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

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
Wire Size	AWG 8...AWG 2 copper
Ground Bar	Grounding bar (factory installed)
Electrical Connection	Lugs
Busbar Material	Tin plated aluminium: busbar
Enclosure Material	Welded galvannealed 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)
Net 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)
Product Certifications	UL Listed

Ordering and shipping details

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

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	18 months

Technical Illustration

Dimensions

| KNOCKOUTS		
SYMBOL	IN	MM
A	.50	13
B	.75	19
C	1.00	25
D	1.25	32
E	1.50	38

in.
[mm]
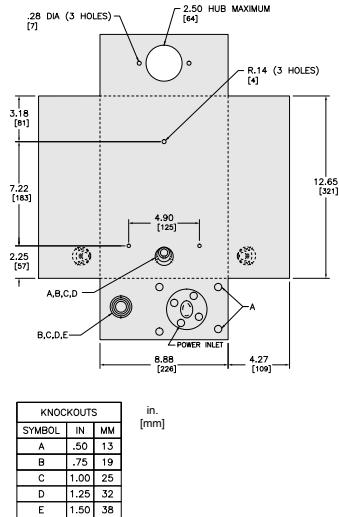
ALL DIMENSIONS ARE APPROXIMATE.
ALSO REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION.

Technical Illustration

Wiring diagram

BOX BONDING
WHEN REQUIRED

S/N
Ø

S/N
Ø

S/N
Ø

ON ON
OFF OFF

5 6 7 8

Ø Ø Ø Ø

MAIN
LINE

MAIN
LINE
N

GND N

Ø Ø

EQUIPMENT
GROUND
BAR

DUAL SUPPLY BACK—FED
MAIN BREAKERS.
TWO POLE TYPE QOA
MAIN LINE 100A MAX.
GENERATOR RECEPTACLE
BREAKER 50 AMP MAX.

GENERATOR
FLANGED INLET
(HUBBELL CS6375)
50A 125/250V
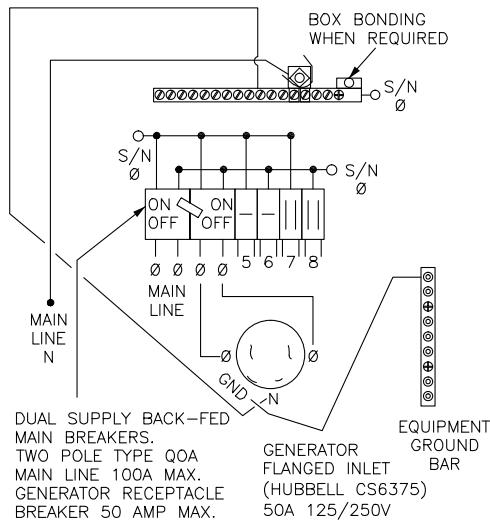
QO1DM10050TRBR

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Image of product / Alternate images

Alternative