# **Product data sheet**

Specifications







### Circuit breaker, PowerPacT M, 600A, 3 pole, 600VAC, 18kA, lugs, ET 1.0, 80%

MGL36600

Product availability: Stock - Normally stocked in distribution facility

### Price\*: 7,560.00 USD

### 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                    | G  |  |
| Breaking Capacity                         | AIR 65 kA 240 V AC 50/60 Hz UL 489<br>AIR 35 kA 480 V AC 50/60 Hz UL 489<br>AIR 18 kA 600 V AC 50/60 Hz UL 489<br>Icu 50 kA 240 V AC 50/60 Hz IEC 60947-2<br>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<br>Capacity  | 25 kA 240 V AC 50/60 Hz IEC 60947-2<br>20 kA 380/415 V AC 50/60 Hz IEC 60947-2   |  |
| [Uimp] Rated Impulse Withstand<br>Voltage | 8 kV IEC 60947-2   |  |
| Trip Unit Technology                      | Electronic, basic, ET 1.0,   |  |
| Magnetic Tripping Current                 | 12006000 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 3/03 x 500 kcmil aluminium/copper  |  |
| Local Signalling                          | 1 trip indicator green)  |  |
| Mounting Mode                             | Unit mount lug)  |  |
| Mounting Support                          | Lug  |  |

Disclaimer: 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

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

| Electrical Connection                 | Lugs, load<br>Lugs, line  |  |
|---------------------------------------|---|--|
| Terminal Identifier                   | AL800M23K   |  |
| Long Time Pick-Up Adjustment<br>Range | 300800 A  |  |
| Tightening Torque                     | 442.54 lbf.in (50 N.m) 0.150.37 in² (95240 mm²) (3 x AWG 3/03 x 500 kcmil)                          |  |
| Number Of Slots                       | 2 auxiliary switch OF plug-in)<br>1 alarm switch SD plug-in)<br>1 voltage release MN or MX plug-in) |  |
| Power Wire Stripping Length           | 0.98 in (25 mm)   |  |
| 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   |  |
| Circuit Breaker Application           | HACR rated  |  |

### 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<br>Operation | -13158 °F (-2570 °C)                   |  |
| Ambient Air Temperature For<br>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          | US10DE201205   |  |
|-------------------|----------------|--|
| Discount Schedule | 0DE2           |  |
| Gtin              | 00785901420286 |  |
| Returnability     | Yes            |  |
| Country Of Origin | MX             |  |

# **Packing Units**

| Unit Type Of Package 1       | PCE                  |  |
|------------------------------|----------------------|--|
| Number Of Units In Package 1 | 1                    |  |
| Package 1 Height             | 10.80 in (27.432 cm) |  |
| Package 1 Width              | 12.00 in (30.48 cm)  |  |

Package 1 Length

18.00 in (45.72 cm)

Package 1 Weight

28.70 lb(US) (13.018 kg)

## **Contractual warranty**

Warranty

18 months

### Sustainability Screen 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
Rohs Exemption Information Yes
Pvc Free

### **Certifications & Standards**

| Reach Regulation          | REACh Declaration   |
|---------------------------|---|
| Eu Rohs Directive         | Compliant with Exemptions   |
| China Rohs Regulation     | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information.  |
| Environmental Disclosure  | Product Environmental Profile   |
| Circularity Profile       | End of Life Information   |
| California Proposition 65 | WARNING: This product can expose you to chemicals including: DINP, which is<br>known to the State of California to cause cancer, and DIDP, which is known to the<br>State of California to cause birth defects or other reproductive harm. For more<br>information go to www.P65Warnings.ca.gov |