Product data sheet

Specifications



Circuit breaker, PowerPacT Q, 100A, 2 pole, 240VAC, 65kA, lugs, thermal magnetic, 80%

QGL22100

Product availability: Stock - Normally stocked in distribution facility

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	G
Breaking capacity	65 kA 120/208 V AC 50/60 Hz UL 65 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	Unit mount lug)
Mounting Support	Lug
Electrical connection	Lugs, load Lugs, line
Tightening torque	247.8 lbf.in (28 N.m) 0.04…0.2 in² (25…150 mm²) (AWG 4...300 kcmil)
Power wire stripping length	0.9 in (22 mm)
Height	6.47 in (164.34 mm)
Width	3 in (76.2 mm)
Depth	3.93 in (99.82 mm)
Circuit breaker application	HACR rated

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

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	US1DE2A00005
Discount Schedule	DE2A
GTIN	785901523987
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.000 in (12.700 cm)
Package 1 Width	6.400 in (16.256 cm)
Package 1 Length	10.000 in (25.400 cm)
Package weight(Lbs)	3.400 lb(US) (1.542 kg)

Contractual warranty

Warranty (in months)	18

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

Total lifecycle Carbon footprint	**27 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**10 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.3 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**14 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**3 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
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**
Halogen content performance	**Halogen free product**
PVC free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**56**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Technical Illustration

Dimensions

