





Circuit breaker, PowerPacT R, 2500A, 3 pole, 600VAC, 65kA, busbar, Micrologic 3.0, 80%

RKF36250U31A

Main

| Range | PowerPact |
|---------------------------|-----------------|
| Product Name | PowerPact R |
| Product Or Component Type | Circuit breaker |
| Device Application | Distribution |

Complementary

| • | |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Line Rated Current | 2500 A |
| Number Of Poles | 3P |
| Control Type | Operating handle |
| Breaking Capacity Code | К |
| Breaking Capacity | AIR 65 kA 240 V AC 50/60 Hz UL 489 AIR 65 kA 480 V AC 50/60 Hz UL 489 AIR 65 kA 600 V AC 50/60 Hz UL 489 Icu 85 kA 240 V AC 50/60 Hz IEC 60947-2 Icu 70 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 55 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 | 80 % |
| [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 3/0750 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 |

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

| Tightening Torque | 548.75 lbf.in (62 N.m) 0.080.62 in² (50400 mm²) (AWG 1/0750 kcmil) 548.75 lbf.in (62 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 |
| | 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 | 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 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 | 109.00 lb(US) (49.442 kg) |

Contractual warranty

Warranty 18 months



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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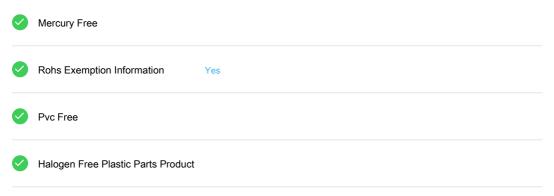
Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Certifications & Standards

| 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 |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Circularity Profile | End of Life Information |
| Environmental Disclosure | Product Environmental Profile |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information. |
| Eu Rohs Directive | Compliant with Exemptions |
| Reach Regulation | REACh Declaration |