



PowerPact

PowerPact R

Circuit breaker, PowerPacT R, 1200A, 3 pole, 600VAC, 18kA, I-Line, Micrologic 5.0A, 100%

RGA36120CU43A

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 5,890.00 USD

Main Range

Product name

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	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, ammeter, MicroLogic 5.0 A, LSI	
Continuous current rating	100 %	
[Ui] rated insulation voltage	750 V IEC 60947-2	
Trip unit name	MicroLogic 5.0 A	
Suitability for isolation	Yes IEC 60947-2	
Utilisation category	Category A	
AWG gauge	4 x AWG 3/0600 kcmil aluminium/copper	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

4 x AWG 3/0...500 kcmil copper

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)

Phase-loading LED green)load balancing)

I-Line bracket)

Local signalling

Mounting mode

Mounting Support	Bracket	
Electrical connection	I-Line connection, line Lugs, load	
Terminal identifier	AL1200R53K	
Tightening torque	442.5 lbf.in (50 N.m) 0.10.5 in² (95300 mm²) (4 x AWG 3/0600 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	1.2 in (30 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) (23.6 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 CSA NOM	
IP degree of protection	IP40	
Pollution degree	3 IEC 60947-1	
Ambient Air Temperature for Operation	-13158 °F (-2570 °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	US10DE201240	
Discount Schedule	0DE2	
GTIN	3606486286937	
Returnability	Yes	
Country of origin	US	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	12.008 in (30.5 cm)	
Package 1 Width	19.09 in (48.5 cm)	
Package 1 Length	19.3 in (48.9 cm)	

Package 1 Weight

52.0005 lb(US) (23.587 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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	
②	Rohs Exemption Information	Yes
②	Halogen Free Plastic Parts Product	
⊘	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
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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"

Technical Illustration

Dimensions

