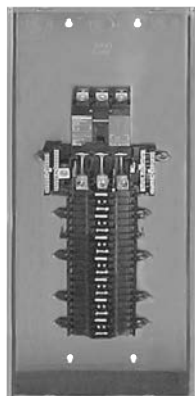


QO Standard Load Center Main Lugs and Main Breaker
(3Ø4W—208Y/120 Vac, 3Ø4W—240/120 Vac Delta
and 3Ø3W—240 Vac Delta—Indoor and Rainproof—UL Listed)

Table 1.36: Main Lugs and Main Breaker Load Centers (Accepts Only QO Plug-on Circuit Breakers - Not compatible with QO Plug-on Neutral Circuit Breakers)

	Mains Rating	Max. Number of 1P QO circuit breakers	Load Center Box and Interior	Indoor Cover with Door (Order Separately)		Main Wire Size AWG/kcmil		Equipment Ground Bar Kit (Order Separately)	Box No. [63]
			Cat. No.	Flush	Surface	Al	Cu		
INDOOR	Fixed Mains—Factory-installed Main Lugs—Copper Bus—65 kA Short Circuit Current Rating [64]								
	60 A	3	QO403L60NF/S	Cover Included With Load Center (No Door)		—	10–6	PK4GTA	13
	125 A	12	QO312L125G [65]	QOC16UF	QOC16US	6–2/0	6–2/0	Factory-incl. [66]	6
		20	QO320L125G [65]	QOC24UF	QOC24US			Factory-incl. [66]	7
		24	QO324L125G [65]	QOC24UF	QOC24US			Factory-incl. [66]	7
	200 A	18	QO318L200G [65]	QOC30UF	QOC30US	6–250	6–250	Factory-incl. [67]	9
		30	QO330L200G [65]	QOC30UF	QOC30US			Factory-incl. [67]	9
	225 A	42	QO342L225G [65]	QOC42UF	QOC42US	6–300	6–300	Factory-incl. [67]	11
	Convertible Mains—Factory-installed QDL Main Circuit Breaker—Copper Bus—25 kA Short Circuit Current Rating [68]								
	100 A	27	QO327M100 [69]	QOC30UF	QOC30US	4–2/0	4–2/0	PK15GTA	9
	125 A	30	QO330MQ125[70] [65]	QOC342MQF	QOC342MQS	4–300	4–300	PK18GTA	12
	150 A	30	QO330MQ150[70] [65]	QOC342MQF	QOC342MQS	4–300	4–300	PK18GTA	12
		42	QO342MQ150[70] [65]	QOC342MQF	QOC342MQS			PK23GTA	12
	200 A	30	QO330MQ200[70] [65]	QOC342MQF	QOC342MQS	4–300	4–300	PK18GTA	12
		42	QO342MQ200[70] [65]	QOC342MQF	QOC342MQS			PK23GTA	12
	225 A	42	QO342MQ225[70] [65]	QOC342MQF	QOC342MQS	4–300	4–300	PK23GTA	12
RAINPROOF	Fixed Mains—Factory-installed Main Lugs—Copper Bus—65 kA Short Circuit Current Rating [64] [71]								
	60 A	3	QO403L60NRB	Cover Included		—	10–6	PK4GTA	10R
	125 A	12	QO312L125GRB			6–2/0	6–2/0	Factory Incl. [66]	3R
		20	QO320L125GRB					Factory Incl. [66]	4R
	200 A	18	QO318L200GRB			6–250	6–250	Factory Incl. [67]	6R
		30	QO330L200GRB					Factory Incl. [67]	6R
	225 A	42	QO342L225GRB			6–300	6–300	Factory Incl. [67]	8R
	Convertible Mains—Factory-installed QDL Main Circuit Breaker—Copper Bus—25 kA Short Circuit Current Rating [68] [71]								
	100 A	27	QO327M100RB [69]	Cover Included		4–2/0	4–2/0	PK15GTA	6R
	125 A	30	QO330MQ125RB [70]			4–300	4–300	PK18GTA	14R
	150 A	30	QO330MQ150RB [70]			4–300	4–300	PK18GTA	14R
	200 A	30	QO330MQ200RB [70]			4–300	4–300	PK18GTA	14R
		42	QO342MQ200RB [70]					PK23GTA	14R
	225 A	42	QO342MQ225RB [70]			4–300	4–300	PK23GTA	14R

Above listings through 200 A mains rating meet Federal Specification W-P-115C as Type 1, Class 2.



