Product data sheet

Specifications







Circuit breaker, PowerPacT J, 250A, 3 pole, 600VAC, 18kA, busbar, thermal magnetic, 80%

JGF36000F25

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

Price*: 2,790.00 USD

Main

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

Complementary

Complementary		
Line Rated Current	150250 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 18 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	
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 4AWG 4/0 aluminium/copper terminal	
Mounting mode	Unit mount busbar)	
Mounting Support	Busbar	
Electrical connection	Busbar connection, line Busbar connection, load	

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

Terminal identifier	AL175JD	
Installed device	Trip unit field installable	
Long time pick-up adjustment range	0.251 x ln	
Tightening torque	221.3 lbf.in (25 N.m) 0.040.1 in ² (2595 mm ²) (AWG 4AWG 4/0)	
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)	
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	28158 °F (-270 °C)	
Ambient Air Temperature for Storage	-58.000000000185.0000000000 °F (-5085 °C)	
Operating altitude	< 6561.68 ft (2000 m) without derating 5000 m with derating	

Ordering and shipping details

Category	US10DE201115	
Discount Schedule	0DE2	
GTIN	785901635864	
Returnability	Yes	
Country of origin	US	

Packing Units

Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	5.125 in (13.018 cm)	
Package 1 Width	7.250 in (18.415 cm)	

Package 1 Length

8.438 in (21.433 cm)

Package 1 Weight

4.500 lb(US) (2.041 kg)

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance

Mercury Free
Rohs Exemption Information Yes
Pvc Free

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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