

# Product data sheet

Specifications



Circuit breaker, PowerPacT J,  
200A, 3 pole, 600VAC, 50kA, I-  
Line, thermal magnetic, 80%, ABC

JLA36200

## Main

Product or component type	Circuit breaker
---------------------------	-----------------

## Complementary

[In] rated current	200 A
Number of Poles	3P
control type	Toggle
Breaking capacity code	L
Breaking capacity	125 kA 240 V AC 50/60 Hz UL 489 100 kA 480 V AC 50/60 Hz UL 489 50 kA 600 V AC 50/60 Hz UL 489 20 kA 250 V DC UL 489 50 kA 500 V DC 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	125 kA 220/240 V AC 50/60 Hz IEC 60947-2 100 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 50 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	2000 A
Magnetic hold current	1000 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 aluminum/copper terminals
Local signalling	Switched off (OFF) 1 trip indicator green)
Mounting mode	I-Line bracket)
Mounting support	Bracket
Electrical connection	I-Line connection, line Lugs, load
Terminal identifier	AL250JD

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

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
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
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-58...185 °F (-50...85 °C)
Operating altitude	< 2000 m without derating 5000 m with derating

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.10 in (15.494 cm)
Package 1 Width	8.50 in (21.590 cm)
Package 1 Length	14.90 in (37.846 cm)
Package 1 Weight	6.601 lb(US) (2.994 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)	999
--	-----

Environmental Disclosure	<a href="#">Product Environmental Profile</a>
--------------------------	---

## 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	<a href="#">REACH Declaration</a>
------------------	-----------------------------------

China RoHS Regulation	<a href="#">China RoHS declaration</a>
-----------------------	--

PVC free	Yes
----------	-----

## Use Again

### Repack and remanufacture

Circularity Profile	<a href="#">End of Life Information</a>
---------------------	---

Removable battery

No

Take-back

No

## Technical Illustration

## Dimensions

