

# Product data sheet

Specifications

SQUARE D



Circuit breaker, PowerPacT J, 150A, 3 pole, 600VAC, 14kA, busbar, thermal magnetic, 80%

JDF36150

**Product availability: Non-Stock - Not normally stocked in distribution facility**

## Main

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

## Complementary

Line Rated Current	150 A
Number of Poles	3P
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	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 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	1750 A
Magnetic hold current	750 A
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Protection Type	Overload protection Short-circuit protection
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	AWG 4...AWG 4/0 aluminium/copper terminal
Local signalling	Switched off (OFF) 1 trip indicator green)
Mounting mode	Unit mount busbar)
Mounting Support	Busbar

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

<b>Electrical connection</b>	Busbar connection, line Busbar connection, load
<b>Terminal identifier</b>	AL175JD
<b>Long time pick-up adjustment range</b>	0.25...1 x In
<b>Mounting Height</b>	4.5 in (114.3 mm)
<b>Tightening torque</b>	221.3 lbf.in (25 N.m) 0.04...0.1 in <sup>2</sup> (25...95 mm <sup>2</sup> ) (AWG 4...AWG 4/0)
<b>Number of slots</b>	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)
<b>Power wire stripping length</b>	1.0 in (25 mm)
<b>Height</b>	7.5 in (191 mm)
<b>Width</b>	4.09 in (104 mm)
<b>Depth</b>	3.4 in (86 mm)
<b>Net Weight</b>	5.3 lb(US) (2.4 kg)
<b>Phase connection</b>	CB
<b>Communication interface</b>	Modbus Ethernet
<b>Circuit breaker application</b>	HACR rated

## Environment

<b>Quality labels</b>	CE
<b>Standards</b>	UL CSA NEMA NOM-003-SCFI-2000 IEC 60947-2
<b>Product certifications</b>	UL CSA 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>	-13...158 °F (-25...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 5000 m with derating

## Ordering and shipping details

<b>Category</b>	US10DE201110
<b>Discount Schedule</b>	0DE2
<b>GTIN</b>	785901906254
<b>Returnability</b>	No
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1

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<b>Package 1 Height</b>	5.125 in (13.018 cm)
<b>Package 1 Width</b>	7.250 in (18.415 cm)
<b>Package 1 Length</b>	8.438 in (21.433 cm)
<b>Package weight(Lbs)</b>	4.37 lb(US) (1.98 kg)

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## **Contractual warranty**

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<b>Warranty</b>	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle) 395

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

REACH Regulation [REACH Declaration](#)

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](http://www.P65Warnings.ca.gov)

PVC free Yes

### Use Again

#### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Technical Illustration

Dimensions

