Product data sheet

Specifications



Load center, QO, 3 phase, 42 spaces, 42 circuits, 225A convertible main breaker, NEMA1, QDL

QO342MQ225

Product availability: Stock - Normally stocked in distribution facility

Main

Marketing Trade Name	QO
Product Type	Load Center
Cover Type	Order separately
Installation Orientation	Vertical

Complementary

Tightening Torque	Cover 20 lb.in
PoN Convertible Mains (lugs)	Main breaker
Rated Current	225 A
Number of Spaces	42
Max Short Circuit Current Rating	25 kA
Maximum Number of Single Pole Circuits	42
Maximum Number of Tandem Breakers	0
Number of Phases	3 phase 4 wires 3 phase 3 wires
Voltage Rating	208Y/120 V AC 240/120 V delta AC 240 V delta AC
Wire Size	4 AWG...300 kcmil aluminium/copper
Ground Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Busbar Material	Tin plated copper: busbar
Enclosure Material	Welded sheet steel
Surface Finish	Baked enamel Gray
Box Number	12
Height	39.4 in (1000 mm)
Width	14.3 in (362 mm)
Net Weight	26.61 lb(US) (12.07 kg)

Environment

Enclosure Rating	NEMA 1 indoor enclosure

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

Ambient Air Temperature for Operation	23 °F (-5 °C) 104 °F (40 °C)
Product Certifications	UL Listed

Ordering and shipping details

Category	US10DE300011
Discount Schedule	0DE3
GTIN	785901290575
Returnability	Yes
Country of origin	US

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	15.000 in (38.100 cm)
Package 1 Length	40.500 in (102.870 cm)
Package weight(Lbs)	26.610 lb(US) (12.070 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	27
Package 2 Height	50.000 in (127.000 cm)
Package 2 Width	40.500 in (102.870 cm)
Package 2 Length	48.000 in (121.920 cm)
Package 2 Weight	758.999 lb(US) (344.276 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	**93 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**87 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**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]	**0.1 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**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	**No**
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: Lead and lead 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**

Use Again

Repack and remanufacture

Recyclability potential, in %	**88**
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





