



Main

Range	PowerPact
Product name	PowerPact R
Product or component type	Circuit breaker
Device application	Distribution

Complementary

[In] rated current	1000 A
Number of Poles	3P
Control type	Operating handle
Breaking capacity code	G
Breaking capacity	AIR 65 kA at 240 V AC 50/60 Hz conforming to UL 489 AIR 35 kA at 480 V AC 50/60 Hz conforming to UL 489 AIR 18 kA at 600 V AC 50/60 Hz conforming to UL 489 Icu 50 kA at 240 V AC 50/60 Hz conforming to IEC 60947-2 Icu 35 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2
[Ue] rated operational voltage	600 V AC 50/60 Hz conforming to UL 489
Network frequency	50/60 Hz
[Ics] rated service breaking capacity	25 kA at 240 V AC 50/60 Hz conforming to IEC 60947-2 20 kA at 380/415 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	8 kV conforming to IEC 60947-2
Trip unit technology	Electronic, standard, MicroLogic 5.0, LSI
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V conforming to IEC 60947-2
Trip unit name	MicroLogic 5.0
Suitability for isolation	Yes conforming to 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	62 N.M for 50...400 mm ² (AWG 1/0...750 kcmil) 62 N.m for 50...150 mm ² (2 x AWG 1/0...2 x 300 kcmil)
Number of slots	2 slot(s) for auxiliary switch OF (plug-in) 1 slot(s) for alarm switch SD (plug-in) 1 slot(s) for voltage release MN or MX (plug-in)
Power wire stripping length	35 mm
Height	412.50 mm
Width	420.12 mm
Depth	368.05 mm

Net weight	23.59 kg
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 conforming to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-50...85 °C
Operating altitude	< 2000 m without derating 4000 m with derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	33.02 cm
Package 1 Width	50.8 cm
Package 1 Length	50.8 cm
Package 1 Weight	23.587 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

Contractual warranty

Warranty	18 months
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