

## Mains Kits, 1Ø and 3Ø

**Table 22 - 1Ø, Field-Installed Main Circuit Breaker Kits**



QOM2100VH

Main Circuit Breaker Rating <sup>78</sup>	Convertible Load Center Mains Rating	22 k AIR <sup>79</sup>	Lug Wire Size <sup>80</sup> AWG/kcmil
		Main Circuit Breaker <sup>81</sup>	
<b>QOM1 Frame Size — Use with Convertible Main Load Centers Only</b>			
50 A	100–125	QOM50VH	12–2/0 Al or Cu
60 A		QOM60VH	
70 A		QOM70VH	
80 A		QOM80VH	
90 A		QOM90VH	
100 A		QOM100VH	
110 A	125	QOM110VH	
125 A		QOM125VH	
<b>QOM2 Frame Size — Use with Convertible Main Load Centers Only</b>			
100 A	150–225	QOM2100VH	4–300 Al or Cu
125 A		QOM2125VH	
150 A		QOM2150VH	
175 A	200–225	QOM2175VH	
200 A		QOM2200VH	
225 A	225	QOM2225VH	

**Table 23 - 1Ø, Field-Installed Main Lugs Kits**



QOL125

Main Lugs Rating <sup>78</sup>	Use on Convertible Load Center with Mains Rating	Cat. No.	Lug Wire Size <sup>80</sup> AWG/kcmil Al or Cu
125 A	100–125 A	QOL125 <sup>82</sup>	6–2/0
		QOL125VD <sup>82</sup>	6–4/0
225 A	150–225 A	QOL225 <sup>82</sup>	6–300



QGL32080

78. Do not exceed the load center mains rating.  
 79. 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.  
 80. 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 Main Wire Size in that load center table.  
 81. Add suffix 1021 for 120, 208, or 240 Vac shunt trip.  
 82. If main circuit breaker knockout has been removed from the load center's trim, order appropriate filler plate from Table 1.51, page 1–24.

## 1Ø, Field-Installed Mains Kits

**Table 40 - Field-Installed Main Circuit Breaker Kits, 1Ø  
QOM1 Frame Size — (Use with Convertible Main Load Centers only)**



QOM50VH

Main Circuit Breaker Rating <sup>104</sup>	Convertible Load Center Mains Rating	22 k AIR <sup>105</sup>	Lug Wire Size AWG/kcmil <sup>106</sup>
		Main Circuit Breaker	
50 A	100–125	QOM50VH	12–2/0 Al or Cu
60 A		QOM60VH	
70 A		QOM70VH	
80 A		QOM80VH	
90 A		QOM90VH	
100 A		QOM100VH	
110 A	125	QOM110VH	
125 A		QOM125VH	

**Table 41 - Field-Installed Main Circuit Breaker Kits, 1Ø  
QOM2 Frame Size — (Use with Convertible Main Load Centers only)**



QOM2100VH

Main Circuit Breaker Rating <sup>104</sup>	Convertible Load Center Mains Rating	22 k AIR <sup>105</sup>	Lug Wire Size AWG/kcmil <sup>106</sup>
		Main Circuit Breaker <sup>107</sup>	
100 A	150–225	QOM2100VH	4–300 Al or Cu
125 A		QOM2125VH	
150 A		QOM2150VH	
175 A	200–225	QOM2175VH	
200 A		QOM2200VH	
225 A		QOM2225VH	

**Table 42 - Field-Installed Main Lug Kits, 1Ø**



QOL125

Field-Installed Main Type	Frame Size	Main Ampere Rating <sup>104</sup>	Use on Convertible Load Center with Mains Rating	Cat. No.	Lug Wire Size <sup>106</sup> AWG/kcmil
Main Lugs <sup>108</sup>	—	125 A	100–125 A	QOL125	6–2/0 Al or Cu
				QOL125VD	4–4/0 Al or Cu
	—	225 A	150–225 A	QOL225	6–300 Al or Cu

104. Do not exceed the load center mains rating.

105. 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.

106. 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.

107. Add suffix 1021 for 120, 208 or 240 Vac shunt trip.

108. If main circuit breaker knockout has been removed from the load center's trim, order appropriate filler plate from QO/Homeline Accessories, page 72.