

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

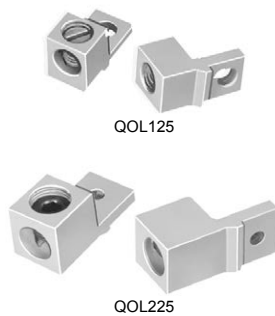
Table 1.50: Convertible Main Load Centers (Accepts Only HOM Plug-On Circuit Breakers.)

|   | 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   | <b>Main Lugs—10 kA Short Circuit Current Rating</b><br>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         |  |
|   | <b>Convertible Mains with Factory-installed Main Lugs [12], QOM1 Main Frame Size—Convertible to Main Circuit Breaker (See Below)</b>   |        |                               |                              |                                     |                          |         |   |             |  |
|   | 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          |  |
|   | <b>Convertible Mains with Factory-installed Main Lugs [12], QOM2 Main Frame Size—Convertible to Main Circuit Breaker (See Below)</b>   |        |                               |                              |                                     |                          |         |   |             |  |
| 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   | <b>Main Circuit Breaker—22 kA Short Circuit Current Rating</b><br>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          |  |
|   | <b>Convertible Mains with Factory-installed Main Circuit Breaker, QOM2 Main Frame Size—Convertible to Main Lugs or Lower Amperage Main Circuit Breaker (See Below)</b>   |        |                               |                              |                                     |                          |         |   |             |  |
|   | 200 A  | 30     | 60                            | 30                           | HOM3060M150PRB                      | 4-250                    | 4-250   | PK23GTA                                     | 7R          |  |
|   |  | 12     | 12                            | 0                            | HOM12M200PRB                        |                          |         | PK9GTA                                      | 5R          |  |
|   |  | 20     | 40                            | 20                           | HOM2040M200PRB                      |                          |         | PK18GTA                                     | 6R          |  |
| 30  |  | 60     | 30                            | HOM3060M200PRB               | PK23GTA                             |                          |         | 7R  |             |  |
| 40  |  | 80     | 40                            | HOM4080M200PRB               | PK27GTA                             |                          |         | 14R   |             |  |
| <b>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]</b> |  |        |                               |                              |                                     |                          |         |   |             |  |
| 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.