





PowerPact

PowerPact R

Circuit breaker, PowerPacT R, 1200A, 3 pole, 600VAC, 50kA, busbar, Micrologic 5.0A, 100%

RLF36120CU43A

Product availability: Stock - Normally stocked in distribution

Price\*: 49,791.00 USD

#### Main Range

**Product Name** 

**Mounting Mode** 

**Mounting Support** 

| 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                   | L   |
| Breaking Capacity                        | AIR 125 kA 240 V AC 50/60 Hz UL 489<br>AIR 100 kA 480 V AC 50/60 Hz UL 489<br>AIR 50 kA 600 V AC 50/60 Hz UL 489<br>Icu 125 kA 240 V AC 50/60 Hz IEC 60947-2<br>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<br>Capacity | 65 kA 240 V AC 50/60 Hz IEC 60947-2<br>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, 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                                | AWG 3/0750 kcmil aluminium/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) Phase-loading LED green)load balancing)  |

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

Unit mount busbar)

Busbar

| Electrical Connection       | Busbar connection, line<br>Busbar connection, load   |
|-----------------------------|--|
| Terminal Identifier         | AL2500RK   |
| Tightening Torque           | 601.85 lbf.in (68 N.m) 0.080.62 in² (50400 mm²) (AWG 1/0750 kcmil)<br>601.85 lbf.in (68 N.m) 0.080.23 in² (50150 mm²) (2 x AWG 1/02 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)   |
| Quantity Per Set            | 1  |
| Circuit Breaker Application | HACR rated   |

### **Environment**

| Quality Labels                        | CE   |
|---------------------------------------|--|
| Standards                             | UL<br>CSA<br>NEMA<br>NMX J-266<br>IEC 60947-2                                |
| Product Certifications                | UL<br>CSA<br>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<br>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                                 |
| Gtin              | 3606486286807                       |
| Returnability     | No                                  |
| Country Of Origin | US                                  |

# **Packing Units**

| Unit Type Of Package 1       | PCE                      |
|------------------------------|--------------------------|
| Number Of Units In Package 1 | 1                        |
| Package 1 Height             | 16.22 in (41.2 cm)       |
| Package 1 Width              | 16.54 in (42.0 cm)       |
| Package 1 Length             | 14.49 in (36.8 cm)       |
| Package 1 Weight             | 52.00 lb(US) (23.587 kg) |

# **Contractual warranty**

Warranty

Apr 23, 2024

18 months

### Sustainability Green Premium

**Green Premium<sup>TM</sup> 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-CO<sub>2</sub> 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                       |
|----------|------------------------------------|
| <b>Ø</b> | Rohs Exemption Information Yes     |
| <b>⊘</b> | Pvc Free                           |
| <b>⊘</b> | Halogen Free Plastic Parts Product |

#### **Certifications & Standards**

| Eu Rohs Directive               | Compliant  |
|---------------------------------|--|
|                                 | EU RoHS Declaration  |
| China Rohs Regulation           | China RoHS declaration   |
|                                 | Product out of China RoHS scope. Substance declaration for your information.   |
| <b>Environmental Disclosure</b> | 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 |