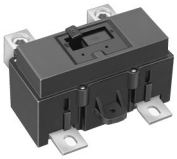

QOM2 Frame Size
100–225 Amperes

Table 1.54: QOM2 Frame Size—Use with Convertible Main Load Centers Only

Main Circuit Breaker Rating *[10]*	Convertible Load Center Mains Rating	22 k AIR *[11]* Main Circuit Breaker *[13]*	Lug Wire Size *[12]* AWG/kcmil
100 A	150–225	QOM2100VH	4–300 Al or Cu
125 A	150–225	QOM2125VH	
150 A	150–225	QOM2150VH	
175 A	200–225	QOM2175VH	
200 A	200–225	QOM2200VH	
225 A	225	QOM2225VH	

HOM Plug-on Neutral Load Center Main Breaker, Convertible Mains

1Ø3W—120/240 Vac Indoor—UL Listed

Table 1.55: Convertible Main Breaker Plug-on Neutral Load Centers (Compatible with HOM Plug-on Circuit Breakers and HOM Plug-on Neutral Circuit Breakers)

	Mains Rating	Spaces	Max. Single Pole Circuits *[14]*	Max. Tandem Circuit Breakers	Load Center Box, Interior and Cover *[15]*	Main Wire Size AWG/kcmil Al	Main Wire Size AWG/kcmil Cu	Bus Rating	Equipment Ground Bar Kit (Order Separately)	Box No. *[16]*
INDOOR	**Main Circuit Breaker—**22 kA Short Circuit Current Rating Convertible Mains—Factory-installed Main Circuit Breaker QOM1 Main Frame Size—Convertible to Main Lugs or Lower Amperage Main Circuit Breaker (See page 1-26)									
	100 A	8	16	8	HOM816M100PC	6–1		125	PK9GTA	5
		12	24	12	HOM1224M100PC	6–2/0		125	PK15GTA	6
		20	40	20	HOM2040M100PC	6–1		125	PK18GTA	7
		24	48	24	HOM2448M100PC	6–2/0		125	PK23GTA	8
		30	60	30	HOM3060M100PC	6–2/0		125	PK23GTA	10
	125 A	24	48	24	HOM2448M125PC	6–2/0	6–1/0	125	PK23GTA	8
		30	60	30	HOM3060M125PC		6–2/0	125	PK23GTA	10
	Convertible Mains—Factory-installed Main Circuit Breaker QOM2 Main Frame Size—Convertible to Main Lugs or Lower Amperage Main Circuit Breaker (See page 1-26)									
	150 A	30	60	30	HOM3060M150PC	4–250		225	PK23GTA	10
	200 A	20	40	20	HOM2040M200PC	4–250		225	PK18GTA	9
		30	60	30	HOM3060M200PC			225	PK23GTA	10
		40	80	40	HOM4080M200PC			225	PK27GTA	12
		42	84	42	HOM4284M200PC			225	PK27GTA	12
		60	120	60	HOM60120M200PC			225	PK27GTA	25
	225 A	42	84	42	HOM4284M225PC	4–300	4–250	225	PK27GTA	12
	Split Bus Plug-on Neutral Load Center—Manual Transfer for use with Temporary Backup Power Source Applications NEMA 1 (indoor)									
	200 A	36	72	36	HOM1428X2244M200PC	4–250		—	PK27GTA	12

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

1Ø, Field-Installed Mains Kits

Table 1.56: 1Ø Field Installed Main Lug Kits – Use with Convertible Main Load Centers Only

Field-Installed Main Type	Frame Size	Main *[10]* Ampere Rating	Use on Convertible Load Center with Mains Rating	Cat. No.	Lug Wire Size *[17]* AWG/kcmil
Main Lugs *[18]*	—	125 A	100–125 A	QOL125	6–2/0 Al or Cu
		125 A	100–125 A	QOL125VD	6–4/0 Al or Cu
		225 A	150–225 A	QOL225	6–300 Al or Cu
Main Circuit Breaker *[19]*	QOM1	50 A	100–125 A	QOM50VH	12–2/0 Al or Cu
		60 A	100–125 A	QOM60VH	
		70 A	100–125 A	QOM70VH	
		80 A	100–125 A	QOM80VH	
		90 A	100–125 A	QOM90VH	
		100 A	100–125 A	QOM100VH	
		110 A	125 A	QOM110VH	
		125 A	125 A	QOM125VH	
	QOM2 *[20]*	100 A	150–225 A	QOM2100VH	4–300 Al or Cu
		125 A	150–225 A	QOM2125VH	
		150 A	150–225 A	QOM2150VH	
		175 A	200–225 A	QOM2175VH	
		200 A	200–225 A	QOM2200VH	
		225 A	225 A	QOM2225VH	

