Product data sheet

Specifications

SQUARE D

Green Premium™

LOADCENTRE QO MLO 240V 100A 1PH 8SP N1

QO816L100DF

Main

Marketing Trade Name	QO
Product Type	Loadcentre
Cover Type	Flush cover with door

Complementary

Tightening Torque	Main lugs 50 lb.in, AWG 8, aluminum/copper Main lugs 50 lb.in, AWG 6...AWG 1/0, aluminum/copper
Load Center Type	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 aluminum/copper
Ground Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Wiring Configuration	3-wire
Busbar Material	Tin plated aluminum: busbar
Enclosure Material	Welded sheet steel
Surface Finish	Baked enamel grey
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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.40 in (11.176 cm)
Package 1 Width	10.70 in (27.178 cm)
Package 1 Length	14.40 in (36.576 cm)
Package 1 Weight	8.29 lb(US) (3.76 kg)
Unit Type Of Package 2	PAL
Number Of Units In Package 2	78
Package 2 Height	34.00 in (86.36 cm)
Package 2 Width	40.00 in (101.6 cm)
Package 2 Length	48.00 in (121.92 cm)
Package 2 Weight	687.00 lb(US) (311.618 kg)

Contractual warranty

Warranty	18 months

Life Is On | Schneider Electric

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium 〉

Guide to assess a product's sustainability 〉

Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations