Specifications

SQUARE 🗩



Circuit breaker, PowerPacT J, 250A, 3 pole, 600VAC, 18kA, I-Line, Micrologic 3.2, 80%, ABC

JGA36250U31X

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

Price*: 4,226.00 USD

Main

Range	PowerPact	
product name	PowerPact J	
Product or Component Type	Motor Circuit Protector	
Device Application	Distribution	

Complementary

Complementary		
Line Rated Current	250 A	
Number of Poles	3P	
Control Type	Toggle	
Breaking capacity code	G	
Breaking capacity	65 kA 240 V AC 50/60 Hz UL 489 35 kA 480 V AC 50/60 Hz UL 489 18 kA 600 V AC 50/60 Hz UL 489 20 kA 250 V DC UL 489 20 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	65 kA 220/240 V AC 50/60 Hz IEC 60947-2 35 kA 380/440/415 V AC 50/60 Hz IEC 60947-2 18 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	Electronic, standard, MicroLogic 3.2, Ll	
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 3/0350 kcmil aluminium/copper terminals	

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

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	I-Line bracket)	
Mounting Support	Bracket	
Electrical connection	I-Line connection, line	
	Lugs, load	
Terminal identifier	AL250JD	
Long time pick-up adjustment	0.251 x ln	
range		
Mounting Height	4.5 in (114.3 mm)	
Tightening torque	221.3 lbf.in (25 N.m) 0.10.3 in ² (95185 mm ²) (AWG 3/0350 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)	
Product Weight	5.3 lb(US) (2.4 kg)	
Communication interface	Modbus	
	Ethernet	

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	-13158 °F (-2570 °C)
Ambient Air Temperature for Storage	-58185 °F (-5085 °C)
Operating altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating

Ordering and shipping details

Category	US10DE201104	
Discount Schedule	0DE2	
GTIN	785901965749	
Returnability	Yes	
Country of origin	US	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	5.38 in (13.653 cm)	
Package 1 Width	8.13 in (20.638 cm)	
Package 1 Length	14.63 in (37.148 cm)	
Package 1 Weight	7.132 lb(US) (3.235 kg)	

Contractual warranty

Warranty

18 months

Lenvironmental 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 \geq

${\mathcal O}$ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	1169
Environmental Disclosure	Product Environmental Profile

Use Better

${\ensuremath{\otimes}}$ 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

\circlearrowright Repack and remanufacture	
Circularity Profile	End of Life Information
Removable battery	No
Take-back	No