

Product data sheet

Characteristics

QO124M100PRB

Load center, QO, 1 phase, 24 spaces, 34 circuits, 100A convertible main breaker, PoN, NEMA3R, UL



Main

Marketing Trade Name	QO
Product	Load Center
Enclosure Type	Weatherproof enclosure
Cover Type	Surface cover

Complementary

Load Center Type	Main breaker
Rated Current	100 A
Number of Spaces	24
Max Short Circuit Current Rating	22 kA
Maximum Number of Single Pole Circuits	34
Maximum Number of Tandem Breakers	0
Number of Phases	1 phase
Wire Size	AWG 6...AWG 2/0 aluminium/copper
Grounding Bar	Grounding bar (ordered separately)
Electrical Connection	Lugs
Wiring Configuration	3-wire
Busbar Material	Tin plated copper busbar
Enclosure Material	Welded galvanized steel
Cover Finish	Baked enamel Gray
Box Number	4R
Height	22.05 in (560 mm)
Width	14.76 in (375 mm)

Environment

Enclosure Rating	NEMA 3R outdoor
Ambient Air Temperature for Operation	23 °F (-5 °C) 104 °F (40 °C)
Product Certifications	UL Listed

Ordering and shipping details

Category	10002 - QO PON 1PH LC,12-60 CKT, N3R
Discount Schedule	DE3A
GTIN	00785901137566
Nbr. of units in pkg.	1
Package weight(Lbs)	27.7 lb(US) (12.56 kg)
Returnability	Yes
Country of origin	US

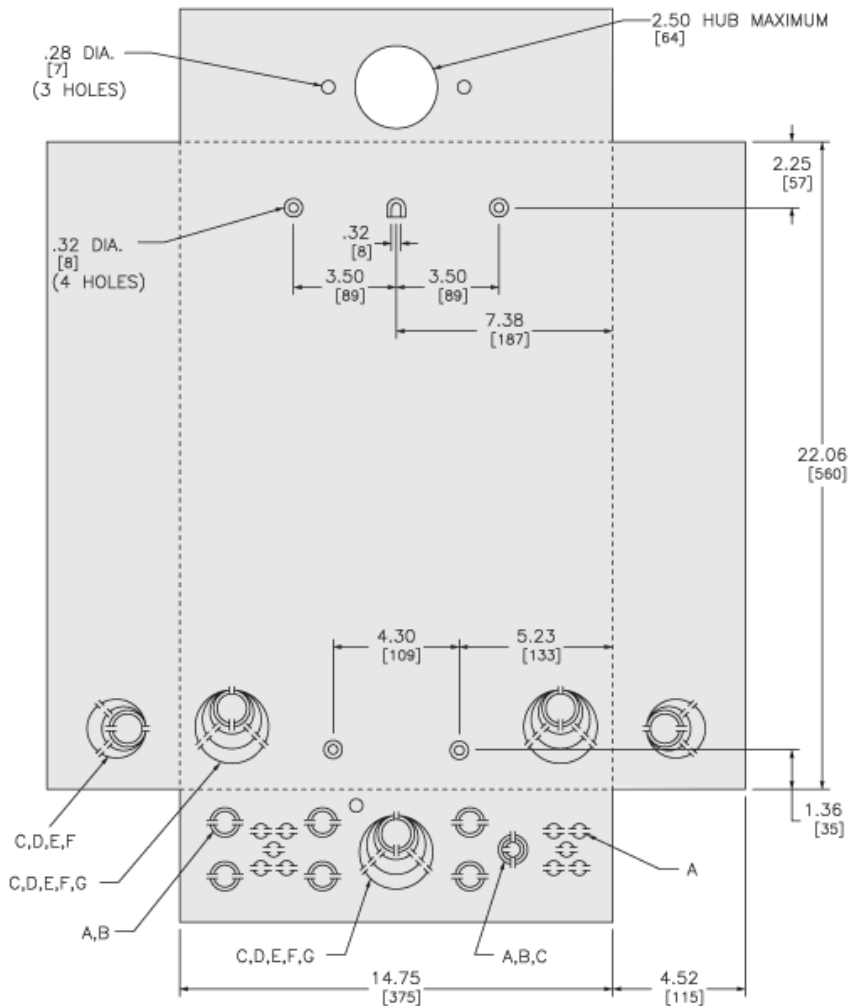
Packing Units

Unit Type of Package 1	PCE
Package 1 Height	4.80 in (12.192 cm)
Package 1 width	15.50 in (39.37 cm)
Package 1 Length	23.70 in (60.198 cm)
Unit Type of Package 2	PAL
Number of Units in Package 2	40
Package 2 Weight	1028.00 lb(US) (466.293 kg)
Package 2 Height	43.00 in (109.22 cm)
Package 2 width	40.00 in (101.6 cm)
Package 2 Length	48.00 in (121.92 cm)

Offer Sustainability

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
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration

Approximate Dimensions



KNOCKOUTS							
SYMBOL	A	B	C	D	E	F	G
IN	.50	.75	1.00	1.25	1.50	2.00	2.50
MM	13	19	25	32	38	51	64

in.
[mm]

WHEN MONTING THESE LOAD CENTERS,
ALLOW 1.25 INCHES OF CLEARANCE ON HINGED SIDE FOR THE DOOR TO OPEN.

Connections and Wiring Diagrams

