

Product data sheet

Characteristics

JDL36250U33X

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



Product availability: Stock - Normally stocked in distribution facility

Price*: 3221.00 USD



Main

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

Complementary

Line Rated Current	250 A
Poles description	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 S, LSI
Continuous current rating	80 %
[Ui] rated insulation voltage	750 V IEC 60947-2
Trip unit name	MicroLogic 3.2 S
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)
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	230.1 Lbf.In (26 N.m) 0.1...0.3 in ² (95...185 mm ²) (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)
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[RETURN]CSA[RETURN]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	785901965404
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.13 In (13.018 cm)
Package 1 Width	7.25 In (18.415 cm)
Package 1 Length	8.44 In (21.433 cm)
Package 1 Weight	5.20 Lb(US) (2.36 kg)

Environmental data

Packaging without single use plastic	No
Packaging made with recycled cardboard	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: DIN-P, which is known to the State of California to cause cancer, and DID-P, 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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes
Take-back	No
Carbon footprint (kg CO2 eq, Total Life cycle)	1178

Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**