

Rainproof, 1Ø, Main Lugs and Main Circuit Breakers
1Ø3W—120/240 Vac—UL Listed

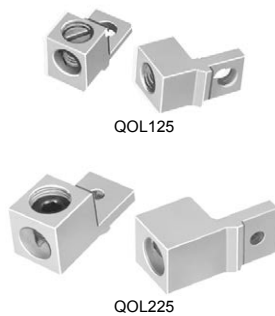
Table 1.50: Convertible Main Load Centers (Accepts Only HOM Plug-On Circuit Breakers.)

	Mains Rating	Spaces	Max. Single Pole Circuits [8]	Max. Tandem Circuit Breakers	Load Center Box, Interior and Cover	Main Wire Size AWG/kcmil		Equipment Ground Bar Kit (Order Separately)	Box No. [9]	
					Cat. No. (DE3C)	Al	Cu	Cat. No. (DE3A)		
RAINPROOF	Main Lugs—10 kA Short Circuit Current Rating Factory-installed Fixed Main Lugs, 10 kA Short Circuit Current Rating									
	70 A	2	4	2	HOM24L70RB [10]	12-3	14-4	PK4GTA	1R	
	100 A	6	12	6	HOM612L100RB [11]	8-1		PK7GTA	2R	
	125 A	4	8	4	HOM48L125GRB	12-2/0	14-2/0	PK7GTA Included	15R	
	Convertible Mains with Factory-installed Main Lugs [12], QOM1 Main Frame Size—Convertible to Main Circuit Breaker (See Below)									
	125 A	8	16	8	HOM816L125PRB	6-2/0	6-1	PK9GTA	3R	
		12	24	12	HOM1224L125PRB			PK15GTA	3R	
		20	40	20	HOM2040L125PRB			PK18GTA	4R	
		24	48	24	HOM2448L125PRB			PK23GTA	6R	
	Convertible Mains with Factory-installed Main Circuit Breaker [12], QOM2 Main Frame Size—Convertible to Main Lugs or Lower Amperage Main Circuit Breaker (See Below)									
225 A	12	12	0	HOM12L225PRB	4-300	4-250	PK9GTA	5R		
	16	32	16	HOM1632L225PRB			PK15GTA	6R		
	20	40	20	HOM2040L225PRB			PK18GTA	6R		
	30	60	30	HOM3060L225PRB			PK23GTA	7R		
	40	80	40	HOM4080L225PRB			PK27GTA	14R		
42	84	42	HOM4284L225PRB	PK27GTA	14R					
RAINPROOF	Main Circuit Breaker—22 kA Short Circuit Current Rating Convertible Mains with Factory-installed Main Circuit Breaker, QOM1 Main Frame Size—Convertible to Main Lugs or Lower Amperage Main Circuit Breaker (See Below) [13]									
	100 A	8	16	8	HOM816M100PRB	6-2/0	6-1	PK9GTA	3R	
		12	24	12	HOM1224M100PRB			PK15GTA	3R	
		20	40	20	HOM2040M100PRB			PK18GTA	4R	
	125 A	8	16	8	HOM816M125PRB	6-2/0	6-1	PK9GTA	3R	
		24	48	24	HOM2448M125PRB			PK23GTA	6R	
	Convertible Mains with Factory-installed Main Circuit Breaker, QOM2 Main Frame Size—Convertible to Main Lugs or Lower Amperage Main Circuit Breaker (See Below)									
	200 A	150 A	30	60	30	HOM3060M150PRB	4-250		PK23GTA	7R
		200 A	12	12	0	HOM12M200PRB	4-250		PK9GTA	5R
			20	40	20	HOM2040M200PRB			PK18GTA	6R
30			60	30	HOM3060M200PRB	PK23GTA			7R	
40			80	40	HOM4080M200PRB	PK27GTA			14R	
Convertible Mains with Factory-installed Main Circuit Breaker with Feed-thru Lugs, QOM2 Main Frame Size—Convertible to Main Lugs or Lower Amperage Main Circuit Breaker (See Below) [12]										
150 A	8	16	8	HOM816M150PFTRB	4-250		PK15GTA	6R		
200 A	8	16	8	HOM816M200PFTRB	4-250		PK15GTA	6R		

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

1Ø, Field-Installed Mains Kits

Table 1.51: For Convertible Load Centers Only



Field-Installed Main Type	Frame Size	Main [14] Ampere Rating	Use on Convertible Load Center with Mains Rating	Cat. No.	Lug Wire Size [15] AWG/kcmil
Main Lugs [16]	—	125 A	100-125 A	QOL125	6-2/0 Al or Cu
		225 A	150-225 A	QOL225	6-300 Al or Cu
Main Circuit Breaker [13]	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 [17]	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			

[8] Maximum single pole branch circuits utilizing HOM and/or HOMET circuit breakers.

[9] See Rainproof, Dimensions, Knockouts and Bolt-on Hubs, page 1-22

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

[11] 70 A maximum branch circuit breaker, 100 A maximum back feed main circuit breaker.

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

[13] 22 k AIR main circuit breaker UL Listed for use ahead of HOM and HOMET 10 k AIR branch circuit breakers to permit their application on systems with up to 22 kA available fault current.

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

[15] 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 QO™ Load Centers, page 1-7 and QO™ and Homeline™ Load Centers and Circuit Breakers, page 1-14 under Main Wire Size.

[16] If main circuit breaker knockout has been removed from the load center's trim, order appropriate filler plate from QO and Homeline Load Center Accessories, page 1-15.

[17] Add suffix 1021 for 120, 208, 240 Vac shunt trip.