

Product data sheet

Specifications

SQUARE D

Green Premium™



Circuit breaker, PowerPact H, 150A, 3 pole, 600VAC, 25kA, lugs, thermal magnetic, 80%

HJL36150

Product availability : Stock - Normally stocked in distribution facility

Price* : 5,174.00 USD

Main

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

Complementary

| | |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Line Rated Current | 150 A |
| Number of Poles | 3P |
| Protected poles description | 3t |
| Control Type | Toggle |
| Breaking capacity code | J |
| Breaking capacity | 100 kA 240 V AC 50/60 Hz UL 489 65 kA 480 V AC 50/60 Hz UL 489 25 kA 600 V AC 50/60 Hz UL 489 20 kA 250 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 35 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 18 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 | 1700 A |
| Magnetic hold current | 900 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 |

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

| | |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
| 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 |

Environment

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|----------------------------------------------|----------------------------------------------------------------|
| Quality labels | CE |
| Standards | UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2 |
| Product certifications | UL CSA 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 | 01115-HG,HJ,JG,JJ UNIT MT BREAKER/SWITCH |
| Discount Schedule | DE2 |
| GTIN | 785901839972 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 4.15 lb(US) (1.882 kg) |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

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|-------------------------------|-----|
| Unit Type of Package 1 | PCE |
|-------------------------------|-----|

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|------------------|---------------------|
| Package 1 Height | 7.60 in (19.304 cm) |
| Package 1 width | 5.70 in (14.478 cm) |
| Package 1 Length | 8.80 in (22.352 cm) |

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 EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information. |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| PVC free | Yes |

Contractual warranty

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| Warranty | 18 months |
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Dimensions



All dimensions are approximate. Also refer to technical drawings and documentation.