	90	180	640	1500	2600	13000	42000		
交流电压代号 AC	A6	A12	A24	A36	A48	A110	A220	A230	A240	A380
线圈电阻Ω Coil resistance (±10%)	11.5	40	180	370	640	4430	13000	16500	18790	42000

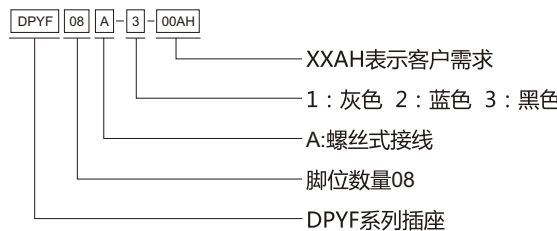
外形尺寸及安装尺寸图 Appearance and installation dimensions diagrams



产品优点 Product advantages

- 螺钉接线牢固、安全、可靠。 • It is firm , safe and reliable to use screw structure to wiring .
- 专用插座，维护方便。 • specified socket , convenient to maintain.
- 可使用导轨，安装方便。 • Mounted on the din rail , easy to install.

型号含义 Type number nomenclature

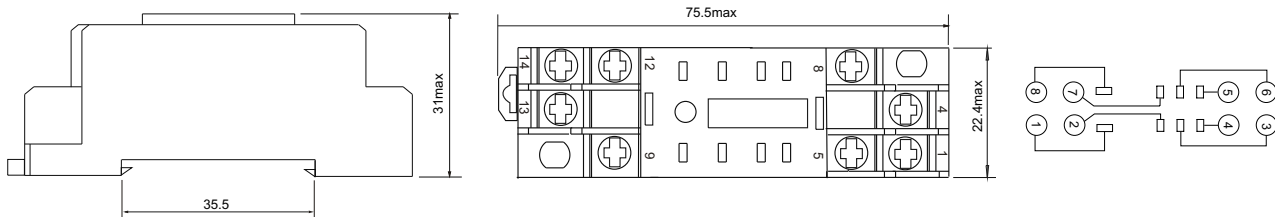


XXAH-Customer Special Request
1-Gray 2-Blue 3-Black
A:Screw Connection
Pin Number08
DPYF Series Socket

产品性能 Product specifications

额定负载 Rated load	电流 Current 电压 Voltage	A V	10 300
介质耐压 Dielectric Strength		V/S	2000
螺钉扭矩 Screw torque		Nm	1.0
外连接导线 External connection wire		AWG/mm²	20-14/0.5-2.5
环境温度 Ambient temperature		℃	-40~+85
配套继电器 Supporting relay	DRPM-2C		
配套附件 Supporting accessory	K-35B		

接线图 Wiring diagrams



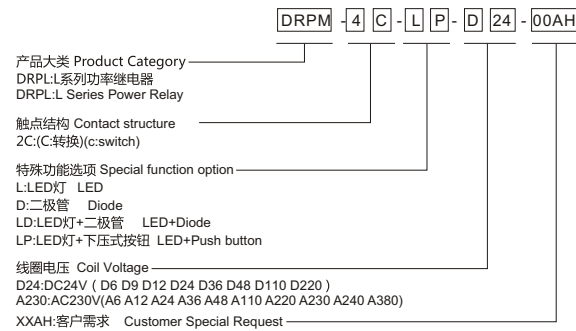


CE RoHS REACH

产品优点 Product advantages

- 体积小、灵敏度高。 • Small size, light switching power.
- 结构合理，用途广。 • High sensitivity.
- 带点动测试按钮。 • With test button.
- 产品认证 CE RoHS REACH • CE RoHS REACH

