

# Product data sheet

Specifications

SQUARE D

Green Premium™



Circuit breaker, PowerPacT H, 15A, 3 pole, 600VAC, 18kA, lugs, thermal magnetic, 80%

HGL36015

## Main

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

## Complementary

|                                        |                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [In] Rated Current                     | 15 A                                                                                                                                                                                          |
| Number Of Poles                        | 3P                                                                                                                                                                                            |
| Protected Poles Description            | 3t                                                                                                                                                                                            |
| Control Type                           | Toggle                                                                                                                                                                                        |
| Breaking Capacity Code                 | G                                                                                                                                                                                             |
| Breaking Capacity                      | 65 kA 240 V AC 50/60 Hz UL 489<br>35 kA 480 V AC 50/60 Hz UL 489<br>18 kA 600 V AC 50/60 Hz UL 489<br>20 kA 250 V DC UL 489<br>20 kA 500 V DC UL 489                                          |
| [Ue] Rated Operational Voltage         | 690 V AC 50/60 Hz IEC 60947-3                                                                                                                                                                 |
| Network Frequency                      | 50/60 Hz                                                                                                                                                                                      |
| [Ics] Rated Service Breaking Capacity  | 65 kA 220/240 V AC 50/60 Hz IEC 60947-2<br>35 kA 380/440/415 V AC 50/60 Hz IEC 60947-2<br>18 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              | 750 A                                                                                                                                                                                         |
| Magnetic Hold Current                  | 350 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 14...AWG 3/0 aluminum/copper terminal                                                                                                                                                     |
| Local Signalling                       | Switched off (OFF) 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

|                             |                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Connection       | Lugs, line<br>Lugs, load                                                                                                                      |
| Terminal Identifier         | AL150HD                                                                                                                                       |
| Tightening Torque           | 44.25 lbf.in (5 N.m) 0.00...0.01 in² (2.5...6 mm²) AWG 14...AWG 10)<br>123.91 lbf.in (14 N.m) 0.02...0.15 in² (10...95 mm²) AWG 8...AWG 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 | 0.63 in (16 mm)                                                                                                                               |
| Color                       | Black                                                                                                                                         |
| Height                      | 6.42 in (163 mm)                                                                                                                              |
| Width                       | 4.09 in (104 mm)                                                                                                                              |
| Depth                       | 3.39 in (86 mm)                                                                                                                               |
| Net Weight                  | 4.85 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 Operation | -13...158 °F (-25...70 °C)                            |
| Ambient Air Temperature For Storage   | -58...185 °F (-50...85 °C)                            |
| Operating Altitude                    | < 2000 m without derating<br>5000 m with derating     |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type Of Package 1       | PCE                   |
| Number Of Units In Package 1 | 1                     |
| Package 1 Height             | 7.10 in (18.034 cm)   |
| Package 1 Width              | 6.40 in (16.256 cm)   |
| Package 1 Length             | 9.00 in (22.86 cm)    |
| Package 1 Weight             | 4.14 lb(US) (1.88 kg) |

## Contractual warranty

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

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class 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 | <a href="#">Yes</a> |
|  Pvc Free                   |                     |

## Certifications & Standards

|                          |                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                     |
| Eu Rohs Directive        | Compliant with Exemptions                                                                                             |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                         |
| Circularity Profile      | <a href="#">End of Life Information</a>                                                                               |