

Product data sheet

Specifications

SQUARE D

Green Premium™



LOAD Center QO MLO 240V 100A 1PH 8SP

QO816L100RB

Product availability : Stock - Normally stocked in distribution facility

Price* : 231.00 USD

Main

Marketing Trade Name	QO
Product Type	Load Center
Enclosure Type	Weatherproof enclosure
Cover Type	Surface cover

Complementary

Tightening Torque	Main lugs 50 lb.in, AWG 8, aluminium/copper Main lugs 50 lb.in, AWG 6...AWG 1/0, aluminium/copper
Load Center Type	Main lugs
Rated Current	100 A
Number of Spaces	8
Max Short Circuit Current Rating	10 kA
Maximum Number of Single Pole Circuits	16
Maximum Number of Tandem Breakers	8
Number of Phases	1 phase
Voltage Rating	120/240 V AC
Wire Size	AWG 8...AWG 1 aluminium/copper
Ground Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Wiring Configuration	3-wire
Busbar Material	Tin plated aluminium busbar
Enclosure Material	Welded galvanized steel
Surface Finish	Baked enamel Gray
Box Number	2R
Height	12.64 in (321 mm)
Width	8.90 in (226 mm)

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

Environment

Enclosure Rating	NEMA 3R outdoor
Ambient Air Temperature for Operation	23 °F (-5 °C) 104 °F (40 °C)
Product Certifications	UL Listed

Ordering and shipping details

Category	00101 - QO 1PH LC,2-8CKT,NEMA 1,3R
Discount Schedule	DE3A
GTIN	785901785750
Nbr. of units in pkg.	1
Package weight(Lbs)	9.57 lb(US) (4.34 kg)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	4.80 in (12.2 cm)
Package 1 width	10.12 in (25.7 cm)
Package 1 Length	14.21 in (36.1 cm)
Unit Type of Package 2	PAL
Number of Units in Package 2	80
Package 2 Weight	824.97 lb(US) (374.2 kg)
Package 2 Height	4.80 in (12.2 cm)
Package 2 width	10.12 in (25.7 cm)
Package 2 Length	14.21 in (36.1 cm)

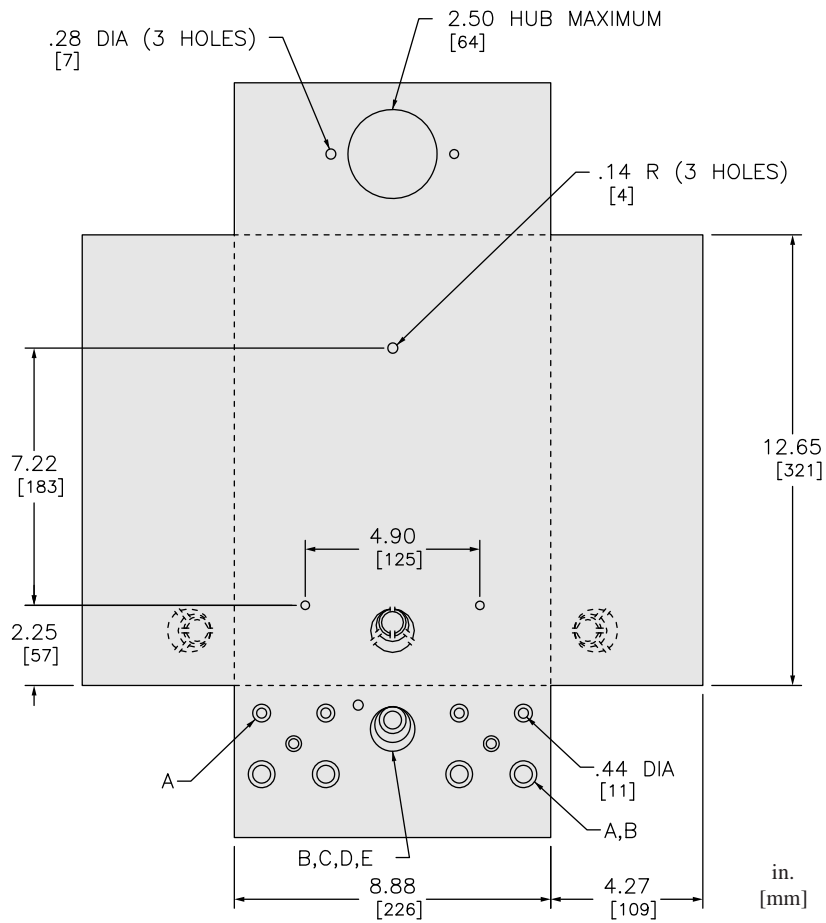
Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile

Contractual warranty

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

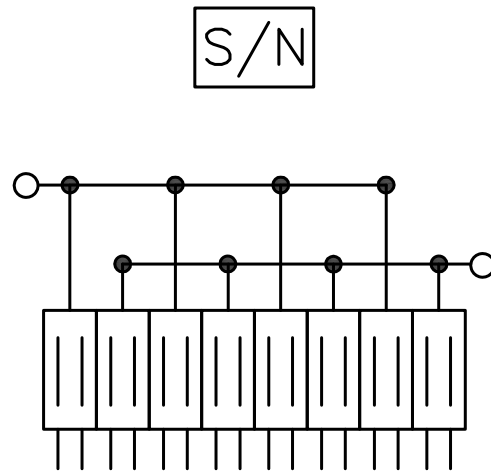
Dimensions



KNOCKOUTS					
SYMBOL	A	B	C	D	E
IN	.50	.75	1.00	1.25	1.50
MM	13	19	25	32	38

ALL DIMENSIONS ARE APPROXIMATE.
 ALSO SEE TECHNICAL DRAWINGS AND DOCUMENTATION.

Wiring Diagram



QO816L100RB
QO816L100RBCU