型号含义 Type number nomenclature



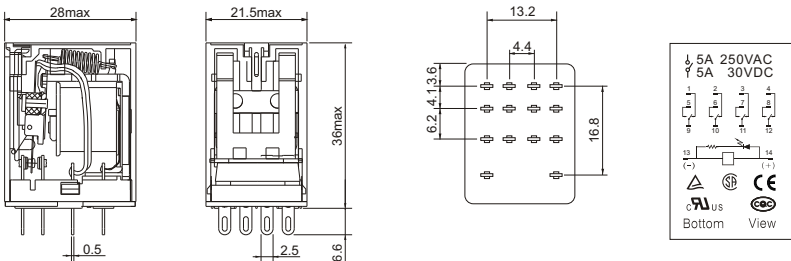
电气参数 Type number nomenclature

形式 Contact form	4C
阻性(AC-1)/马达(AC-15) Resistive(AC-1)/Motor(AC-15)	5A/250VAC,30VDC 1/6HP,240VAC
接触电阻 (初始) Contact resistance(Initial)	≤50mΩ
电气寿命 (频率1S通, 1S断) Electrical life(1s on 1s off)	≥10 ⁵ 次Cycles (1800 Ops/h)
机械寿命 (300次/分钟) Mechanical life(300 Cycles/min)	≥10 ⁷ 次Cycles (18000 Ops/h)
吸合电压 (23℃) Operate voltage (at 23℃)	DC : ≤75% (Rated voltage) , AC : ≤80% (Rated voltage)
释放电压 (23℃) Release voltage (at 23℃)	DC : ≥10% (Rated voltage) , AC : ≥30% (Rated voltage)
绝缘电阻 (23℃) Insulation resistance (at 23℃)	≥500MΩ (500VDC)
线圈功率 College power consumption	DC(W)/AC(VA) 0.9/1.2
吸合时间/释放时间 (额定电压) Release time/Operate time(Rated voltage)	≤20ms/≤20ms
初始耐压 Dielectric Strength	同极触点之间 Between contacts 1000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	异极触点之间 Between contacts (different pole) 1500VAC/1min(漏电流1mA) (Leakage current 1 mA)
	触点与线圈间 Between contact and coil 2000VAC/1min(漏电流1mA) (Leakage current 1 mA)
环境温度 Ambient temperature	-55~+70℃
环境湿度 Ambient humidity	35%~85%RH
耐冲击 Shock withstanding	10G (正弦半波脉冲: 11ms) (Half sine wave pulse:11ms)
耐振动 Vibration withstanding	10~55Hz 双振幅1.0mm Double amplitude1.0mm
安装方式 Installment method	插入式 Push-in
配套插座 Supporting socket	DPYF08A、DPYF08A-E

线圈规格 (23℃) Coil specification(23℃)

直流电压代号 DC	D6	D9	D12	D24	D36	D48	D110	D220		
线圈电阻Ω Coil resistance (±10%)	40	90	180	640	1500	2600	13000	42000		
交流电压代号 AC	A6	A12	A24	A36	A48	A110	A220	A230	A240	A380
线圈电阻Ω Coil resistance (±10%)	11.5	40	180	370	640	4430	13000	16500	18790	42000

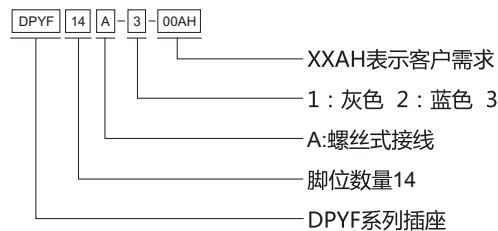
外形尺寸及安装尺寸图 Appearance and installation dimensions diagrams



产品优点 Product advantages

- 螺钉接线牢固、安全、可靠。 • It is firm , safe and reliable to use screw structure to wiring .
- 专用插座，维护方便。 • specified socket , convenient to maintain.
- 可使用导轨，安装方便。 • Mounted on the din rail , easy to install.

型号含义 Type number nomenclature



产品性能 Product specifications

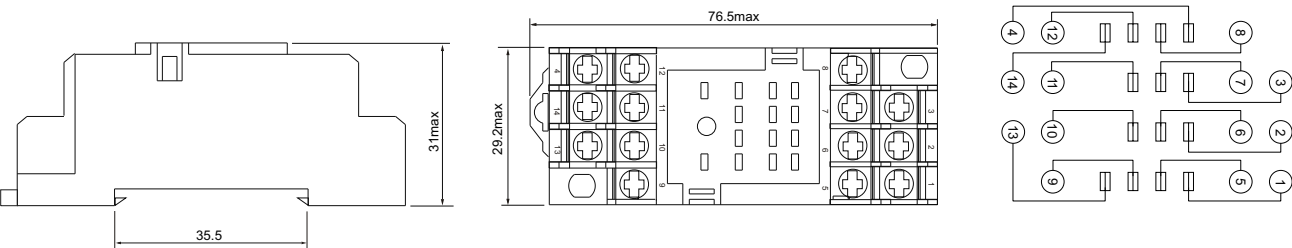
额定负载 Rated load	电流 Current	A	7
	电压 Voltage	V	300
介电耐压 Dielectric Strength	V/S	2000	
螺钉扭矩 Screw torque	Nm	1.0	
外连接导线 External connection wire	AWG/mm²	20-14/0.5-2.5	
环境温度 Ambient temperature	℃	-40~+85	
配套继电器 Supporting relay	DRPF-4C		
配套附件 Supporting accessory	K-35B		

