# **Product data sheet**

Specifications







## Circuit breaker, PowerPacT H, 60A, 3 pole, 600VAC, 14kA, lugs, thermal magnetic, 80%

HDL36060

Product availability: Stock - Normally stocked in distribution facility

#### Price\*: 1,088.00 USD

#### Main

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

### 

| Complementary                          |   |  |
|--|---|--|
| Line Rated Current                     | 60 A  |  |
| Number of Poles                        | 3P  |  |
| Protected poles description            | 3t  |  |
| Control Type                           | Toggle  |  |
| Breaking capacity code                 | D   |  |
| Breaking capacity                      | 25 kA 240 V AC 50/60 Hz UL 489<br>18 kA 480 V AC 50/60 Hz<br>14 kA 600 V AC 50/60 Hz<br>20 kA 250 V DC  |  |
| [Ue] rated operational voltage         | 690 V AC 50/60 Hz IEC 60947-3   |  |
| Network Frequency                      | 50/60 Hz  |  |
| [Ics] rated service breaking capacity  | 25 kA 220/240 V AC 50/60 Hz IEC 60947-2<br>18 kA 380/440/415 V AC 50/60 Hz IEC 60947-2<br>14 kA 500/525 V AC 50/60 Hz IEC 60947-2<br>20 kA 250 V DC IEC 60947-2<br>20 kA 500 V DC IEC 60947-2 |  |
| [Uimp] rated impulse withstand voltage | 8 kV IEC 60947-2  |  |
| Trip unit technology                   | Thermal-magnetic  |  |
| Magnetic tripping current              | 1450 A  |  |
| Magnetic hold current                  | 800 A   |  |
| Continuous current rating              | 80 %  |  |
| [Ui] rated insulation voltage          | 750 V IEC 60947-2   |  |
| Suitability for isolation              | Yes IEC 60947-2   |  |
| Utilisation category                   | Category A  |  |
| AWG gauge                              | AWG 14AWG 3/0 aluminium/copper terminal   |  |
| Local signalling                       | Switched off (OFF) 1 trip indicator green)  |  |
| Mounting mode                          | Unit mount lug)   |  |

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

| Mounting Support            | Lug   |  |
|-----------------------------|---|--|
| Electrical connection       | Lugs, line<br>Lugs, load  |  |
| Terminal identifier         | AL150HD   |  |
| Tightening torque           | 44.3 lbf.in (5 N.m) 0.0040.009 in² (2.56 mm²) (AWG 14AWG 10)<br>123.9 lbf.in (14 N.m) 0.020.1 in² (1095 mm²) (AWG 8AWG 3/0)                   |  |
| Number of slots             | 2 auxiliary switch OF plug-in)<br>1 alarm switch SD plug-in)<br>1 overcurrent trip switch SDE plug-in)<br>1 voltage release MN or MX plug-in) |  |
| Power wire stripping length | 0.6 in (16 mm)  |  |
| Color                       | Black   |  |
| Height                      | 6.4 in (163 mm)   |  |
| Width                       | 4.09 in (104 mm)  |  |
| Depth                       | 3.4 in (86 mm)  |  |
| Net Weight                  | 4.9 lb(US) (2.2 kg)   |  |
| Quantity per Set            | 1   |  |
| Communication interface     | Modbus<br>Ethernet  |  |
| Circuit breaker application | HACR rated  |  |

### Environment

| Quality labels                           | CE  |
|--|---|
| Standards                                | UL<br>CSA<br>NEMA<br>NOM-003-SCFI-2000<br>IEC 60947-2       |
| Product certifications                   | UL<br>CSA<br>NOM  |
| IP degree of protection                  | Front cover IP40 IEC 60529                                  |
| 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 5000 m with derating |

# Ordering and shipping details

| Category          | US10DE201110 |  |
|-------------------|--------------|--|
| Discount Schedule | 0DE2         |  |
| GTIN              | 785901577959 |  |
| Returnability     | Yes          |  |
| Country of origin | US           |  |

# **Packing Units**

| Unit Type of Package 1       | PCE |
|------------------------------|-----|
| Number of Units in Package 1 | 1   |

| Package 1 Height | 5.700 in (14.478 cm)    |
|------------------|-------------------------|
| Package 1 Width  | 7.50 in (19.05 cm)      |
| Package 1 Length | 8.700 in (22.098 cm)    |
| Package 1 Weight | 4.149 lb(US) (1.882 kg) |

### **Contractual warranty**

Warranty

18 months

### Sustainability Screen

**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 |