

# Product data sheet

Specifications

SQUARE D



Load center, QO, 1 phase, 6 spaces, 6 circuits, 100A convertible main lugs, NEMA3R

QO6L100RB

Product availability: Stock - Normally stocked in distribution facility

## 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	6
Max Short Circuit Current Rating	10 kA
Maximum Number of Single Pole Circuits	6
Maximum Number of Tandem Breakers	0
Number of Phases	1 phase 3 wires
Voltage Rating	120/240 V AC
Ground Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Busbar Material	Tin plated aluminium: busbar
Enclosure Material	Welded galvanized steel
Surface Finish	Baked enamel Gray
Height	12.5 in (317 mm)
Width	8.8 in (223 mm)
Depth	4.02 in (102 mm)

## Environment

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

## Ordering and shipping details

Category	US1DE3A00156
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Discount Schedule</b>	DE3A
<b>GTIN</b>	785901965725
<b>Returnability</b>	Yes
<b>Country of origin</b>	MX

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	5.12 in (13.0 cm)
<b>Package 1 Width</b>	10.12 in (25.7 cm)
<b>Package 1 Length</b>	14.29 in (36.3 cm)
<b>Package weight(Lbs)</b>	9.68 lb(US) (4.39 kg)
<b>Unit Type of Package 2</b>	PAL
<b>Number of Units in Package 2</b>	96
<b>Package 2 Height</b>	40.00 in (101.6 cm)
<b>Package 2 Width</b>	36.00 in (91.44 cm)
<b>Package 2 Length</b>	48.00 in (121.92 cm)
<b>Package 2 Weight</b>	942.607 lb(US) (427.559 kg)

## Contractual warranty

<b>Warranty</b>	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)	25
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## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Under investigation
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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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