





Circuit breaker, PowerPacT P, 1000A, 2 pole, 480VAC, 100kA, lugs, ET1.0l, 80%

PLL24100

Main

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

Complementary

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Line Rated Current	1000 A	
Number Of Poles	2P	
Control Type	Toggle	
Breaking Capacity Code	L	
Breaking Capacity	AIR 125 kA 240 V AC 50/60 Hz UL 489 AIR 100 kA 480 V AC 50/60 Hz UL 489 AIR 25 kA 600 V AC 50/60 Hz UL 489 Icu 125 kA 240 V AC 50/60 Hz IEC 60947-2 Icu 85 kA 380/415 V AC 50/60 Hz IEC 60947-2	
[Ue] Rated Operational Voltage	480 V AC 50/60 Hz UL 489	
Network Frequency	50/60 Hz	
[Ics] Rated Service Breaking Capacity	65 kA 240 V AC 50/60 Hz IEC 60947-2 45 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, basic, ET 1.0I, I	
Continuous Current Rating	80 %	
[Ui] Rated Insulation Voltage	750 V IEC 60947-2	
Trip Unit Name	ET 1.0I	
Awg Gauge	4 x AWG 3/0500 kcmil aluminium/copper	
Local Signalling	1 trip indicator green)	
Mounting Mode	Unit mount lug)	
Mounting Support	Lug	
Electrical Connection	Lugs, line Lugs, load	
Terminal Identifier	AL1200P25K	
Long Time Pick-Up Adjustment Range	ustment 1 In	
Tightening Torque	442.54 lbf.in (50 N.m) 0.150.37 in² (95240 mm²) (4 x AWG 3/0500 kcmil) 8.8511.51 lbf.in (1.01.3 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	1.18 in (30 mm)	
Height	16.16 in (410.46 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	28158 °F (-270 °C)	
Ambient Air Temperature For Storage	-58185 °F (-5085 °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	
Returnability	No	
Country Of Origin	US	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	16.14 in (41.0 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



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

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



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