

**HOM Standard Load Center Main Lugs, Fixed Mains (1Ø3W—120/240 Vac Indoor—UL Listed)**

**Table 1.50: Fixed Main Lugs Load Centers (Accepts Only HOM Plug-on Circuit Breakers - Not compatible with HOM Plug-on Neutral Circuit Breakers)**

INDOOR	Mains Rating	Spaces	Max. Single Pole Circuits [1]	Max. Tandem Circuit Breakers	Load Center Box, Interior and Cover [2]	Main Wire Size AWG/kcmil		Equipment Ground Bar Kit (Order Separately)	Box No. [3]
						Al	Cu		
<b>Main Lugs—10 kA Short Circuit Current Rating Order HOM Circuit Breakers (See page 1-19) Factory-installed Fixed Main Lugs</b>									
	70 A	2	4	2	HOM24L70F/S [4] [5]	12-3	14-4	PK3GTA1	2
	100 A	6	12	6	HOM612L100F/S [4] [6]	8-1		PK7GTA	4
	125 A	4	8	4	HOM48L125GC	12-2/0	14-2/0	PK7GTA Included	21

**HOM Plug-on Neutral Load Center Main Lugs, Convertible Mains (1Ø3W—120/240 Vac Indoor—UL Listed)**

**Table 1.51: Convertible Main Lugs Plug-on Neutral Load Centers (Compatible with HOM Plug-on Circuit Breakers and HOM Plug-on Neutral Circuit Breakers)**

INDOOR	Mains Rating	Spaces	Max. Single Pole Circuits [1]	Max. Tandem Circuit Breakers	Load Center Box, Interior and Cover [2]	Main Wire Size AWG/kcmil		Equipment Ground Bar Kit (Order Separately)	Box No. [3]
						Al	Cu		
<b>Convertible Mains—Factory-installed Main Lugs</b>									
<b>QOM1 Main Frame Size—Convertible to Main Circuit Breaker (See page 1-25)</b>									
	125 A	8	16	8	HOM816L125PC	6-2/0	6-1	PK9GTA	6
		12	24	12	HOM1224L125PC		6-1	PK15GTA	6
		16	32	16	HOM1632L125PC		6-1/0	PK15GTA	8
		20	40	20	HOM2040L125PC		6-1/0	PK18GTA	8
		30	60	30	HOM3060L125PC		6-2/0	PK23GTA	10
<b>Convertible Mains—Factory-installed Main Lugs</b>									
<b>QOM2 Main Frame Size—Convertible to Main Circuit Breaker (See page 1-25)</b>									
	225 A	30	60	30	HOM3060L225PC	4-300	4-250	PK23GTA	10
		40	80	40	HOM4080L225PC		4-250	PK27GTA	12
		42	84	42	HOM4284L225PC		4-250	PK27GTA	12
		60	120	60	HOM60120L225PC		4-250	PK27GTA	25
<b>Convertible Mains—Factory-installed Main Lugs—Ground Bar Included</b>									
<b>QOM1 Main Frame Size—Convertible to Main Circuit Breaker (See page 1-25)</b>									
	125 A	8	16	8	HOM816L125PGC	6-2/0	6-1	PKGTALP1 Included	6
		12	24	12	HOM1224L125PGC		6-1	PKGTALP1 Included	6
		20	40	20	HOM2040L125PGC		6-1/0	PKGTALP1 Included	8
		24	48	24	HOM2448L125PGC		6-1/0	PKGTALP2 Included	8
<b>Convertible Mains—Factory-installed Main Lugs—Ground Bar Included</b>									
<b>QOM2 Main Frame Size—Convertible to Main Circuit Breaker (See page 1-25)</b>									
	225 A	30	60	30	HOM3060L225PGC	4-300	4-250	PKGTALP2 Included	10
		16	32	16	HOM1632L225PGC		4-250	PKGTALP1 Included	9
		20	40	20	HOM2040L225PGC		4-250	PKGTALP1 Included	9
		40	80	40	HOM4080L225PGC		4-250	PKGTALP3 Included	12
		42	84	42	HOM4284L225PGC		4-250	PKGTALP3 Included	12

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

**Field-Installed Main Circuit Breaker Kits, 1Ø**

**Table 1.52: QOM1 Frame Size—Use with Convertible Main Load Centers Only**



QOM1 Frame Size 50-125 Amperes

Main Circuit Breaker Rating [7]	Convertible Load Center Mains Rating	22 k AIR [8]		Lug Wire Size [9] AWG/kcmil
		Main Circuit Breaker		
50 A	100-125	QOM50VH		12-2/0 Al or Cu
60 A	100-125	QOM60VH		
70 A	100-125	QOM70VH		
80 A	100-125	QOM80VH		
90 A	100-125	QOM90VH		
100 A	100-125	QOM100VH		
110 A	125	QOM110VH		
125 A	125	QOM125VH		

[1] Maximum single pole branch circuits utilizing HOM and/or HOMT circuit breakers.

[2] C at end of catalog number indicates combination flush/surface cover included with device.

[3] See page 1-31

[4] F/S at end of catalog number indicates to order F for flush device or S for surface device. The cover does not have a door.

[5] HOM-GFI and HOM-AFI branch circuit breakers are limited to number 10 maximum wire.

[6] 70 A maximum branch circuit breaker, 100 A maximum back feed main circuit breaker.

[7] Do not exceed the load center mains rating.

[8] 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.

[9] 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.