

**1Ø3W—120/240 Vac—UL Listed**

**Table 1.16: Main Lugs (Accepts Only QO Plug-On Circuit Breakers.)**

| Mains Rating  | Spaces | Max. 1P Circuits▲ | Max. Tandem Circuit Breakers | \$ Price (Interior, Box and Cover) | Load Center Box and Interior     |                  | Indoor Cover with Door (Order Separately) |                  |              | Main Wire Size AWG/kcmil      |        | Equipment Ground Bar Kit (Order Separately) |          | Box No. See Page 1-17 |
|---|--------|-------------------|------------------------------|------------------------------------|----------------------------------|------------------|---|------------------|--------------|-------------------------------|--------|---|----------|-----------------------|
|   |        |                   |                              |                                    | Cat. No.                         | \$ Price         | Flush Cat. No.                            | Surface Cat. No. | \$ Price     | Al                            | Cu     | Cat. No.                                    | \$ Price |                       |
| <b>Fixed Mains—Factory-Installed Main Lugs—10 kA Short Circuit Current Rating■</b>  |        |                   |                              |                                    |                                  |                  |   |                  |              |                               |        |   |          |                       |
| 30 A  | 2      | 2                 | 0                            | 41.70                              | QO2L30S◆★                        | 41.70            | Cover Included—Without Door               |                  |              | 12–10                         | 14–10  | PK3GTA1                                     | 11.40    | 1                     |
| 70 A  | 2      | 4                 | 2                            | 69.00                              | QO2L70F/S▼△                      | 69.00            | Cover Included—Without Door               |                  |              | 12–3                          | 14–4   | PK4GTA                                      | 10.80    | 2                     |
| 100 A   | 6      | 12                | 6                            | 87.00                              | QO612L100F/S▼□                   | 87.00            | Cover Included—Without Door               |                  |              | 8–1                           |        | PK7GTA                                      | 11.70    | 4                     |
|   | 6      | 12                | 6                            | 90.00                              | QO612L100DF/S▼□                  | 90.00            | Cover Included—With Door                  |                  |              |                               |        | PK7GTA                                      | 11.70    | 4                     |
|   | 8      | 16                | 8                            | 131.00                             | QO816L100F/S▼□                   | 131.00           | Cover Included—Without Door               |                  |              |                               |        | PK7GTA                                      | 11.70    | 4                     |
|   | 8      | 16                | 8                            | 143.00                             | QO816L100DF/S▼□                  | 143.00           | Cover Included—With Door                  |                  |              |                               |        | PK7GTA                                      | 11.70    | 4                     |
|   | 6      | 12                | 6                            | 111.00                             | QO612L100DFCU/SCU▼□◇             | 111.00           | Cover Included—Without Door               |                  |              |                               |        | PK7GTA                                      | 11.70    | 4                     |
|   | 8      | 16                | 8                            | 174.00                             | QO816L100DFCU/SCU▼□◇             | 174.00           | Cover Included—With Door                  |                  |              |                               |        | PK7GTA                                      | 11.70    | 4                     |
| 125 A   | 4      | 8                 | 4                            | 93.00                              | QO148L125GF/S▼★                  | 93.00            | Cover Included—Without Door               |                  |              | 12–2/0                        | 14–2/0 | PK7GTA*                                     |          | 21                    |
| <b>Convertible Mains—Factory-Installed Main Lugs—65 kA Short Circuit Current Rating QOM1 Main Frame Size—Convertible to Main Circuit Breaker—Cu Bus■▽</b> |        |                   |                              |                                    |                                  |                  |   |                  |              |                               |        |   |          |                       |
| 125 A   | 12     | 12                | 0                            | 196.70                             | QO112L125G                       | 159.00           | QOC16UF                                   | QOC16US          | 37.70        | 6–2/0                         |        | PK9GTA*                                     |          | 6                     |
|   | 12     | 24                | 12                           | 235.70                             | QO11224L125G                     | 198.00           | QOC16UF                                   | QOC16US          | 37.70        |                               |        | PK15GTA*                                    |          | 6                     |
|   | 16     | 16                | 0                            | 255.70                             | QO116L125G                       | 218.00           | QOC24UF                                   | QOC24US          | 37.70        |                               |        | PK12GTA*                                    |          | 7                     |
|   | 16     | 24                | 8                            | 300.70                             | QO11624L125G                     | 263.00           | QOC24UF                                   | QOC24US          | 37.70        |                               |        | PK15GTA*                                    |          | 7                     |
