

# Product data sheet

## Characteristics

# QO816L100DS

Load center, QO, 1 phase, 8 spaces, 16 circuits, 100A fixed main lugs, NEMA1, door surface cover, UL



### Main

Marketing Trade Name	QO
Product Type	Load Center
Cover Type	Surface cover with door

### 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
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 sheet steel
Surface Finish	Baked enamel Gray
Box Number	4
Height	12.56 in (319 mm)
Width	8.90 in (226 mm)
Depth	3.74 in (95 mm)

### Environment

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

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## Ordering and shipping details

Category	00101-QO 1PH LC,2-8CKT,NEMA 1,3R
Discount Schedule	DE3A
GTIN	785901785743
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.60 in (11.684 cm)
Package 1 Width	10.80 in (27.432 cm)
Package 1 Length	14.40 in (36.576 cm)
Package 1 Weight	8.25 lb(US) (3.742 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	78
Package 2 Height	33.50 in (85.09 cm)
Package 2 Width	40.00 in (101.6 cm)
Package 2 Length	48.00 in (121.92 cm)
Package 2 Weight	686.00 lb(US) (311.164 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	<a href="#">Yes</a>
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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