

# Product data sheet

Specifications

SQUARE D

Green Premium™



Circuit breaker, PowerPact J, I-Line, thermal-magnetic, 250A, 3 pole, 14kA, 600VAC, 250VDC, phase ABC

JDA36250

Product availability : Stock - Normally stocked in distribution facility

Price\* : 3,936.00 USD

## Main

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

## Complementary

|  |   |
|--|---|
| Line Rated Current                     | 250 A   |
| Number of Poles                        | 3P  |
| 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         | 600 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              | 2500 A  |
| Magnetic hold current                  | 1250 A  |
| Continuous current rating              | 80 %  |
| [Ui] rated insulation voltage          | 750 V IEC 60947-2   |
| Protection Type                        | Overload protection<br>Short-circuit protection   |
| Suitability for isolation              | Yes IEC 60947-2   |
| Utilisation category                   | Category A  |

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

|   |   |
|---|---|
| <b>AWG gauge</b>                          | AWG 3/0...350 kcmil aluminium/copper terminals  |
| <b>Local signalling</b>                   | Switched off (OFF) 1 trip indicator green)  |
| <b>Mounting mode</b>                      | I-Line bracket)   |
| <b>Mounting Support</b>                   | Bracket   |
| <b>Electrical connection</b>              | I-Line connection line<br>Lugs load   |
| <b>Terminal identifier</b>                | AL250JD   |
| <b>Long time pick-up adjustment range</b> | 0.25...1 x I <sub>n</sub>   |
| <b>Mounting Height</b>                    | 4.5 in (114.30 mm)  |
| <b>Tightening torque</b>                  | 221.27 lbf.in (25 N.m) 0.15...0.29 in <sup>2</sup> (95...185 mm <sup>2</sup> ) (AWG 3/0...350 kcmil)  |
| <b>Number of slots</b>                    | 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) |
| <b>Power wire stripping length</b>        | 0.98 in (25 mm)   |
| <b>Height</b>                             | 7.52 in (191 mm)  |
| <b>Width</b>                              | 4.09 in (104 mm)  |
| <b>Depth</b>                              | 3.39 in (86 mm)   |
| <b>Product Weight</b>                     | 5.29 lb(US) (2.4 kg)  |
| <b>Phase connection</b>                   | ABC   |
| <b>Communication interface</b>            | Modbus<br>Ethernet  |

## Environment

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

## Ordering and shipping details

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Category</b>              | 01112 - HD, JD I-LINE BREAKER/SWITCH |
| <b>Discount Schedule</b>     | DE2                                  |
| <b>GTIN</b>                  | 785901834175                         |
| <b>Nbr. of units in pkg.</b> | 1                                    |
| <b>Package weight(Lbs)</b>   | 6.81 lb(US) (3.09 kg)                |
| <b>Returnability</b>         | Yes                                  |
| <b>Country of origin</b>     | MX                                   |

## Packing Units

|                        |                     |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE                 |
| Package 1 Height       | 6.10 in (15.494 cm) |
| Package 1 width        | 8.50 in (21.59 cm)  |
| Package 1 Length       | 15.00 in (38.1 cm)  |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>  |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>   |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>  |
| 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>  |
| PVC free                   | Yes  |

## Contractual warranty

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