Product data sheet

Specifications

Circuit breaker, PowerPacT Q, 100A, 2 pole, 240VAC, 100kA, I-Line, thermal magnetic, 80%, AB

QJA221001

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

Price*: 2,988.00 USD

Main

Range	PowerPact
Product Name	PowerPact Q
Product Or Component Type	Circuit breaker
Device Application	Distribution

Complementary

Line Rated Current	100 A
Number Of Poles	2P
Control Type	Operating handle
Breaking Capacity Code	J
Breaking Capacity	100 kA 120/208 V AC 50/60 Hz UL 100 kA 240 V AC 50/60 Hz UL
[Ue] Rated Operational Voltage	240 V AC 50/60 Hz UL
Network Frequency	50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	8 kV UL
Trip Unit Technology	Thermal-magnetic
Magnetic Tripping Current	2400 A
Magnetic Hold Current	1200 A
Continuous Current Rating	80 %
Utilisation Category	Category A
Mechanical Durability	1000 cycles loaded 5000 cycles no load
Local Signalling	1 trip indicator green)
Mounting Mode	I-Line bracket)
Mounting Support	Bracket
Electrical Connection	I-Line connection, line Lugs, load
Mounting Height	3 in (76.20 mm)
Tightening Torque	247.82 lbf.in (28 N.m) 0.04…0.23 in² (25…150 mm²) (AWG 4...300 kcmil)
Power Wire Stripping Length	0.87 in (22 mm)
Height	6.47 in (164.34 mm)

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

Width	3 in (76.20 mm)
Depth	3.93 in (99.82 mm)
Phase Connection	AB

Environment

Standards	UL CSA NEMA NOM-003-SCFI-2000
Product Certifications	UL CSA NOM
Ambient Air Temperature For Operation	104…158 °F (40…70 °C)

Ordering and shipping details

Category	US10DE201023
Discount Schedule	0DE2
Returnability	Yes
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.25 in (10.795 cm)
Package 1 Width	7.44 in (18.893 cm)
Package 1 Length	12.31 in (31.275 cm)
Package 1 Weight	4.71 lb(US) (2.135 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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	
Halogen Free Product	

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	No need of specific recycling operations
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