

Product data sheet

Characteristics

QO142L225PGC

Load center, QO, 1 phase, 42 spaces, 52 circuits, 225A convertible main lugs, PoN, NEMA1, gnd bar, combo cover, UL



Main

Marketing Trade Name	QO
Product Type	Load Center
Cover Type	Combination flush/surface cover

Complementary

Tightening Torque	Main lugs: 250 lb.in, AWG 4...250 kcmil, aluminium/copper
Load Center Type	Main lugs
Rated Current	225 A
Number of Spaces	42
Max Short Circuit Current Rating	65 kA
Maximum Number of Single Pole Circuits	52
Maximum Number of Tandem Breakers	10
Number of Phases	1 phase
Wire Size	AWG 6...300 kcmil aluminium/copper
Ground Bar	Grounding bar included (not installed)
Electrical Connection	Lugs
Wiring Configuration	3-wire
Busbar Material	Tin plated copper: busbar
Enclosure Material	Welded sheet steel
Surface Finish	Baked enamel grey
Box Number	11
Height	37.99 in (965 mm)
Width	14.25 in (362 mm)

Environment

Enclosure Rating	NEMA 1 for indoor
Ambient Air Temperature for Operation	23 °F (-5 °C) 104 °F (40 °C)
Product Certifications	UL Listed

Ordering and shipping details

Category	10003 - QO PON 1PH LC,12-60 CKT, ML N1
Discount Schedule	DE3A
GTIN	00785901981169
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	Yes
Country of origin	US

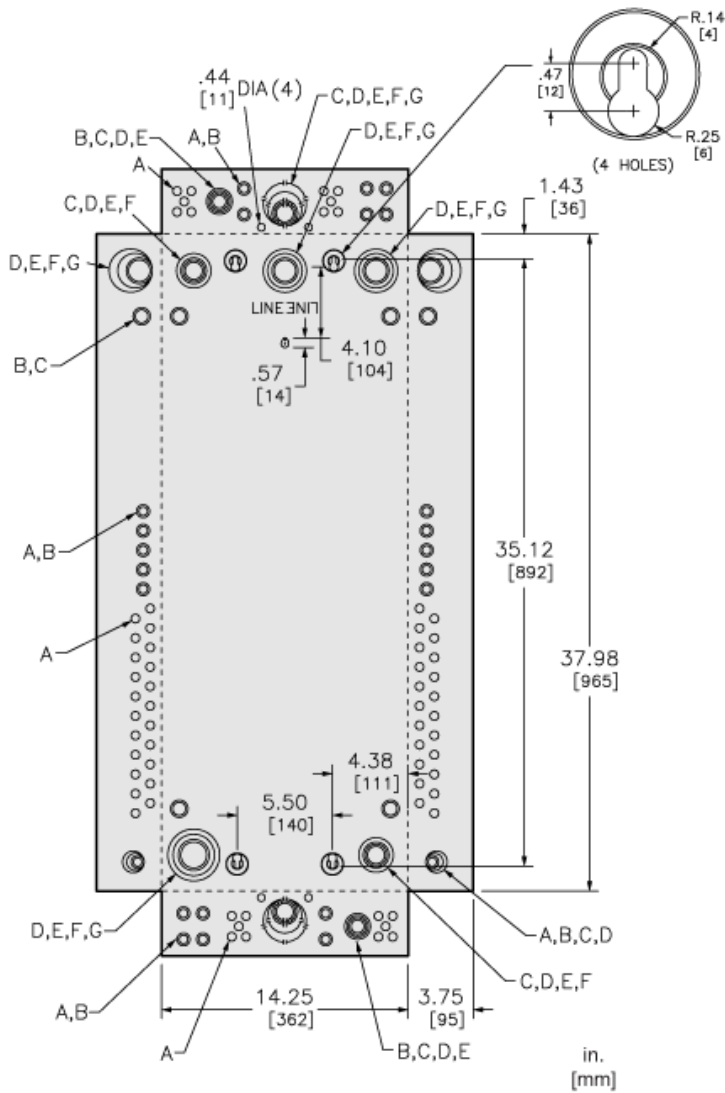
Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.60 in (14.224 cm)
Package 1 width	16.00 in (40.64 cm)
Package 1 Length	40.80 in (103.632 cm)
Unit Type of Package 2	PAL
Number of Units in Package 2	18
Package 2 Weight	650.00 lb(US) (294.835 kg)
Package 2 Height	37.00 in (93.98 cm)
Package 2 width	40.00 in (101.6 cm)
Package 2 Length	48.00 in (121.92 cm)

Offer Sustainability

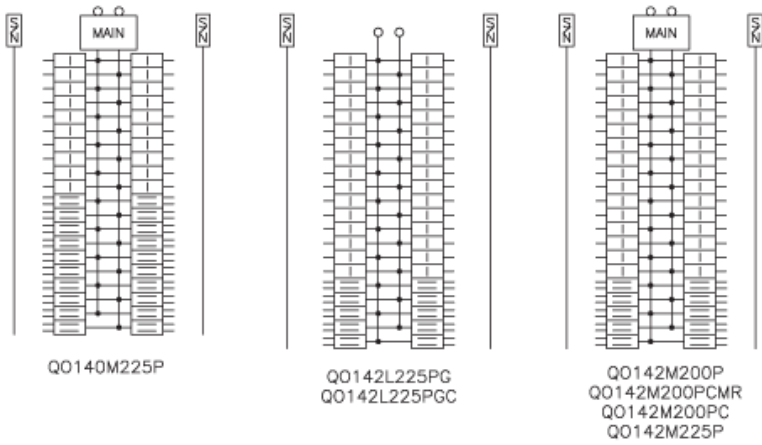
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
REACH Regulation	REACH Declaration
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

Connections and Wiring Diagrams



CATALOG NUMBER	MAXIMUM SYSTEM VOLTAGE	MAIN AMPERE RATING	SPACES	MAXIMUM NUMBER OF SINGLE POLE CIRCUITS	MAIN WIRE SIZE AWG AL/CU
QO140M225P	120/240VAC 1Ø 3W	225	40	60	#4-300
QO142M225P			42	52	
QO142L225PG					
QO142L225PGC					
QO142M200P		200	42	52	
QO142M200PC					
QO142M200PCMR					