

Product data sheet

Specifications

SQUARE D



Generator panel, QO, 1 phase, 4 spaces, 8 circuits, 50A main breaker with interlock, NEMA3R, gnd bar

QO1DM10050TRBR

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Marketing Trade Name	QO
Product Type	Panel
Cover Type	Surface cover
Provided Equipment	Grounding bar

Complementary

PoN Convertible Mains (lugs)	Main breaker
Rated Current	100 A
Number of Spaces	4
Max Short Circuit Current Rating	10 kA
Maximum Number of Single Pole Circuits	8
Maximum Number of Tandem Breakers	4
Number of Phases	1 phase 3 wires
Voltage Rating	120/240 V AC
Wire Size	AWG 8...AWG 2 copper
Mounting Mode	Vertical
Ground Bar	Grounding bar (factory installed)
Electrical Connection	Lugs
Busbar Material	Tin plated aluminium: busbar
Enclosure Material	Welded galvanized steel
Surface Finish	Baked enamel Gray
Box Number	17R
Height	12.6 in (321 mm)
Width	8.9 in (226 mm)
Depth	4.06 in (103 mm)
Product Weight	12.280 lb(US) (5.570 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
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Ordering and shipping details

Category	US1DE3A00101
Discount Schedule	DE3A
GTIN	785901468806
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.900 in (12.446 cm)
Package 1 Width	10.300 in (26.162 cm)
Package 1 Length	14.300 in (36.322 cm)
Package weight(Lbs)	12.225 lb(US) (5.545 kg)

Contractual warranty

Warranty (in months)	18
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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

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 By Exemption
REACH Regulation	Reference contains 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
PVC free	No

Use Longer



Lifetime extension

Repair	No
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Use Again

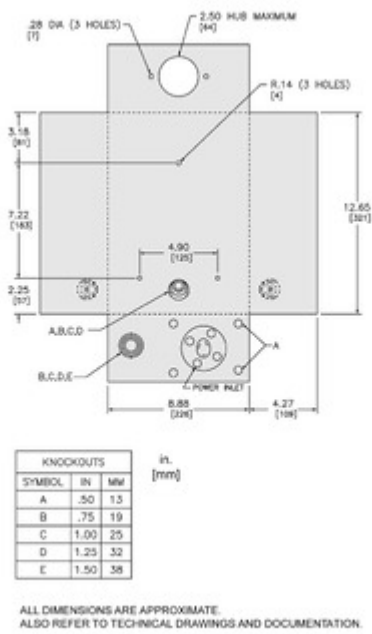


Repack and remanufacture

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

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

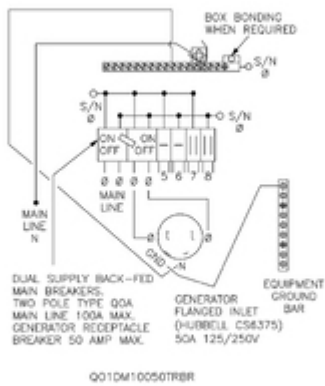


Image of product / Alternate images

Alternative





