Product data sheet

Specifications



Mini circuit breaker, QO, 100A, 3 pole, 240VAC, 10kA, plug in

QO3100

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	100 A
Voltage Rating	240 V AC
Mounting Type	Plug-in
Number of Poles	3P
Circuit Breaker Type	Standard
Ratings	HACR rated
Electrical Connection	Pressure plate

Complementary

Interrupt Rating	10 kA 240 V AC
Number of Panel Spaces	3
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	2.2 in (57 mm)
Depth	2.9 in (74 mm)
Net Weight	1.100 lb(US) (0.499 kg)

Environment

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

Ordering and shipping details

Category	US1DE2A00012
Discount Schedule	DE2A
GTIN	785901004417
Returnability	Yes
Country of origin	MX

Packing Units

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

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.300 in (5.842 cm)
Package 1 Width	3.400 in (8.636 cm)
Package 1 Length	3.800 in (9.652 cm)
Package weight(Lbs)	17.600 oz (498.951 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	36
Package 2 Height	4.000 in (10.160 cm)
Package 2 Width	14.000 in (35.560 cm)
Package 2 Length	21.000 in (53.340 cm)
Package 2 Weight	38.621 lb(US) (17.518 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]	**3 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.3 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**15 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.5 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 Again

Repack and remanufacture

Recyclability potential, in %	**32**
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.**

Image of product / Alternate images

Alternative










I/ON
100
10 kA


QO3100
1732 S2
CAUTION/ATTENTION