

Product data sheet

Specifications



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

QO2100

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

Complementary

Interrupt Rating	10 kA 120/240 V AC 10 kA 120 V AC
Number of Panel Spaces	2
Wire Size	AWG 4...AWG 2/0 copper or aluminium
Tightening Torque	49.6 lbf.in (5.6 N.m)
Height	3.5 in (89 mm)
Width	1.5 in (38 mm)
Depth	2.9 in (74 mm)
Product Weight	0.507 lb(US) (0.230 kg)

Environment

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

Ordering and shipping details

Category	US1DE2A00104
Discount Schedule	DE2A
GTIN	785901501305
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	3.30 in (8.38 cm)
Package 1 Width	1.60 in (4.06 cm)
Package 1 Length	3.80 in (9.65 cm)
Package weight(Lbs)	11.36 oz (322.06 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	51
Package 2 Height	4.400 in (11.176 cm)
Package 2 Width	14.00 in (35.56 cm)
Package 2 Length	20.900 in (53.086 cm)
Package 2 Weight	36.84 lb(US) (16.71 kg)
Unit Type of Package 3	PAL
Number of Units in Package 3	2142
Package 3 Height	32.00 in (81.28 cm)
Package 3 Width	42.00 in (106.68 cm)
Package 3 Length	42.00 in (106.68 cm)
Package 3 Weight	1566.000 lb(US) (710.325 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	19 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	17 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
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 Longer



Lifetime extension

Repair	No
--------	----

Use Again

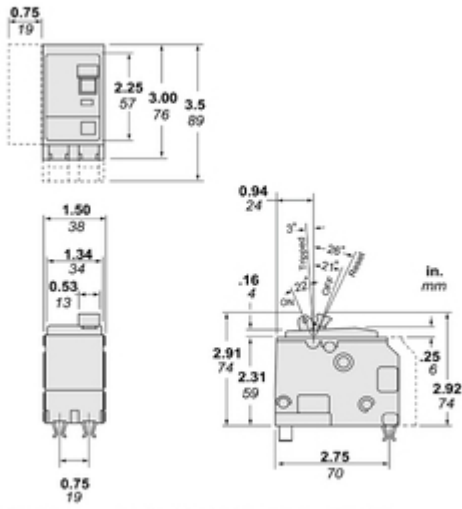


Repack and remanufacture

Recyclability potential, in %	0
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Technical Illustration

Dimensions



Dimensions are approximate. Refer to technical documentation for additional detail.

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



QO™

QO2100C

100A

120/240 VAC ~ 50/60 Hz
10,000 AIR/A nom.I

 2 Poles
Polos
Pôles



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



HL01CP



PK2MBCP







