Product data sheet

Specifications



Load center, QO, 1 phase, 2 spaces, 2 circuits, 40A fixed main lugs, NEMA3R

QO2L40RB

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 35 lb.in, AWG 14...AWG 10, aluminium/copper Main lugs 40 lb.in, AWG 8...AWG 4, aluminium/copper Main lugs 35 lb.in, AWG 12...AWG10, aluminium/copper
PoN Convertible Mains (lugs)	Fixed Mains (lugs)
Rated Current	40 A
Number of Spaces	2
Max Short Circuit Current Rating	65 kA
Maximum Number of Single Pole Circuits	2
Maximum Number of Tandem Breakers	0
Number of Phases	1 phase 3 wires
Voltage Rating	120/240 V AC
Wire Size	AWG 14...AWG 6 copper AWG 12...AWG 6 aluminium
Mounting Mode	Vertical
Ground Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Busbar Material	Tin plated aluminium: busbar
Enclosure Material	Welded galvannealed steel
Surface Finish	Baked enamel Gray
Box Number	1R
Height	9.4 in (238 mm)
Width	4.9 in (124 mm)
Product Weight	4.949 lb(US) (2.245 kg)

Environment

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

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Product Certifications	UL Listed

Ordering and shipping details

Category	US1DE3A00101
Discount Schedule	DE3A
GTIN	785901785118
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.800 in (12.192 cm)
Package 1 Width	5.800 in (14.732 cm)
Package 1 Length	11.000 in (27.940 cm)
Package weight(Lbs)	4.949 lb(US) (2.245 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	213
Package 2 Height	40.000 in (101.600 cm)
Package 2 Width	40.000 in (101.600 cm)
Package 2 Length	48.000 in (121.920 cm)
Package 2 Weight	1063.509 lb(US) (482.399 kg)

Contractual warranty

Warranty (in months)	18

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

Total lifecycle Carbon footprint	**13 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**12 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.8 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0.1 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.2 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
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 www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

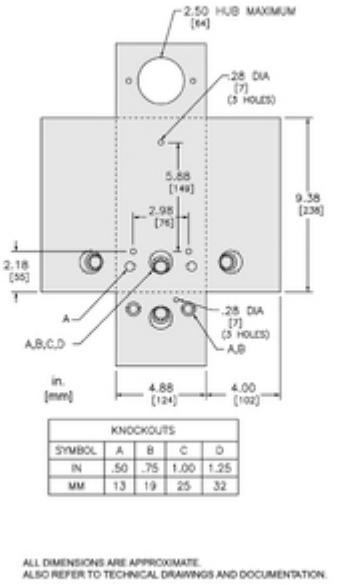
Use Again

Repack and remanufacture

Recyclability potential, in %	**89**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**

Technical Illustration

Dimensions



KNOCKOUTS				
SYMBOL	A	B	C	D
IN	.50	.75	1.00	1.25
MM	13	19	25	32

ALL DIMENSIONS ARE APPROXIMATE.
ALSO REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION.

Technical Illustration

Wiring diagram

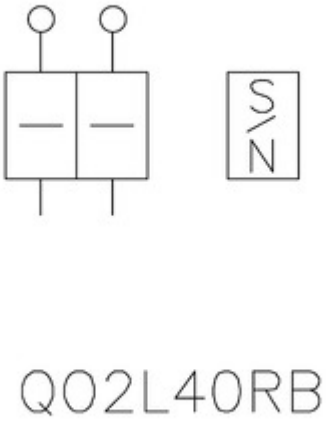


Image of product / Alternate images

Alternative







