

# Product data sheet

## Characteristics

# QO816L100RB

Load center, QO, 1 phase, 8 spaces, 16 circuits, 100A fixed main lugs, NEMA3R



### Main

Marketing Trade Name	QO
Product Type	Load Center
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
PoN Convertible Mains (lugs)	Fixed Mains (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 3 wires
Voltage Rating	120/240 V AC
Wire Size	AWG 8...AWG 1 aluminium/copper
Ground Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Busbar Material	Tin plated aluminium: busbar
Enclosure Material	Welded galvannealed steel
Surface Finish	Baked enamel Gray
Box Number	2R
Height	12.6 in (321 mm)
Width	8.9 in (226 mm)

## Environment

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

## Ordering and shipping details

Category	US1DE3A00101
Discount Schedule	DE3A
GTIN	785901785750
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.0000000000 in (12.7 cm)
Package 1 Width	10.30 in (26.16 cm)
Package 1 Length	14.30 in (36.32 cm)
Package 1 Weight	9.74 lb(US) (4.42 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	80
Package 2 Height	4.8 in (12.2 cm)
Package 2 Width	10.1 in (25.7 cm)
Package 2 Length	14.2 in (36.1 cm)
Package 2 Weight	825.0 lb(US) (374.2 kg)

## 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations

## Contractual warranty

Warranty	18 months
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