Product data sheet

Specifications



Main breaker, QO, 100A, 2 pole, 120/240VAC, 22kA, bolt on

QOM2100VH

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	Bolt-on
Number of Poles	2P
Circuit Breaker Type	Standard
Ratings	Primary main breaker
Electrical Connection	Lugs
Frame Size	QOM2

Complementary

Interrupt Rating	22 kA 120/240 V AC 22 kA 120 V AC
Wire Size	AWG 4...300 kcmil copper or aluminium
Tightening Torque	247.8 lbf.in (28 N.m) 0.04…0.2 in² (25…150 mm²) (AWG 4...300 kcmil)
Height	5.6 in (142 mm)
Width	5.08 in (129 mm)
Depth	3.6 in (91 mm)
Product Weight	2.668 lb(US) (1.210 kg)
Load Center Type	Main breaker
Number of Phases	1 phase
For Use With	QO load center Homeline load center
Breaker compatibility	Miniature circuit-breaker QO Miniature circuit-breaker Homeline

Environment

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

Ordering and shipping details

Category	US1DE3A00100

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

Discount Schedule	DE3A
GTIN	785901021957
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.300 in (10.922 cm)
Package 1 Width	6.000 in (15.240 cm)
Package 1 Length	6.400 in (16.256 cm)
Package weight(Lbs)	2.650 lb(US) (1.202 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	468
Package 2 Height	40.000 in (101.600 cm)
Package 2 Width	40.000 in (101.600 cm)
Package 2 Length	48.000 in (121.920 cm)
Package 2 Weight	1236.0006 lb(US) (560.640 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	**254 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**5 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**248 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.2 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	**770cc9ea-53d2-4d3d-a57a-062b35abd847**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Nickel (Metallic), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov**

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**

Technical Illustration

Wiring diagram

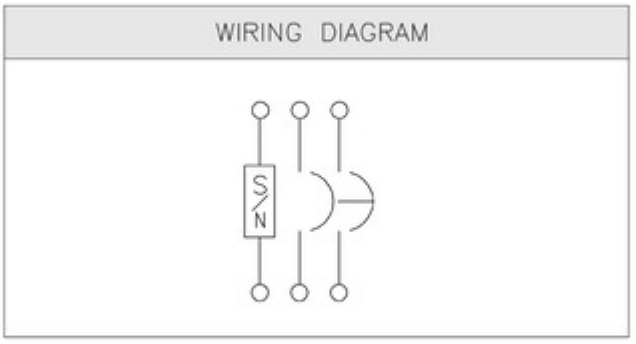

Image of product / Alternate images

Alternative








QOM2100VH