



Main

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

Complementary

Line Rated Current	800 A
Number of Poles	3P
Control type	Operating handle
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 50 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	600 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, standard, MicroLogic 3.0, LI
Continuous current rating	100 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	MicroLogic 3.0
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	AWG 3/0...750 kcmil aluminium/copper
Local signalling	Alarm 1 LED yellow(long-time pick up)
Mounting mode	Unit mount busbar)
Mounting Support	Busbar
Electrical connection	Busbar connection, line Busbar connection, load
Terminal identifier	AL2500RK
Tightening torque	601.85 Lbf.in (68 N.m) 0.08...0.62 in ² (50...400 mm ²) (AWG 1/0...750 kcmil) 601.85 lbf.in (68 N.m) 0.08...0.23 in ² (50...150 mm ²) (2 x AWG 1/0...2 x 300 kcmil)
Number of slots	2 auxiliary switch OF plug-in) 1 alarm switch SD plug-in) 1 voltage release MN or MX plug-in)
Power wire stripping length	1.38 in (35 mm)
Height	16.24 in (412.50 mm)
Width	16.54 in (420.12 mm)
Depth	14.49 in (368.05 mm)
Net Weight	52 lb(US) (23.59 kg)

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Quantity per Set	1
Circuit breaker application	HACR rated

Environment

Quality labels	CE
Standards	UL CSA NEMA NMX J-266 IEC 60947-2
Product certifications	UL[RETURN]CSA[RETURN]NOM
IP degree of protection	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	01245-RG,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 Weight	52.00 lb(US) (23.587 kg)

Contractual warranty

Warranty	18 months
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