



Main

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

Complementary

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|--|--|
| Line Rated Current | 50 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 18 KA 480 V AC 50/60 Hz 14 KA 600 V AC 50/60 Hz 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 18 KA 380/440/415 V AC 50/60 Hz IEC 60947-2 14 KA 500/525 V AC 50/60 Hz IEC 60947-2 20 KA 250 V DC IEC 60947-2 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 | 850 A |
| Magnetic hold current | 400 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 aluminium/copper terminal |
| Local signalling | Switched off (OFF) 1 trip indicator green) |
| Mounting mode | Unit mount lug) |
| Mounting Support | Lug |
| Electrical connection | Lugs, line Lugs, load |
| Terminal identifier | AL150HD |
| Tightening torque | 44.25 Lbf.in (5 N.m) 0.00...0.01 in ² (2.5...6 mm ²) (AWG 14...AWG 10) 123.91 lbf.in (14 N.m) 0.02...0.15 in ² (10...95 mm ²) (AWG 8...AWG 3/0) |
| Number of slots | 2 auxiliary switch OF plug-in) 1 alarm switch SD plug-in) 1 overcurrent trip switch SDE plug-in) 1 voltage release MN or MX plug-in) |

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.

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| 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 Ethernet |
| Circuit breaker application | HACR rated |

Environment

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| Quality labels | CE |
| Standards | UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2 |
| Product certifications | UL[RETURN]CSA[RETURN]NOM |
| IP degree of protection | Front cover IP40 IEC 60529 |
| Pollution degree | 3 IEC 60947-1 |
| Ambient Air Temperature for Operation | 28...158 °F (-2...70 °C) |
| Ambient Air Temperature for Storage | -58...185 °F (-50...85 °C) |
| Operating altitude | < 6561.68 ft (2000 m) without derating 5000 m with derating |

Ordering and shipping details

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|-------------------|------------------------------------|
| Category | 01110-HD,JD UNIT MT BREAKER/SWITCH |
| Discount Schedule | DE2 |
| GTIN | 785901706700 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

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|------------------------------|----------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.50 in (16.51 cm) |
| Package 1 Width | 7.10 in (18.034 cm) |
| Package 1 Length | 9.10 in (23.114 cm) |
| Package 1 Weight | 4.05 lb(US) (1.837 kg) |
| Unit Type of Package 2 | PAL |
| Number of Units in Package 2 | 80 |
| Package 2 Height | 40.00 in (101.6 cm) |
| Package 2 Width | 36.00 in (91.44 cm) |
| Package 2 Length | 48.00 in (121.92 cm) |
| Package 2 Weight | 329.84 lb(US) (149.613 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 |

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| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |
| PVC free | Yes |

Contractual warranty

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| Warranty | 18 months |
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