RJA36120CU64AE1

Circuit breaker, PowerPacT R, 1200A, 3 pole, 600VAC, 25kA, I-Line, Micrologic 6.0P, 100%, modbus

Green Premium™ Product

Main

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

Complementary

Line Rated Current	1200 A
Number of Poles	3P
Control type	Operating handle
Breaking capacity code	J
Breaking capacity	AIR 100 kA 240 V AC 50/60 Hz UL 489 AIR 65 kA 480 V AC 50/60 Hz UL 489 AIR 25 kA 600 V AC 50/60 Hz UL 489 Icu 65 kA 240 V AC 50/60 Hz IEC 60947-2 Icu 50 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	35 KA 240 V AC 50/60 Hz IEC 60947-2 25 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 6.0 P, LSIG
Continuous current rating	100 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	MicroLogic 6.0 P
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	4 x AWG 3/0…600 kcmil aluminium/copper 4 x AWG 3/0...500 kcmil copper
Local signalling	Alarm 1 LED yellow)long-time pick up) 1 LED red)long-time pick up) Trip causes 1 LED red) 1 LED red)digital ammeter) Ground indicator 1 LED red) Phase-loading LED green)load balancing)
Mounting mode	I-Line bracket)
Mounting Support	Bracket
Electrical connection	I-Line connection, line Lugs, load
Terminal identifier	AL1200R53K
Tightening torque	247.82 lbf.in (28 N.m) 0.15…0.37 in² (95…240 mm²) (4 x AWG 3/0…600 kcmil)
Number of slots	2 auxiliary switch OF plug-in)[RETURN]1 alarm switch SD plug-in)[RETURN]1 voltage release MN or MX plug-in)
Power wire stripping length	1.18 in (30 mm)

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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)
Quantity per Set	1
Communication interface	Modbus
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	01240-RG,H,J,K,L,N I-LINE BREAKERS
Discount Schedule	DE2
GTIN	785901067665
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.39 in (34.0 cm)
Package 1 Width	14.96 in (38.0 cm)
Package 1 Length	13.78 in (35.0 cm)
Package 1 Weight	52.00 lb(US) (23.587 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
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
PVC free	Yes
Halogen content performance	Halogen free plastic parts product

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Contractual warranty

Warranty	18 months