

# Product data sheet

Specifications

SQUARE D



Load center, QO, 1 phase, 6 spaces, 12 circuits, 100A fixed main lugs, NEMA1, door surface cover

QO612L100DS

Product availability: Stock - Normally stocked in distribution facility

## 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	6
Max Short Circuit Current Rating	10 kA
Maximum Number of Single Pole Circuits	12
Maximum Number of Tandem Breakers	6
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 sheet steel
Surface Finish	Baked enamel Gray
Box Number	4
Height	12.6 in (319 mm)
Width	8.9 in (226 mm)
Depth	3.7 in (95 mm)

## Environment

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

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

## Ordering and shipping details

Category	US1DE3A00101
Discount Schedule	DE3A
GTIN	785901785620
Returnability	Yes
Country of origin	MX

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	14.40 in (36.576 cm)
Package 1 Width	4.40 in (11.176 cm)
Package 1 Length	10.70 in (27.178 cm)
Package weight(Lbs)	8.300 lb(US) (3.765 kg)

## Contractual warranty

Warranty	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Environmental footprint

Carbon footprint (kg CO2 eq, Total Life cycle)	18
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## Use Better

### Materials and Substances

Packaging made with recycled cardboard	No
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Packaging without single use plastic	No
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EU RoHS Directive	Not applicable, out of EU RoHS legal scope
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REACH Regulation	<a href="#">REACH Declaration</a>
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California proposition 65	<b>WARNING:</b> 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>
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## Use Again

### Repack and remanufacture

Circularity Profile	No need of specific recycling operations
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Take-back	No
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Technical Illustration

Dimensions

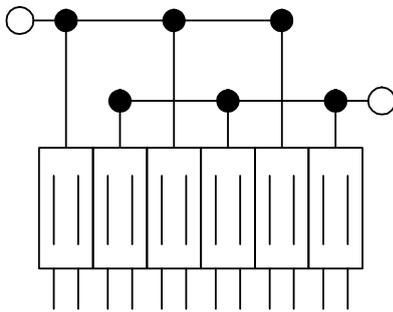
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Technical Illustration

Wiring diagram

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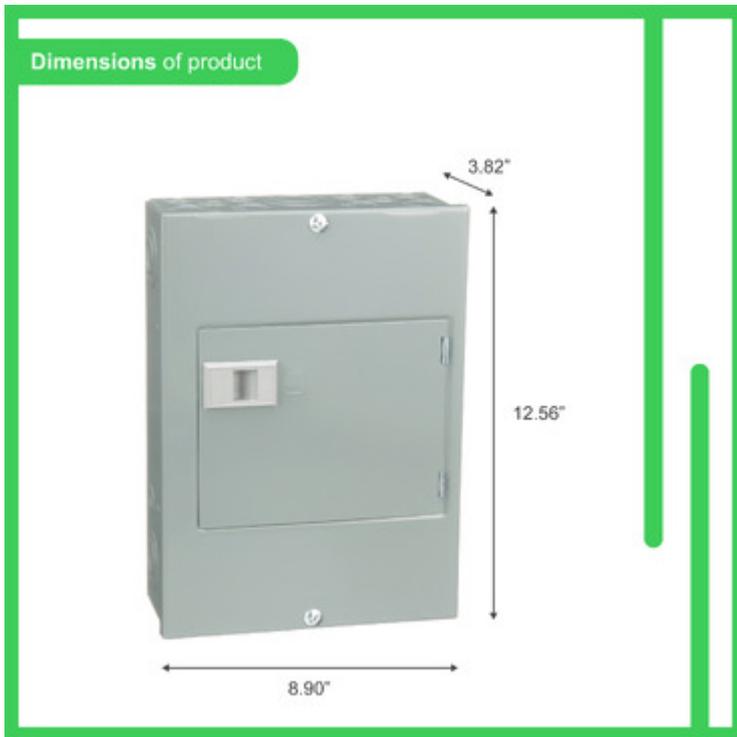
S/N



- QO612L100F
- QO612L100S
- QO612L100DF
- QO612L100DS
- QO612L100DFCU
- QO612L100DSCU

Image of product / Alternate images

Alternative



**100A**  
120/240 V- Max., 1Ø, 50/60 Hz.

**6** Spaces  
Espacios

**12** Circuits  
Circuitos

Main Lugs  
Zapatasy principales

Indoor  
Interior

**QO612L100DS**

**INCLUDES**

Surface

8.0 lbs / 3.6 kg  
W8.9" x H12.6" x D3.9"

Purchase Separately:  
QO circuit breakers and PK7GTA  
Ground bar kit

A blue vertical banner contains product specifications: 100A (120/240 V- Max., 1Ø, 50/60 Hz.), 6 Spaces (Espacios), 12 Circuits (Circuitos), Main Lugs (Zapatasy principales), and Indoor (Interior). To the right, under 'INCLUDES', is a small image of the panel, the word 'Surface', and weight/dimension information (8.0 lbs / 3.6 kg, W8.9" x H12.6" x D3.9"). Below that, it lists items to be purchased separately: QO circuit breakers and PK7GTA Ground bar kit. At the bottom right, the model number QO612L100DS is displayed in a green box.