



Main

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

Complementary

| | |
|--|---|
| Line Rated Current | 600 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, basic, ET 1.0, |
| Magnetic tripping current | 1200...6000 A |
| Continuous current rating | 80 % |
| [Ui] rated insulation voltage | 750 V IEC 60947-2 |
| Trip unit name | ET 1.0 |
| Suitability for isolation | Yes IEC 60947-2 |
| Utilisation category | Category A |
| AWG gauge | 3 x AWG 3/0...3 x 500 kcmil aluminium/copper |
| Local signalling | 1 trip indicator (green) |
| Mounting mode | I-Line (bracket) |
| Mounting Support | Bracket |
| Electrical connection | I-Line connection line Lugs load |
| Terminal identifier | AL800M23K |
| Long time pick-up adjustment range | 300...800 A |
| Mounting Height | 9 in (228.60 mm) |
| Tightening torque | 442.54 lbf.in (50 N.m) 0.15...0.37 in ² (95...240 mm ²) (3 x AWG 3/0...3 x 500 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 | 0.98 in (25 mm) |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|------------------|----------------------|
| Color | Black |
| Height | 12.86 in (326.64 mm) |
| Width | 8.27 in (210.06 mm) |
| Depth | 8.05 in (204.47 mm) |
| Net Weight | 29 lb(US) (13.15 kg) |
| Quantity per Set | 1 |

Environment

| | |
|---------------------------------------|--|
| Quality labels | CE |
| Standards | UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2 |
| Product certifications | UL CSA 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 | 01200-MG, MJ I-LINE BREAKER |
| Discount Schedule | DE2 |
| GTIN | 00785901504757 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 29.19 lb(US) (13.24 kg) |
| Returnability | No |
| Country of origin | US |

Packing Units

| | |
|------------------------|----------------------|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 10.60 in (26.924 cm) |
| Package 1 width | 12.00 in (30.48 cm) |
| Package 1 Length | 18.30 in (46.482 cm) |

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 EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| PVC free | Yes |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|