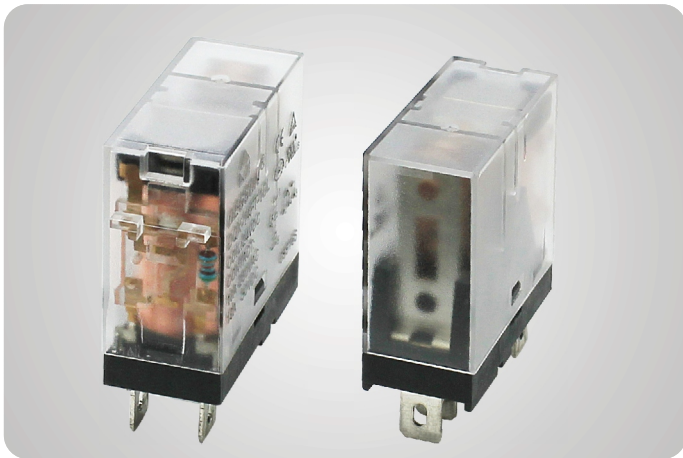
附件 Accessories



K-35B

接线图 Wiring diagrams



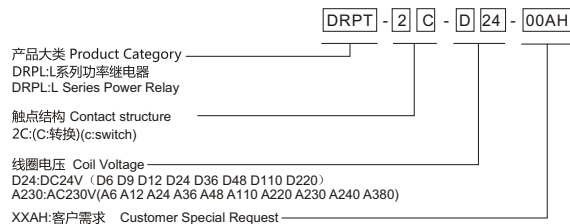


CE RoHS REACH

产品优点 Product advantages

- 体积小安装方便。 • Miniature size, light switching power.
- 触点负载大。 • High switching capacity.
- 灵敏度高。 • High sensitivity.
- 产品认证 CE RoHS REACH • CE RoHS REACH

