

# Product data sheet

Specifications

SQUARE D



Circuit breaker, PowerPacT J, 250A, 3 pole, 600VAC, 100kA, lugs, thermal magnetic, 80%

JRL36250

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

## Main

Product or Component Type Circuit breaker

## Complementary

Line Rated Current	250 A
Number of Poles	3P
Control Type	Toggle
Breaking capacity code	R
Breaking capacity	200 kA 240 V AC 50/60 Hz UL 489 200 kA 480 V AC 50/60 Hz UL 489 100 kA 600 V AC 50/60 Hz UL 489
[Ue] rated operational voltage	600 V AC 50/60 Hz IEC 60947-3
Network Frequency	50/60 Hz
[Ics] rated service breaking capacity	150 kA 220/240 V AC 50/60 Hz IEC 60947-2 125 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 75 kA 500/525 V AC 50/60 Hz IEC 60947-2 20 kA 690 V AC 50/60 Hz IEC 60947-2
[Uiimp] 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 Short-circuit protection
Suitability for isolation	Yes IEC 60947-2
Utilisation category	Category A
AWG gauge	AWG 3/0...350 kcmil aluminium/copper terminals
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	AL250JD
Long time pick-up adjustment range	0.25...1 x In

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

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

<b>Tightening torque</b>	221.3 lbf.in (25 N.m) 0.1...0.3 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) 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>Communication interface</b>	Modbus
<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
<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>	US10DE201108
<b>Discount Schedule</b>	ODE2
<b>GTIN</b>	785901556725
<b>Returnability</b>	Yes
<b>Country of origin</b>	US

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	5.13 in (13.018 cm)
<b>Package 1 Width</b>	7.25 in (18.415 cm)
<b>Package 1 Length</b>	8.44 in (21.433 cm)
<b>Package weight(Lbs)</b>	5.00009 lb(US) (2.268 kg)

## Contractual warranty

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**Warranty**

18 months



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) **551**

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](#)**

PVC free **Yes**

## Use Again

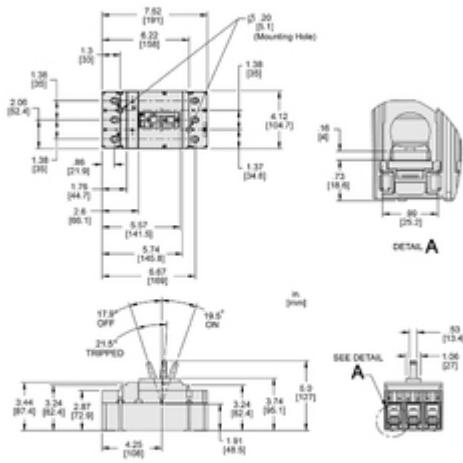
### Repack and remanufacture

[Circularity Profile](#) [End of Life Information](#)

Take-back **No**

## Technical Illustration

## Dimensions



ALL DIMENSIONS ARE APPROXIMATE.  
ALSO REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION.