

Product data sheet

Specifications

SQUARE D



Load center, QO, 3 phase, 12 spaces, 24 circuits, 100A convertible main lugs, NEMA1, CSA

QO312ML1

Product availability: Stock - Normally stocked in distribution facility

Main

Marketing Trade Name	QO
Product Type	Load Center
Cover Type	Order separately

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	12
Maximum Number of Single Pole Circuits	24
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
Enclosure Material	Welded sheet steel
Box Number	7
Height	17.9 in (455 mm)
Width	14.3 in (362 mm)

Environment

Enclosure Rating	NEMA 1 indoor enclosure
Ambient Air Temperature for Operation	23 °F (-5 °C) 104 °F (40 °C)
Product Certifications	cULus CSA

Ordering and shipping details

Category	US10DE300158
Discount Schedule	0DE3

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

GTIN	785901751052
-------------	--------------

Returnability	Yes
----------------------	-----

Packing Units

Unit Type of Package 1	PCE
-------------------------------	-----

Nbr. of units in pkg.	1
------------------------------	---

Package 1 Height	4.00 in (10.160 cm)
-------------------------	---------------------

Package 1 Width	14.60 in (37.084 cm)
------------------------	----------------------

Package 1 Length	18.80 in (47.752 cm)
-------------------------	----------------------

Package weight(Lbs)	11.151 lb(US) (5.058 kg)
----------------------------	--------------------------

Contractual warranty

Warranty	18 months
-----------------	-----------



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

[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 with Exemptions

REACH Regulation

[REACH Declaration](#)

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

Circularity Profile

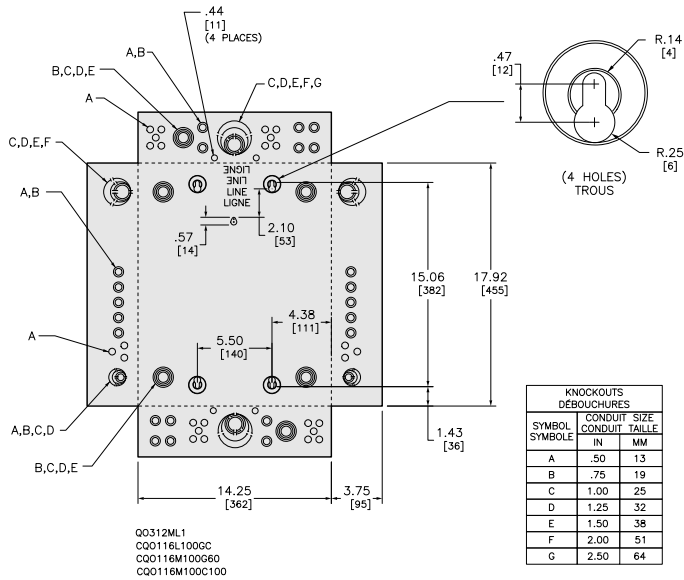
No need of specific recycling operations

Take-back

No

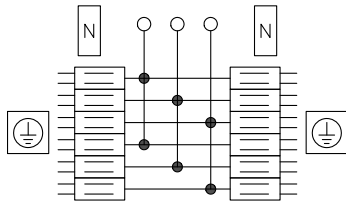
Technical Illustration

Dimensions



Technical Illustration

Wiring diagram



QO312ML1

 EQUIPMENT GROUNDING TERMINALS
BORNES DE MISE À LA TERRE DE L'APPAREIL