型号含义 Type number nomenclature



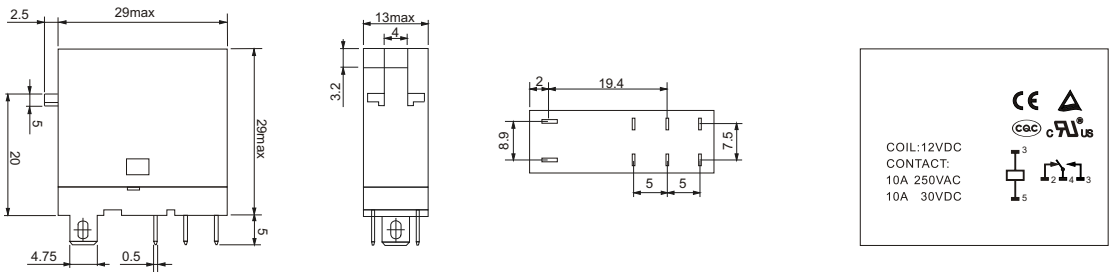
电气参数 Type number nomenclature

形式 Contact form	2C
阻性(AC-1)/马达(AC-15) Resistive(AC-1)/Motor(AC-15)	5A, 8A/250VAC, 30VDC 1/6HP, 240VAC
接触电阻 (初始) Contact resistance (Initial)	≤50mΩ
电气寿命 (频率1S通, 1S断) Electrical life (1s on 1s off)	≥10 ⁵ 次 Cycles (1800 Ops/h)
机械寿命 (300次/分钟) Mechanical life (300 Cycles/min)	≥10 ⁷ 次 Cycles (18000 Ops/h)
吸合电压 (23℃) Operate voltage (at 23℃)	DC: ≤75% (Rated voltage), AC: ≤80% (Rated voltage)
释放电压 (23℃) Release voltage (at 23℃)	DC: ≥10% (Rated voltage), AC: ≥30% (Rated voltage)
绝缘电阻 (23℃) Insulation resistance (at 23℃)	≥1000MΩ (500VDC)
线圈功率 Coil power consumption	DC(W)/AC(VA) 0.53/1.0
吸合时间/释放时间 (额定电压) Release time/Operate time (Rated voltage)	≤20ms/≤20ms
初始耐压 Dielectric Strength	同极触点之间 Between contacts 1000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	异极触点之间 Between contacts (different pole) 1000VAC/1min(漏电流1mA) (Leakage current 1 mA)
	触点与线圈间 Between contact and coil 5000VAC/1min(漏电流1mA) (Leakage current 1 mA)
环境温度 Ambient temperature	-40~+55℃
环境湿度 Ambient humidity	35%~85%RH
耐冲击 Shock withstanding	10G (正弦半波脉冲: 11ms) (Half sine wave pulse: 11ms)
耐振动 Vibration withstanding	10~55Hz 双振幅1.0mm Double amplitude 1.0mm
安装方式 Installment method	插入式 Push-in
配套插座 Supporting socket	DSRT08A-F

线圈规格 (23℃) Coil specification (23℃)

直流电压代号 DC	D6	D9	D12	D24	D36	D48	D110	D220		
线圈电阻Ω Coil resistance (±10%)	40	90	180	640	1500	2600	13000	42000		
交流电压代号 AC	A6	A12	A24	A36	A48	A110	A220	A230	A240	A380
线圈电阻Ω Coil resistance (±10%)	11.5	40	180	370	640	4430	13000	16500	18790	42000

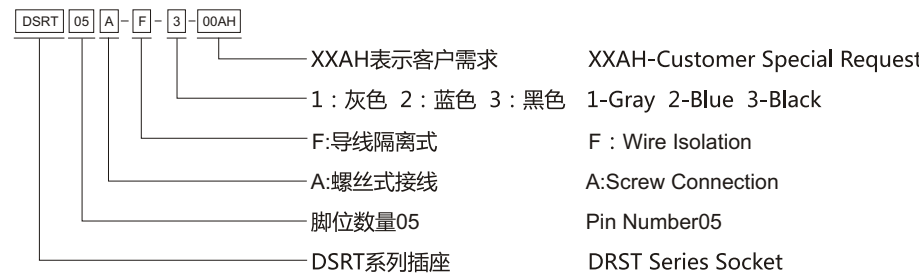
外形尺寸及安装尺寸图 Appearance and installation dimensions diagrams



产品优点 Product advantages

- 可使用导轨, 安装方便。 • Mounted on the din rail, easy to install.
- 专用插座, 维护方便。 • specified socket, convenient to maintain.
- 分离结构, 易插拔, 绝缘性能好。 • easy to plug, has good insulated capacity, separable structure.

