

Product data sheet

Specifications

SQUARE D

Green Premium™



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

QO8L100S

Main

Marketing Trade Name	QO
Product Type	Loadcentre
Cover Type	Surface cover

Complementary

Tightening Torque	Main lugs 50 lb.in, AWG 6...AWG 1, 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	8
Maximum Number of Tandem Breakers	0
Number of Phases	1 phase
Voltage Rating	120/240 V AC
Ground Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Wiring Configuration	3-wire
Busbar Material	Tin plated aluminum busbar
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	cULus

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	7.83 lb(US) (3.55 kg)
Package 1 Height	4.29 in (10.9 cm)
Package 1 width	10.79 in (27.4 cm)
Package 1 Length	14.29 in (36.3 cm)
Unit Type of Package 2	PAL
Number of Units in Package 2	78
Package 2 Weight	610.46 lb(US) (276.9 kg)
Package 2 Height	4.29 in (10.9 cm)
Package 2 width	10.79 in (27.4 cm)
Package 2 Length	14.29 in (36.3 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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