



Main

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

Complementary

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| Line Rated Current | 2000 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, 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 3/0...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 | 548.7 Lbf.in (62 N.m) 0.08...0.6 in ² (50...400 mm ²) (AWG 1/0...750 kcmil) 548.7 Lbf.in (62 N.m) 0.08...0.2 in ² (50...150 mm ²) (2 x AWG 1/0...2 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 | 1.4 in (35 mm) |
| Height | 16.24 in (412.50 mm) |
| Width | 16.54 in (420.12 mm) |
| Depth | 14.49 in (368.05 mm) |

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| Net Weight | 52 lb(US) (23.6 kg) |
| Quantity per Set | 1 |
| Circuit breaker application | HACR rated |

Environment

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| 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

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|-------------------|--------------|
| Category | US10DE201245 |
| Discount Schedule | 0DE2 |
| GTIN | 785901413110 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

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|------------------------------|----------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 74.0004 lb(US) (33.566 kg) |

Offer Sustainability

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| 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 |

Contractual warranty

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| Warranty | 18 months |
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