QOL125

QOL225

[10] Do not exceed the load center mains rating.
[11] 22 k AIR main circuit breaker UL Listed for use ahead of QO, QOT and QO-PL 10 k AIR branch circuit breakers to permit their application on systems with up to 22 kA available fault current.
[12] Wire range listed for QOM circuit breaker kits is the wire range of that circuit breaker. To find out maximum wire size permitted in a particular load center per UL, see Main Wire Size in that load center table.
[13] Add suffix 1021 for 120, 208 or 240 Vac shunt trip.
[14] Maximum single pole branch circuits utilizing HOM and/or HOMT circuit breakers.
[15] C at end of catalog number indicates combination flush/surface cover included with device.
[16] See page 1-33
[17] Wire range listed for main device kits is the wire range of that device. To find out maximum wire size permitted in a particular load center per UL, see tables in page 1-9 and page 1-27 under Main Wire Size.
[18] If main circuit breaker knockout has been removed from the load center's trim, order appropriate filler plate from page 1-28.
[19] 22 k AIR main circuit breaker UL Listed for use ahead of HOM and HOMT 10 k AIR branch circuit breakers to permit their application on systems with up to 22 kA available fault current.
[20] Add suffix 1021 for 120, 208, 240 Vac shunt trip.

Plug-on Neutral Indoor Load Center Value Packs

Table 1.62: Plug-on Neutral Indoor Load Center Value Packs (Compatible with Plug-on and Plug-on Neutral Circuit Breakers)

	Mains Rating	Spaces	Max. 1P Circuits *[1]*	Max. Tandem Circuit Breakers	Load Center Box, Interior, Cover and Branch Circuit Breakers		Equipment Ground Bar Kit (Order Separately)	Main Wire Size| AWG/kcmil| Al/Cu		Bus Rating	Box No. *[2]*
					Cat. No.	Included Load Center/Circuit Breakers	Cat. No.				
INDOOR	QO (Accepts Only QO Plug-On Circuit Breakers) QO—Copper Bus; Convertible Mains—Factory-Installed Main Circuit Breaker, 22 kA Short Circuit Current Rating Convertible appropriate to Main Lugs (See page 1-11) or QOM Main Circuit Breaker (See page 1-23)										
	125 A	24	34	10	QO124L125PGCVP	(1) QO124L125PGC, (3) QO120, (2) QO230	PK15GTA Included	6–2/0		125	7
	225 A	42	52	10	QO142L225PGCVP OBS	(1) QO142L225PGC, (3) QO120, (2) QO230	PK23GTA Included	4–300		—	11
	Convertible Mains—Factory-Installed Main Circuit Breaker, 22 kA Short Circuit Current Rating Convertible appropriate to Main Lugs or Main Circuit Breaker (See page 1-26)										
	100 A	24	34	10	QO124M100PCVP	(1) QO124M100PC, (3) QO120, (2) QO230	PK15GTA	6–2/0		125	7
		32	38	6	QO132M100PCVP	(1) QO132M100PC, (3) QO120, (2) QO230	PK18GTA	6–2/0		125	8
	200 A	42	52	10	QO142M200PCVP	(1) QO142M200PC, (3) QO120, (2) QO230	PK23GTA	4–300		225	11
		42	52	10	QO142M200PCAFVP	(1) QO142M200PC, (3) QO120, (2) QO230, (3) QO115PCAFI	PK23GTA			—	11
	Homeline (Accepts Only HOM Plug-On Circuit Breakers); Convertible Mains—Factory-Installed Main Lugs, 10 kA Short Circuit Current Rating Convertible to appropriate QOM 22 kA Short Circuit Current Rating Main Circuit Breaker (See page 1-26)										
	125 A	12	24	12	HOM1224L125PGCVP	(1) HOM1224L125PGC, (2) HOM120	PKGTALP1 Included	6–2/0	6–1	125	6
	225 A	30	60	30	HOM3060L225PGCVP	(1) HOM3060L225PGC, (3) HOM120, (2) HOM230	PKGTALP2 Included	4–300	4–250	225	10
	Convertible Mains—Factory-Installed Main Circuit Breaker, 22 kA Short Circuit Current Rating Convertible appropriate to Main Lugs or Main Circuit Breaker (See page 1-26)										
	100 A	20	40	20	HOM2040M100PCVP	(1) HOM2040M100PC, (2) HOM120, (1) HOM230	PK18GTA	6–1	6–3	125	7
		20	40	20	HOM2040M100P-C1AVP	(1) HOM2040M100PC, (2) HOM120, (1) HOM230, (1) HOM115PCAFI	PK18GTA	6–1	6–3	125	7
		24	48	24	HOM2448M100PCVP	(1) HOM2448M100PC, (3) HOM120, (2) HOM230	PK23GTA	6–2/0	6–1/0	125	8
	150 A	30	30	30	HOM3060M150PCVP	(1) HOM3060M150PC, (3) HOM120, (2) HOM230	PK23GTA	4–250		225	10
	200 A	20	40	20	HOM2040M200PCVP	(1) HOM2040M200PC, (3) HOM120, (2) HOM230	PK18GTA	4–250		225	9
		30	60	30	HOM3060M200PCVP	(1) HOM3060M200PC, (3) HOM120, (2) HOM230	PK23GTA			225	10
		30	60	30	HOM3060M200P-C1AVP	(1) HOM3060M200PC, (3) HOM120, (2) HOM230, (1) HOM115PCAFI	PK23GTA			225	10
		30	60	30	HOM3060M200P-CAFVP	(1) HOM3060M200PC, (3) HOM120, (2) HOM230, (3) HOM115PCAFI	PK23GTA			225	10
		40	80	40	HOM4080M200PCVP	(1) HOM4080M200PC, (3) HOM120, (2) HOM230	PK27GTA			225	12
		40	80	40	HOM4080M200P-C1AVP	(1) HOM4080M200PC, (3) HOM120, (2) HOM230, (1) HOM115PCAFI	PK27GTA			225	12
		40	80	40	HOM4080M200P-CAFVP	(1) HOM4080M200PC, (3) HOM120, (2) HOM230, (3) HOM115PCAFI	PK27GTA			225	12

