

Product data sheet

Specifications

SQUARE D



Circuit breaker, PowerPacT P, 1000A, 3 pole, 600VAC, 18kA, lugs, Micrologic 5.0P, 100%, modbus, motor op

PGL36100CU63AE1MO

Main

Range	PowerPact
Product name	PowerPact P
Product or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	1000 A
Number of Poles	3P
Control Type	Motor mechanism
Breaking capacity code	G
Breaking capacity	AIR 65 kA 240 V AC 50/60 Hz UL 489 AIR 35 kA 480 V AC 50/60 Hz UL 489 AIR 18 kA 600 V AC 50/60 Hz UL 489 Icu 50 kA 240 V AC 50/60 Hz IEC 60947-2 Icu 35 kA 380/415 V AC 50/60 Hz IEC 60947-2
[Ue] rated operational voltage	600 V AC 50/60 Hz UL 489
Network Frequency	50/60 Hz
[Ics] rated service breaking capacity	25 kA 240 V AC 50/60 Hz IEC 60947-2 20 kA 380/415 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2
Trip unit technology	Electronic, power, MicroLogic 5.0 P, LSI
Continuous current rating	100 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	MicroLogic 5.0 P
Accessory / separate part type	Modbus connecting cable Motor operator 24...30 V DC
AWG gauge	4 x AWG 3/0...500 kcmil aluminium/copper
Local signalling	1 trip indicator (green)
Electrical connection	Lugs, load Lugs, line
Terminal identifier	AL1200P25K
Long time pick-up adjustment range	0.4...1 x Ir
Tightening torque	442.5 lbf.in (50 N.m) 0.1...0.4 in ² (95...240 mm ²) (4 x AWG 3/0...500 kcmil) 8.9...11.5 lbf.in (1.0...1.3 N.m)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of slots	2 auxiliary switch OF plug-in 1 alarm switch SD plug-in 1 overcurrent trip switch SDE plug-in 1 voltage release MN or MX plug-in
Power wire stripping length	1.2 in (30 mm)
Height	16.16 in (410.46 mm)
Width	8.27 in (210.06 mm)
Depth	8.05 in (204.47 mm)
Product Weight	32 lb(US) (14.5 kg)
Quantity per Set	1
Communication interface	Modbus
Circuit breaker application	HACR rated

Environment

Quality labels	CE
Standards	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
Product certifications	UL CSA NOM
IP degree of protection	Front cover IP40
Pollution degree	3 IEC 60947-1
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-58...185 °F (-50...85 °C)
Operating altitude	< 6561.68 ft (2000 m) without derating 13123.36 ft (4000 m) with derating

Ordering and shipping details

Category	01215-PG,H,J,K,L,N UNIT MT BREAKERS
Discount Schedule	DE2
GTIN	785901956754
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	16.1 in (41.0 cm)
Package 1 Width	8.3 in (21.0 cm)
Package 1 Length	8.03 in (20.4 cm)
Package weight(Lbs)	32.0001 lb(US) (14.515 kg)

Contractual warranty



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	1 248 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	108 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4 kg CO2 eq.
Carbon footprint of the installation phase [A5]	3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	1 113 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	19 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	B0d2ea44-26d2-4712-b2b4-fc2b3aef1840
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
PVC free	Yes

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	77
Circularity Profile	End of Life Information
Removable battery	Yes
Take-back	No