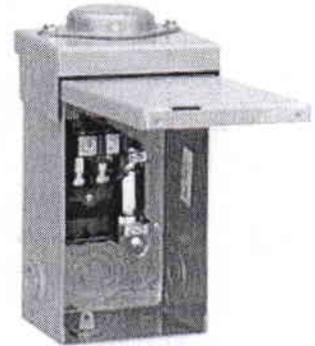


Square D Load Centers



Square D outdoor rated load centers can be used for multiple purposes, for wiring that meets the National Electric Code (NEC). Can be used as an AC load center or sub-panel. Not supplied with any breakers.

Specifications

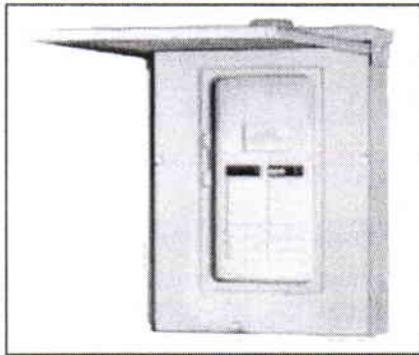
Model Number	Spaces (Single)	Bus Amp Rating	Outdoor	Cover	Max wire in main lug	Ground Kit for this unit	Dimenions (inches)	Weight (lbs.)
QO24L70RB	2	70	Yes	Included	#4	PK4GTA	9.38 x 4.88 x 4	5.0
→ QO612L100RB	6	100	Yes	Included	#1	PK7GTA	12.62 x 8.88 x 4.27	9.7

Six-Slot QO612L100RB:



1-800-GRAYBAR

Products are continually being added. For assistance, contact your local Gray

Item Details

Category	Load Centers, Single Phase - Main Lug
Mfg Name	Square D
Mfg Part Num	QO612L100RB
Graybar ID	88243006
Description	Main Lugs, QO Load Center 100A 1PH 6 Space Catalog Page
Long Description	Phase: Single Phase-Three Wire, Maximum Voltage Rating: 120/240Vac, Mains Ampere Rating: 100, Interior Type: Fixed Mains Lug, Total Number of Spaces: 6, Maximum Single Pole Breakers: 12, Maximum Tandem Breakers: 6, RMS Short Circuit Rating: 10000, Max Al Wire Size AWG-kcmil: #8-1, Max Cu Wire Size AWG-kcmil: #8-1, Equipment Ground Bar Included: No, Accepts Feed-Thru Lugs: Not Accept Feed-thru Lug Kit, Includes: Rain Proof Box
Saleable Quantity	Each
Brand or Series	QO
Amps	100A
Wire Size	8 AWG to 1 AWG Aluminum, 8 AWG to 1 AWG Copper
No. of Spaces	6
Volts	120/240V AC

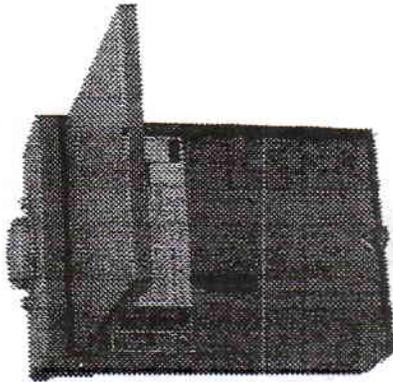




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Product Detail

QO612L100RB
LOAD CENTER QO MLO 240V 100A 1PH 6SP

[Product Characteristics](#) | [Digest Information](#) | [Docs & Literature](#) | [Pricing & Ordering](#)

Product Characteristics

QO612L100RB	MAIN LUGS, QO LOAD CENTER 100A 1PH 6 SPACE
Phase	Single Phase-Three Wire
Maximum Voltage Rating	120/240Vac
Mains Ampere Rating	100
Interior Type	Fixed Mains Lug
Total Number of Spaces	6
Maximum Single Pole Breakers	12
Maximum Tandem Breakers	6
RMS Short Circuit Rating	10000
Max Al Wire Size AWG-kcmil	#8-1
Max Cu Wire Size AWG-kcmil	#8-1
Installed Main Breaker Type	...
Equipment Ground Bar Included	No
Accepts Feed-Thru Lugs	Not Accept Feed-thru Lug Kit
Includes....	Rain Proof Box
Main Breaker Adapter	...

From the Digest

QO[®] and Homeline[®] Load Centers and Enclosures

Technical Information

Single-Phase, Three-Wire, 120/240 Vac; Main Lugs Rainproof

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number ¹	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ²	Main Wire Size AWG/kcmil A/Cu	Enclosure No. (Page 27)	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
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Fixed Mains – Factory-Installed Main Lugs

40	QO2L40RB	Included	B	10,000 A	#12 6 #14 10	1R	Top	No
60	QO24L60NRNM	Included	B	10,000 A	#14 4	1NM	Top	No
70	QO24L70RB	Included	B	10,000 A	#12 3 #14 4	1R	Top	No
100	QO612L100RB	Included	B, C	10,000 A	#8 1	2R	Top	No
	QO612L100TRB	Included	B, C	10,000 A	#8 1	2R	Top	
	QO612L100RBCU	Included	B, C	10,000 A	#8 1	2R	Top	
100	QO816L100RB	Included	B, C	10,000 A	#8 1	2R	Top	No
	QO816L100RBCU	Included	B, C	10,000 A	#8 1	2R	Top	
125	QO148L125GRB	Included	B, C	10,000 A	#12 2/0 #14 2/0	15R	Top	No

Convertible Mains – Factory-Installed Main Lugs

QOM1 Main Frame Size – Convertible to Main Circuit Breaker – Copper Bus

125	QO112L125GRB	Included	B, C	65,000 A ^{3 4}	#6 2/0	3R	Top	Yes
	QO11224L125GRB	Included	B, C	65,000 A ^{3 4}	#6 2/0	3R	Top	
	QO11624L125GRB	Included	B, C	65,000 A ^{3 4}	#6 2/0	4R	Top	
	QO124L125GRB	Included	B, C	65,000 A ^{3 4}	#6 2/0	4R	Top	

Convertible Mains – Factory-Installed Main Lugs

QOM2 Main Frame Size – Convertible to Main Circuit Breaker – Copper Bus

150	QO130L150GRB	Included	B, C	65,000 A ^{3 4}	#6 250	6R	Top	Yes
200	QO112L200GRB	Included	B, C	65,000 A ^{3 4}	#6 250	5R	Top	Yes
	QO130L200GRB	Included	B, C	65,000 A ^{3 4}	#6 250	6R	Top	
	QO13040L200GRB	Included	B, C	65,000 A ^{3 4}	#6 250	6R	Top	
	QO140L200GRB	Included	B, C	65,000 A ^{3 4}	#6 250	7R	Top	
225	QO142L225GRB	Included	B, C	65,000 A ^{3 4}	#6 300	8R	Top	Yes

¹ Convertible mains load center has a side-hinge door. Allow 1.25 in. (32 mm) on the left side for the door to open.

² Short circuit current rating depends on lowest AIR rating of main or branch circuit breaker installed.

³ UL Listed at 5000 A rms symmetrical short circuit current rating when used in 3-phase, corner grounded, Delta systems, when used as main lugs load center **only**. Use 240 Vac circuit breakers only.

⁴ 22,000 A rms symmetrical maximum when supplied by integral type QOM-VH main circuit breaker from Square D[®] with 22,000 A rms symmetrical minimum interrupting rating and when all QO[®] installed branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating.

B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed service disconnect.

C UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Article for Lighting and Appliance Branch Circuit Panelboard.