

Product data sheet

Specifications

SQUARE D



Load center, QO, 3 phase, 20 spaces, 20 circuits, 125A convertible main lugs, NEMA1, CSA

QO320ML1

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	Main lugs 50 lb.in, AWG 4...AWG 2/0, aluminium/copper Cover 20 lb.in
PoN Convertible Mains (lugs)	Main lugs
Rated Current	125 A
Number of Spaces	20
Max Short Circuit Current Rating	10 kA
Maximum Number of Single Pole Circuits	20
Maximum Number of Tandem Breakers	0
Number of Phases	3 phase 4 wires
Voltage Rating	120/240 V AC
Wire Size	AWG 4...AWG 2/0 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	8
Height	20.9 in (531 mm)
Width	14.3 in (362 mm)
Depth	3.7 in (95 mm)
Product Weight	13.040 lb(US) (5.915 kg)

Environment

Enclosure Rating	NEMA 1 indoor enclosure
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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	CSA

Ordering and shipping details

Category	US10DE300158
Discount Schedule	0DE3
GTIN	785901751076
Returnability	Yes
Country of origin	US

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	14.600 in (37.084 cm)
Package 1 Length	22.000 in (55.880 cm)
Package weight(Lbs)	13.040 lb(US) (5.915 kg)

Contractual warranty

Warranty (in months)	18
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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	45 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	43 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	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]	0.1 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.6 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 Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	88
Circularity Profile	No need of specific recycling operations
Take-back	No

Image of product / Alternate images

Alternative



