

Product data sheet

Specifications



Circuit breaker, PowerPacT J, 250A, 3 pole, 600VAC, 14kA, lugs, Micrologic 3.2, 80%

JDL36250U31X

Product availability: Stock - Normally stocked in distribution facility

Price*: 2,957.00 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 18 kA 480 V AC 50/60 Hz 14 kA 600 V AC 50/60 Hz
[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
[Uimp] rated impulse withstand voltage	8 kV IEC 60947-2
Trip unit technology	Electronic, standard, MicroLogic 3.2, LI
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	MicroLogic 3.2
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	Ready 1 LED green) Alarm 1 LED 90 % Ir orange) Alarm 1 LED 105 % Ir red) Switched off (OFF) 1 trip indicator green)
Mounting mode	Unit mount lug)

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

Mounting Support	Lug
Electrical connection	Lugs, line Lugs, load
Terminal identifier	AL250JD
Long time pick-up adjustment range	0.25...1 x In
Mounting Height	4.5 in (114.3 mm)
Tightening torque	221.3 lbf.in (25 N.m) 0.1...0.3 in² (95...185 mm²) (AWG 3/0...350 kcmil)
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	1.0 in (25 mm)
Height	7.5 in (191 mm)
Width	4.09 in (104 mm)
Depth	3.4 in (86 mm)
Net Weight	5.3 lb(US) (2.4 kg)
Phase connection	ABC
Communication interface	Modbus Ethernet
Circuit breaker application	HACR rated

Environment

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
Pollution degree	3 IEC 60947-1
Ambient air temperature for operation	-13...158 °F (-25...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

Category	US10DE201107
Discount Schedule	0DE2
GTIN	00785901746072
Returnability	Yes
Country of origin	MX

Packing Units

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

Number of Units in Package 1	1
Package 1 Height	6.00 in (15.240 cm)
Package 1 Width	7.80 in (19.812 cm)
Package 1 Length	9.00 in (22.860 cm)
Package 1 Weight	5.099 lb(US) (2.313 kg)

Contractual warranty

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

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)	1178
--	------

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
------------------	-----------------------------------

China RoHS Regulation	China RoHS 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

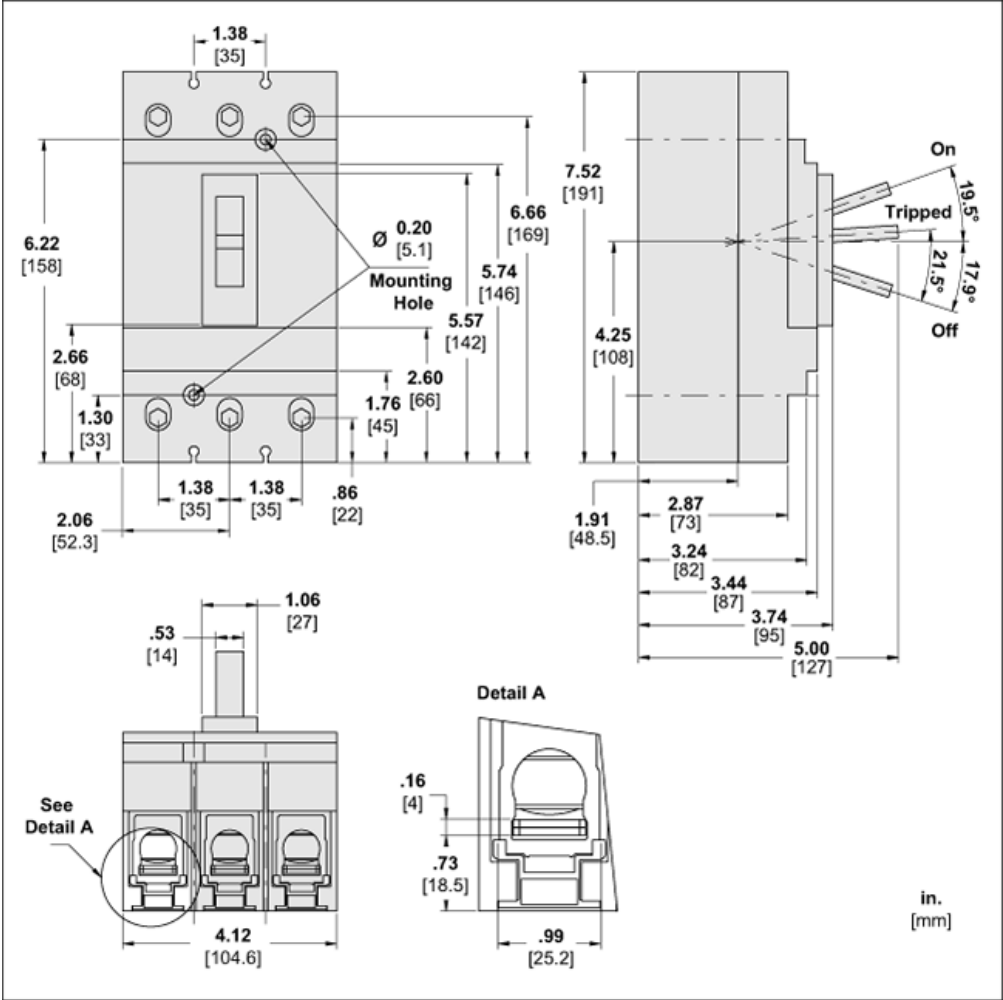
[End of Life Information](#)

Take-back

No

Dimensions Drawings

Approximate Dimensions



Technical Illustration

Dimensions