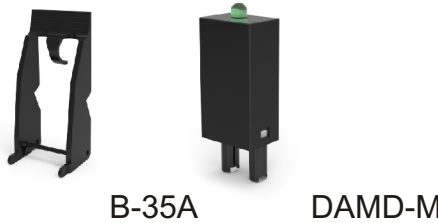
型号含义 Type number nomenclature



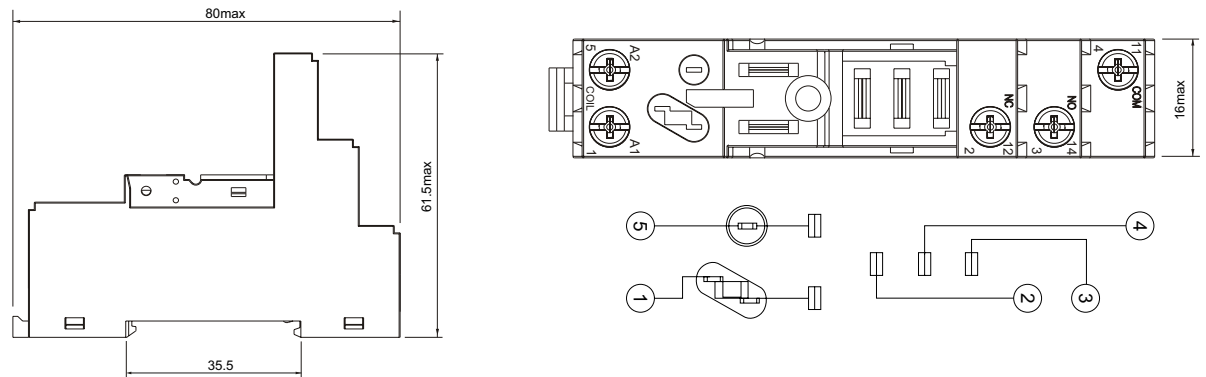
产品性能 Product specifications

额定负载 Rated load	电流 Current	A	16
	电压 Voltage	V	300
介电耐压 Dielectric Strength	线圈/触点 Coil/Contact	V/S	4000
	触点间 Between contact	V/S	2500
螺钉扭矩 Screw torque		Nm	1.0
外连接导线 External connection wire		AWG/mm²	20-14/0.5-2.5
环境温度 Ambient temperature		℃	-40~+85
配套继电器 Supporting relay			PRPT-2C
配套附件 Supporting accessory			B-35A, DAMD-M

附件 Accessories



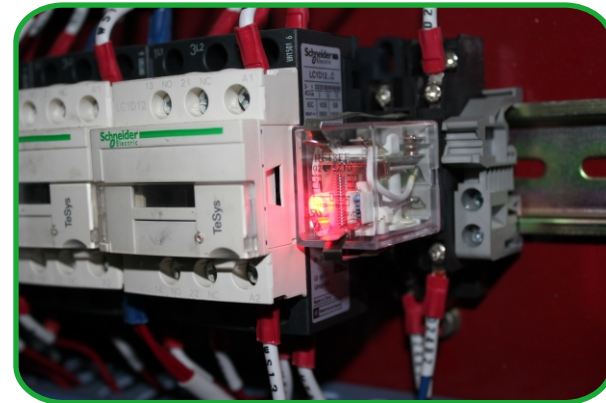
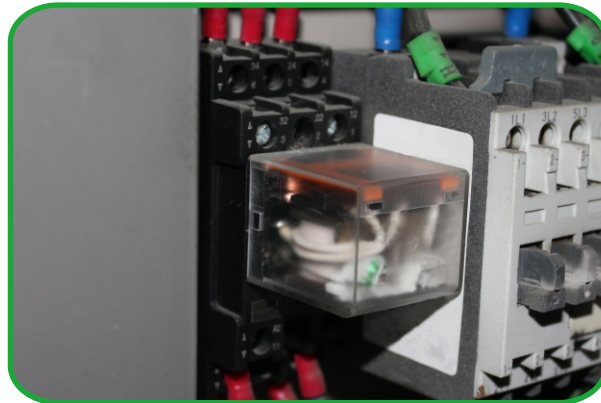
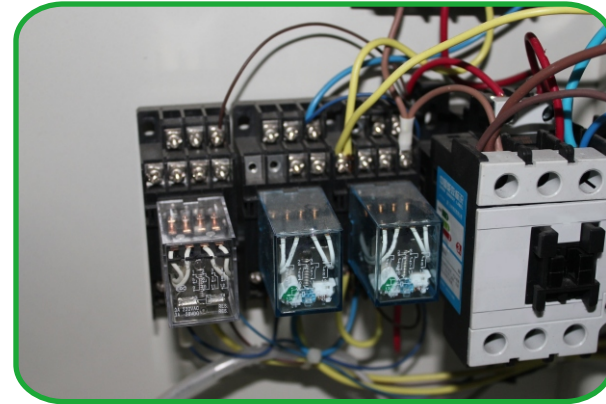
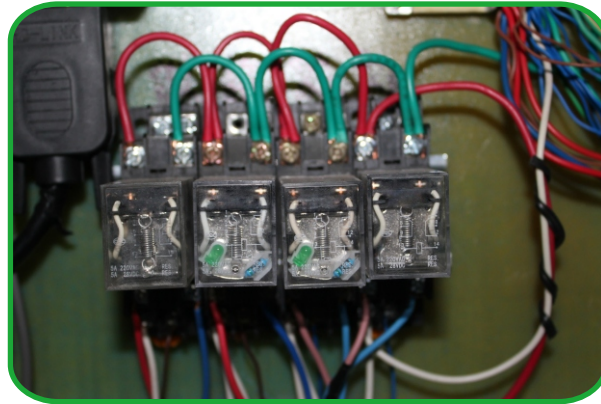
接线图 Wiring diagrams



DEGSON高正(高松)电子有限公司创建于1990年,是亚洲最大接线端子和精密模具专业制造商之一,是亚洲首家拥有美国UL和德国VDE认可专业实验室的企业。DEGSON从产品研发、零件生产、组装测试、营销售后,一条龙产业链。产品畅销中国、德国、英国、意大利、西班牙、波兰、俄罗斯、印度、土耳其、巴西、美国、日本、韩国、南非...等70多个国家和地区,其端子及继电器等工控产品,为全球工业自动化、仪器仪表、电梯、电力电气、轨道交通、新能源、照明、通讯、电源、安防、船舶等行业,提供优良的产品和服务。DEGSON在全球建立了完善的销售网络,在德国和上海建立了营销中心,20多年来DEGSON以务实诚信、责任创新、和谐发展、规则共赢的企业精神,更好地为客户提供更快捷、全面、专业的本地化服务。

Founded in 1990, DEGSON Electronics Co., Ltd. is one of the largest manufacturers of terminal blocks and precise moulds in Asia. It also owns the first UL and VDE authorized laboratory in Asia. DEGSON provide the product line of all the processes including R&D, production of component, assembly, test and sales. The products are very popular in China, Germany, UK, Italy, Spain, Poland, Russia, India, Turkey, Brazil, USA, Japan, Korea, South Africa and etc. Totally more than 70 countries and areas. Our industrial automation products like terminal blocks and relays provides excellent products and service to the customers all over the world, especially in Industrial Automation, Instrument, Elevator, Electric Power, Rail Transportation, New Energy, Lighting, Telecommunication, Power Supply, Security, Shipping and etc. DEGSON fulfill the sales network all over the world and set the Marketing center in Germany and Shanghai, China. Pragmatic, Sincerity, Responsibility, Innovation, Harmonious, Development, Rule and Win-win. In accordance with these spirit of enterprise for 26 years, DEGSON will keep providing more speedy, comprehensive and professional local service.

应用图例



政策

DEGSON® 认识到保护环境资源的重要性,并将其视为公司对社会应尽的义务,自觉满足产品的各项环保指标,为此我们制定以下环境战略方针:

- 1、满足客户需求,遵守国家和地方的法律、法规和其它环保要求。
- 2、环境保护为公司可持续发展的一项准则,坚持质量、效益和环保全面发展。
- 3、建立厂内废弃物管理,充分考虑在产品开发、生产、材料使用和废弃物处理等过程中可能影响环境的因素,提高企业内各场所的环境质量。
- 4、实施培训,全面提升全员的环境保护意识,实现环境管理体系和对环境保护能力的持续改进。
- 5、降耗节能,实现资源的充分利用。
- 6、向合作方及社会承诺为环境保护做出贡献。响应口号“人类只有一个地球”。
- 7、不断创新,开发新材料、新技术,制造节约型环保产品。

ENVIRONMENTAL POLICY

DEGSON realizes system regulation without lead in 2005 and has been granted ISO14001 in 2006. All the products conform to the European ROHS requirement.

DEGSON realizes the importance to protect environment resources, selfconsciously meets environment protection requirements for products and regards it as the responsibility. Thus, we have made the following environment strategic policy:

- 1、To meet customers' demands and obey the national and local laws and regulations as well as other environmental protection requirements.
- 2、Take environmental protection as one criterion for continuing development of our company. Insist on fully development of quality, benefit and environmental protection.
- 3、Fully considering the factors which will influence the environment in the processes of product development, manufacturing, material usage and waste processing, establish management system of waste in order to improve the environment of our company.
- 4、To increase the employees' consciousness of environmental protection through training and to realize the continuing improvement of environment management system and the ability of environmental protection.
- 5、To make full use of resources and to decrease consumption of material in order to save energy.
- 6、To promise to our partners and society that we will make contribution to environment protection. There is only one Earth for our humanity.
- 7、To strive for making conservation-oriented and environment-friendly products through continuous innovation and developing new materials and technology.