

**1Ø, Field-Installed Main Lugs Kits**

**Table 1.5: Use with Convertible Main Load Centers Only**



Main Lugs Rating [28]	Use on Convertible Load Center with Mains Rating	Cat. No.	Lug Wire Size [29] AWG/kcmil Al or Cu
125 A	100–125 A	QOL125 [30]	6–2/0
225 A	150–225 A	QOL225 [30]	6–300

**Indoor, 1Ø, Main Lugs and Main Breaker**

QO Plug-on Neutral Load Centers and CAFI Breakers connect are engineered for a quick Plug-on Neutral connection on every unit.

**Table 1.6: QO Plug-on Neutral CAFI Load Center (accepts QO Circuit Breakers only)**

	Mains Rating	Spaces	Max. 1P Circuits	Max. Tandem Breakers	Load Center Box and Interior	Indoor Cover with Door (Order Separately)		Main Wire Size AWG/kcmil Al/Cu	Equipment Ground Bar Kit [31] (Order Separately)	Box No. [32]	
						Flush	Surface				
INDOOR	Convertible Mains — Factory-Installed Main Lugs — 65 kA Short Circuit Current Rating — Copper Bus QOM1 Main Frame Size, Convertible to Main Circuit Breaker										
	125 A	24	24	0	QO124L125PG	QOC24UF	QOC24US	6–2/0	PK15GTA	7	
	Convertible Mains — Factory-Installed Main Lugs — 65 kA Short Circuit Current Rating — Copper Bus QOM2 Main Frame Size, Convertible to Main Circuit Breaker										
	200 A	30	30	0	QO130L200PG	QOC30UF	QOC30US	6–250	PK23GTA, LK100AN	9	
	225 A	42	42	0	QO142L225PG	QOC42UF	QOC42US	6–300	(2) PK15GTA	11	
		54	54	0	QO154L225PG	QOC54UF	—		PK23GTA, LK100AN	12	
	Convertible Mains — Factory-Installed Main Circuit Breaker — 22 kA Short Circuit Current Rating — Copper Bus QOM1 Main Circuit Breaker Frame Size, Convertible to Main Lugs or Lower Amperage Main Circuit Breaker										
	100 A	24	24	0	QO124M100P	QOC24UF	QOC24US	6–2/0	PK15GTA	7	
	Convertible Mains — Factory-Installed Main Circuit Breaker — 22 kA Short Circuit Current Rating — Copper Bus QOM2 Main Circuit Breaker Frame Size, Convertible to Main Lugs or Lower Amperage Main Circuit Breaker										
	200 A	30	30	0	QO130M200P	QOC30UF	QOC30US	4–250	PK18GTA	9	
		42	42	0	QO142M200P	QOC42UF	QOC42US		PK23GTA	11	
		54	54	0	QO154M200P	QOC54UF	—		PK23GTA	12	
60		60	0	QO160M200PC [33]	—	—	PK23GTA		24		
OUTDOOR	Convertible Mains — Factory-Installed Main Lugs — 65 kA Short Circuit Current Rating — Cu Bus QOM1 Main Circuit Breaker Frame Size, Convertible to Main Circuit Breaker — Equipment Ground Bar Included										
	125 A	24	24	0	QO124L125PGRB	—	—	6–2/0	PK15GTA	4R	
	Convertible Mains — Factory-Installed Main Lugs — 65 kA Short Circuit Current Rating — Cu Bus QOM2 Main Circuit Breaker Frame Size, Convertible to Main Circuit Breaker — Equipment Ground Bar Included										
	200 A	30	30	0	QO130L200PGRB	—	—	6–250	PK23GTA, LK100AN	6R	
	225 A	42	42	0	QO142L225PGRB	—	—	6–300	(2) PK15GTA	8R	
	Convertible Mains — Factory-Installed Main Circuit Breaker — 22 kA Short Circuit Current Rating — Copper Bus Convertible to Main Lugs (see below) or Lower Amperage Main Circuit Breaker (See Indoor, 1Ø, Main Lugs, page 1-3), QOM1 Main Circuit Breaker Frame Size										
	100 A	24	24	0	QO124M100PRB	—	—	6–2/0	PK15GTA	4R	
	Convertible Mains — Factory-Installed Main Circuit Breaker — 22 kA Short Circuit Current Rating — Copper Bus Convertible to Main Lugs (see below) or Lower Amperage Main Circuit Breaker (See Indoor, 1Ø, Main Lugs, page 1-3), QOM2 Main Circuit Breaker Frame Size										
	150 A	30	30	0	QO130M150PRB	—	—	4–250	PK18GTA	6R	
	200 A	30	30	0	QO130M200PRB	—	—		PK18GTA	6R	
		42	42	0	QO142M200PRB	—	—		PK23GTA	8R	



[28] Do not exceed the load center mains rating.  
 [29] Wire range listed for QOL lug kits is the wire range of that lug. 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 1-13 under main wire size.  
 [30] If main circuit breaker knockout has been removed from the load center's trim, order appropriate filler plate from Table 1.51, page 1-19  
 [31] Any catalog number containing the suffix 'G', ground bar factory is included. In addition to LK100AN where listed.  
 [32] See Indoor Knockout Information and Enclosure Dimensions, page 1-23  
 [33] Flush cover without a door is included. Door kit available separately, order QOCDK60.