|   | 20     | 20                | 0                            | 271.70                             | QO120L125G                       | 234.00           | QOC24UF                                   | QOC24US          | 37.70        |                               |        | PK15GTA*                                    |          | 7                     |
|   | 20     | 24                | 4                            | 370.70                             | QO12024L125G                     | 333.00           | QOC24UF                                   | QOC24US          | 37.70        |                               |        | PK15GTA*                                    |          | 7                     |
|   | 24     | 24                | 0                            | 381.70                             | QO124L125G                       | 344.00           | QOC24UF                                   | QOC24US          | 37.70        |                               |        | PK15GTA*                                    |          | 7                     |
|   | 32     | 32                | 0                            | 434.60                             | QO132L125G                       | 395.00           | QOC32UF                                   | Use Flush        | 39.60        |                               |        | PK23GTA, LK100AN*                           |          | 8                     |
| <b>Convertible Mains—Factory-Installed Main Lugs—65 kA Short Circuit Current Rating—Convertible To Main Circuit Breaker—Cu Bus■▽</b>                      |        |                   |                              |                                    |                                  |                  |   |                  |              |                               |        |   |          |                       |
| 150 A   | 20     | 30                | 10                           | 419.00                             | QO12030L150G                     | 332.00           | QOC30UF                                   | QOC30US          | 87.00        | 6–250                         |        | PK23GTA, LK100AN*                           |          | 9                     |
|   | 24     | 24                | 0                            | 431.00                             | QO124L150G                       | 344.00           | QOC30UF                                   | QOC30US          | 87.00        |                               |        | PK15GTA*                                    |          | 9                     |
|   | 30     | 30                | 0                            | 437.00                             | QO130L150G                       | 350.00           | QOC30UF                                   | QOC30US          | 87.00        |                               |        | PK23GTA, LK100AN*                           |          | 9                     |
| 200 A   | 12     | 12                | 0                            | 353.00                             | QO112L200G                       | 266.00           | QOC30UF                                   | QOC30US          | 87.00        | 6–250                         |        | PK15GTA*                                    |          | 9                     |
|   | 24     | 36                | 12                           | 819.00                             | QO12436L200TFT◆                  | 732.00           | QOC40UF                                   | QOC40US          | 87.00        |                               |        | PK23GTA, LK100AN*                           |          | 10                    |
|   | 30     | 30                | 0                            | 494.00                             | QO130L200G                       | 407.00           | QOC30UF                                   | QOC30US          | 87.00        |                               |        | PK23GTA, LK100AN*                           |          | 9                     |
|   | 30     | 40                | 10                           | 554.00                             | QO13040L200G                     | 467.00           | QOC30UF                                   | QOC30US          | 87.00        |                               |        | PK23GTA, LK100AN*                           |          | 9                     |
|   | 40     | 40                | 0                            | 746.00                             | QO140L200G                       | 659.00           | QOC40UF                                   | QOC40US          | 87.00        |                               |        | PK23GTA, LK100AN*                           |          | 10                    |
|   | 40     | 60                | 20                           | 944.00                             | QO14060L200G                     | 857.00           | QOC40UF                                   | QOC40US          | 87.00        |                               |        | PK23GTA, LK100AN*                           |          | 10                    |
| 42  | 52     | 10                | 921.00                       | QO14252L200G                       | 810.00                           | QOC42UF          | QOC42US                                   | 111.00           | (2) PK15GTA* |                               | 11     |   |          |                       |
| 225 A   | 42     | 42                | 0                            | 828.00                             | QO142L225G                       | 717.00           | QOC42UF                                   | QOC42US          | 111.00       | 6–300                         |        | PK23GTA, LK100AN*                           |          | 11                    |
| <b>Fixed Mains—Factory-Installed Main Lugs—65 kA Short Circuit Current Rating■▽</b>   |        |                   |                              |                                    |                                  |                  |   |                  |              |                               |        |   |          |                       |
| 400 A   | 30     | 30                | 0                            | 1641.00                            | QONQ30LS400 (Int)<br>MH50 (box)◆ | 1080.00<br>75.00 | NC50NQVF                                  | NC50NQVS         | 486.00       | (1) 1/0–750<br>or (2) 1/0–300 |        | PK27GTA◆<br>or<br>PK15GTA6                  | 33.80    | 15                    |
|   | 42     | 42                | 0                            | 1746.00                            | QONQ42LS400 (Int)◆<br>MH50 (box) | 1185.00<br>75.00 | NC50NQVF                                  | NC50NQVS         | 486.00       |                               |        | 53.00                                       | 15       |                       |

