

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.