Product data sheet

Specifications



Mini circuit breaker, QO, 100A, 2 pole, 120/240VAC, 10kA, plug in, clam

QO2100C

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	100 A
Voltage Rating	120/240 V AC 120 V AC
Mounting Type	Plug-in
Number of Poles	2P
Circuit Breaker Type	Standard
Ratings	HACR rated
Electrical Connection	Pressure plate
Type of Packing	Clam packaging

Complementary

Interrupt Rating	10 kA 120/240 V AC 10 kA 120 V AC
Number of Panel Spaces	2
Wire Size	4 AWG...2/0 AWG copper or aluminium
Tightening Torque	39.8 lbf.in (4.5 N.m) 0.04…0.08 in² (25…50 mm²)
Height	3.5 in (89 mm)
Width	1.5 in (38 mm)
Depth	2.9 in (74 mm)
Net Weight	0.750 lb(US) (0.340 kg)

Environment

Certifications	UL Listed CSA
Ambient Rating	104 °F (40 °C)

Ordering and shipping details

Category	US1CP1021756
Discount Schedule	CP10
GTIN	785901691235
Returnability	Yes
Country of origin	MX

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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.600 in (4.064 cm)
Package 1 Width	4.500 in (11.430 cm)
Package 1 Length	4.800 in (12.192 cm)
Package weight(Lbs)	12.000 oz (340.194 g)

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	**13 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**10 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
SCIP Number	**Af42fb01-813d-40c0-ae28-b8b3299dbc99**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Cadmium and cadmium compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**
Halogen content performance	**Halogen free product**

Use Again

Repack and remanufacture

Recyclability potential, in %	**32**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Image of product / Alternate images

Alternative

Technical Benefits

Thermal Magnetic Breaker



- Miniature circuit breaker rated at 100A
- Protects against overloads and short-circuits
- Product characteristics conformity is certified by the Underwriters Laboratories (UL)
- The current capacity that this circuit breaker is able to interrupt before breaking is 10kA
- Quickly identify tripped breakers with our Visi-Trip indicator
- Compatible with QO electrical panels and CSEDs with 2 spaces



- Visi-Trip™ indicates tripped circuit
- Qwik-Open™ technology - Overload and Short circuit protection
- Market-leading circuit protection


Compatible products
QO 100 Amp 2 Pole
Circuit Breaker
MFG Model Number: QO2100CP
Compatible with Square D
QO electrical panels, CSED
with 2 spaces
HLO1CP
PK2MBCP