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

- ▲ Maximum single pole branch circuits utilizing QO and/or QOT circuit breakers.
- UL short circuit current rating depends on lowest interrupting rating of circuit breaker installed.
- ◆ Will not accept QO-EPD or Qwik-Gard™ QO-GFI or QO-AFI circuit breakers.
- ★ Mains rated 25 A when Al wire is used.
- ▼ Order F for flush device or S for surface device.
- △ Use 10 AWG maximum size wire for GFI and AFI circuit breakers.
- 70 A Max. branch circuit breaker and 70 A max. back fed main circuit breaker.
- ◇ CU indicates copper bus.
- ☆ Copper bus.
- ▽ UL Listed 5000 A short circuit current rating for corner grounded Delta systems. Use QO-H circuit breakers only.
- Supplied with feed-thru lugs.
- \* Factory-included.
- ◆ Interior only, order box separately.
- PK27GTA includes a 6–2/0 AWG Al/Cu lug.
- PE1A Discount Schedule.



QO120L125G



QO816L100F or S  
without cover

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

**Table 1.17: Use with Convertible Main Load Centers Only**

| Main Circuit Breaker Rating | Convertible Load Center Mains Rating | QOM1 Frame Size      |          | Lug Wire Size † AWG/kcmil | QOM2 Frame Size †    |           | Lug Wire Size † AWG/kcmil |
|-----------------------------|--------------------------------------|----------------------|----------|---------------------------|----------------------|-----------|---------------------------|
|                             |                                      | 22 k AIR ◆           |          |                           | 22 k AIR ◆           |           |                           |
|                             |                                      | Main Circuit Breaker | \$ Price |                           | Main Circuit Breaker | \$ Price  |                           |
| 50 A                        | 100–125                              | QOM50VH              | 140.00   | 100 A                     | 150–225              | QOM2100VH | 468.00                    |
| 60 A                        | 100–125                              | QOM60VH              | 140.00   | 125 A                     | 150–225              | QOM2125VH | 468.00                    |
| 70 A                        | 100–125                              | QOM70VH              | 140.00   | 150 A                     | 150–225              | QOM2150VH | 468.00                    |
| 80 A                        | 100–125                              | QOM80VH              | 201.00   | 175 A                     | 200–225              | QOM2175VH | 468.00                    |
| 90 A                        | 100–125                              | QOM90VH              | 201.00   | 200 A                     | 200–225              | QOM2200VH | 468.00                    |
| 100 A                       | 100–125                              | QOM100VH             | 201.00   | 225 A                     | 225                  | QOM2225VH | 468.00                    |
| 110 A                       | 125                                  | QOM110VH             | 468.00   | —                         | —                    | —         | —                         |
| 125 A                       | 125                                  | QOM125VH             | 468.00   | —                         | —                    | —         | —                         |

■ Do not exceed the load center mains rating.

◆ 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.

† 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 pages 1-5 through 1-11 under Main Wire Size.

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



QOM1 Frame Size  
50–125 Amperes



QOM2 Frame Size  
100–225 Amperes