Product data sheet

Specifications

Circuit breaker, PowerPacT P, 800A, 3 pole, 600VAC, 18kA, lugs, Micrologic 3.0, 100%, motor op

PGL36080CU31AMO

Main

Range	PowerPact
Product Name	PowerPact P
Product Or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	800 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, standard, MicroLogic 3.0, LI
Continuous Current Rating	100 %
[Ui] Rated Insulation Voltage	750 V IEC 60947-2
Trip Unit Name	MicroLogic 3.0
Accessory / Separate Part Type	Motor operator 24...30 V DC
Awg Gauge	3 x AWG 3/0...500 kcmil aluminium/copper
Local Signalling	Overload 1 1 LED amber) 1 trip indicator green)
Electrical Connection	Lugs, load Lugs, line
Terminal Identifier	AL800M23K
Long Time Pick-Up Adjustment Range	0.4...1 x Ir
Tightening Torque	442.54 lbf.in (50 N.m) 0.15…0.37 in² (95…240 mm²) (3 x AWG 3/0...500 kcmil) 8.85…11.51 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.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	0.98 in (25 mm)
Height	12.86 in (326.64 mm)
Width	8.27 in (210.06 mm)
Depth	8.05 in (204.47 mm)
Net Weight	32 lb(US) (14.51 kg)
Quantity Per Set	1
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	28…158 °F (-2…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	785901956679
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	12.87 in (32.7 cm)
Package 1 Width	8.27 in (21.0 cm)
Package 1 Length	8.03 in (20.4 cm)
Package 1 Weight	32.00 lb(US) (14.515 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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