QO342MQ200



QO312L125G

Table 1.37: 3Ø, Main Circuit Breakers

Amperage	25 k AIR	65 k AIR	100 k AIR [72]
Field-installed alternate main circuit breakers for QO 3Ø main circuit breaker load centers rated 70–225 A. Do not exceed the load center main rating.			
70 A	QDL32070	QGL32070	QJL32070
80 A	QDL32080	QGL32080	QJL32080
90 A	QDL32090	QGL32090	QJL32090
100 A	QDL32100	QGL32100	QJL32100
110 A	QDL32110	QGL32110	QJL32110
125 A	QDL32125	QGL32125	QJL32125
150 A	QDL32150	QGL32150	QJL32150
175 A	QDL32175	QGL32175	QJL32175
200 A	QDL32200	QGL32200	QJL32200
225 A	QDL32225	QGL32225	QJL32225

Table 1.38: 3Ø, Main Lugs Kits

Main Lugs Amperage Rating	Cat. No.	Lug Wire Size AWG/kcmil
Field-installed main lugs for convertible 3Ø main circuit breaker load centers		
125 A	QOL3125	6–2/0 Cu/Al
225 A	QOL3225	6–300 Cu/Al

[63] See page 1-29

[64] UL short circuit current rating depends on lowest interrupting rating of circuit breaker installed.

[65] For Certification to IEC 60439-1 contact the local Square D sales office; otherwise panels are **NOT** CE marked. (For use on 415Y/240 Vac 3-phase 4-wire, 3,000 Short Circuit Current Rating when QOXD...branch circuit breakers are used and 10,000 Short Circuit Current Rating when QO...VS branch circuit breakers are used).

[66] PK15GTA.

[67] PK23GTA and LK100AN.

[68] 25 kA short circuit current rating SCCR maximum with Square D Type QDL main circuit breaker, or 22 kA SCCR maximum with back-fed Type QO-VH main circuit breaker, feeding QO 10 k AIR branch circuit breakers.

[69] Includes factory-installed back fed QO3100VH main circuit breaker.

[70] 65 kA Short Circuit Current Rating maximum with field-installed Square D type QGL 65 k AIR minimum main circuit breaker feeding QO and Q1 10 k AIR minimum branch circuit breakers.

[71] Side hinge door device allow 1-1/4 in. on left side for door to open.

[72] When these 3P circuit breakers are used as the main circuit breaker of a 3Ø load center, the maximum AIR rating is 65 kA at 240 Vac and 100 kA at 208 Vac.

New!

Wiser Energy™ Smart Home

Wiser Energy from Square D is an integral part of any smart home. With Wiser Energy, you can give your home a voice. It helps you keep tabs on your home by notifying you when devices are on or off in the home, and monitors home energy usage in real time, for a safer and more efficient home.

- Keep tabs on your home activity from anywhere
- Save money on your electric bill with live energy tracking
- Get notified with instant alerts of appliances left on or off
- Take control of your energy through smart device integration

More information can be found at: www.schneider-electric.us/wiser-energy

**Table 1.89: Wiser Energy**

Description	Contents	CT Rating	Catalog Number
Wiser Energy monitoring system intended for installation in new or existing 120 V split-phase residential panels; cETLus listed			
Wiser Energy Standard Disaggregation Monitoring	Monitoring hub, Main CTs	200 A	WISEREM
Wiser Energy Solar Disaggregation Monitoring	Monitoring hub, Main CTs, Solar CTs	200 A	WISEREMPV
Wiser Energy Solar add-on CT Kit	Solar CTs (hub purchased separately)	200 A	WISEREMCTPV
Wiser Energy CT extension cable - 4 ft.	Solar CTs (hub purchased separately)	N/A	WISEREMCTEXT4
Wiser Energy CT extension cable - 12 ft.			WISEREMCTEXT12
Wiser Energy CT extension cable - 25 ft.			WISEREMCTEXT25
Wiser Energy CT extension cable - 40 ft.			WISEREMCTEXT40