OBS This product is obsolete.

Table 1.63: Plug-on Neutral with Qwik-Grip Indoor Load Center Value Packs (Compatible with Plug-on and Plug-on Neutral Breakers)

	Main Ratings	Spaces	Max. 1P Circuits	Max. Tandem| Circuit Breakers	Load Center Box, Interior, Cover and Branch Circuit Breakers		Equipment Ground Bar Kit (Order Separately)	Main Wire Size| AWG/ kcmil| Al/Cu		Bus Rating	Box No. *[3]*
					Cat. No.	Included Load Center/Circuit Breakers	Cat. No.				
INDOOR	QO Convertible Mains—Factory-Installed Main Lugs, up to 65 kA Short Circuit Current Rating—Copper Bus, QOM1 Main Frame Size, Convertible to Main Circuit Breaker										
	125 A	24	34	10	QO124L125PQGCVP	(1) QO124L125PQGC, (3) QO120, (2) QO230 and (1) PKQGA Qwik-Grip assembly kit	PK15GTAL Included	6–2/0		—	7Q
	QO Convertible Mains—Factory-Installed Main Circuit Breaker, 22 kA Short Circuit Current Rating—Copper Bus, QOM2 Main Frame Size, Convertible to Main Lugs or Main Circuit Breaker										
	200 A	42	52	10	QO142M200PQCVP	(1) QO142M200PQC, (3) QO120, (2) QO230 and (1) PKQGA Qwik-Grip assembly kit	PK23GTA (Order separately)	4–250		225	11Q
	Homeline Convertible Mains—Factory-Installed Main Circuit Breaker, 22kA Short Circuit Current Rating—Copper Bus, QOM1 Main Frame Size, Convertible to Main Lugs or Main Circuit Breaker										
	100 A	20	40	20	HOM2040M100PQCVP	(1) HOM2040M100PQC, (2) HOM120, (1) HOM230 and (1) PKQGA Qwik-Grip assembly kit	PK18GTA (Order separately)	6–2/ 0	6–1	125	7Q
	200 A	30	60	30	HOM3060M200PQCVP	(1) HOM3060M200PQC, (3) HOM120, (2) HOM230 and (1) PKQGA Qwik-Grip assembly kit	PK23GTA (Order separately)	4–250		225	10Q
		40	80	40	HOM4080M200PQCVP	(1) HOM4080M200PQC, (2) HOM120, (1) HOM230 and (1) PKQGA Qwik-Grip assembly kit	PK27GTA (Order separately)	4–250		225	12Q

Table 1.64: Plug-on Neutral Rainproof Load Center Value Packs (Compatible with Plug-on and Plug-on Neutral Circuit Breakers)

	Main Ratings	Spaces	Max. 1P Circuits	Max. Tandem Circuit Breakers	Load Center Box, Interior, Cover and Branch Circuit Breakers		Equipment Ground Bar Kit (Order Separately)	Main Wire Size AWG/kcmil Al/Cu		Bus Rating	Box No. *[3]*
					Cat. No.	Included Load Center/Circuit Breakers	Cat. No.				
RAINPROOF	Homeline (Accepts Only HOM Plug-On Circuit Breakers) Convertible Mains—Factory-Installed Main Circuit Breaker, 22 kA Short Circuit Current Rating Convertible to Main Lugs or Lower Amperage QOM2 Main Circuit Breaker (See page 1-26)										
	125 A	12	24	12	HOM1224M125PRBVP	(1) HOM1224M125PRB, (3) HOM120, (2) HOM230	PK23GTA	6–2/0	6–1	125	3R
	200 A	30	60	30	HOM3060M200PRBVP	(1) HOM3060M200PRB, (3) HOM120, (2) HOM230	PK23GTA	4–250		225	7R

[1] Maximum single pole branch circuits utilizing QO and/or QOT circuit breakers.
[2] See page 1-33 or page 1-35
[3] See page 1-33