# NQ Panelboards

Class 1640

**1640PL0801**

Price List
March
08

**CONTENTS**

New!

NQ lighting panelboards have been redesigned to meet the evolving needs of our customers. Easier to install, improved availability, and greater installation flexibility all combine to make NQ the state of the art in lighting panelboard design.

Sub-feed Lug Kit

**Feature:**

Eleven standard boxes, and common trims with NF panelboards

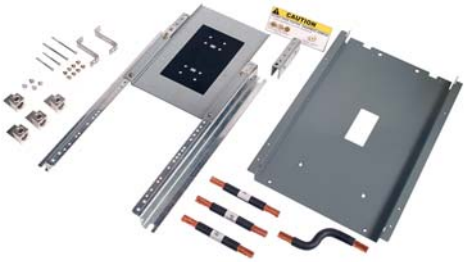
**Benefit:**

Easier for our distributors to inventory and supply from stock. Higher probability of having the right box in stock to help the electrical contractor get his project started on time.

**Feature:**

Available with six circuit counts - 18, 30, 42, 54, 72* and 84*. A change in the 2008 National Electric Code (NEC) will eliminate the 42 circuit rule and allow a higher number of circuits in a single enclosure.

***NOTE:*** **Availability for USA customers to be announced*



Sub-feed Circuit Breaker Kit

**Benefit:**

In locations that have adopted the 2008 NEC, electrical consultants and contractors will no longer have to fashion two section panels due to the 42 circuit rule in the NEC. This will save installation time, wall space and material for the installer and building owner.

**Feature:**

A full complement of field installable accessories available for RTI panelboards:

- Main circuit breakers
- Feed-through and sub-feed lugs
- Sub-feed circuit breakers
- 200% neutrals
- Copper neutrals and grounds
- 6", 12" and 18" rail and deadfront extension kits

**Benefit:**

A broad range of solutions available from distributor stock to address the electrical contractor's need for improved availability of panelboards. The new RTI kits will also provide greater versatility to adapt to last minute design changes on site so that a project can stay on schedule.

Main Circuit Breaker Kit

**Feature:**

Semi-assembled" RTI kits with more visually oriented, easier-to-understand installation instructions.

**Benefit:**

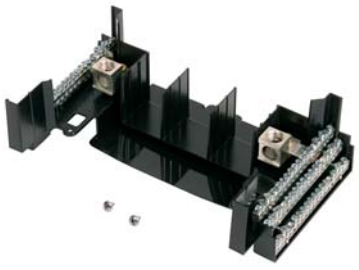
Reduced installation time and fewer errors for the electrician installing the NQ panelboard, resulting in improved productivity and higher quality installations.

**Feature:**

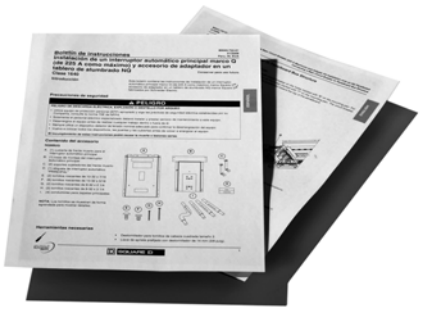
NQ accepts both QO® "plug-on" and QOB "bolt-on" circuit breakers.

**Benefit:**

Continued use of the industry's best, QO and QOB circuit breakers, provides continuity and convenience for customers currently using NQOD panelboards, which NQ will eventually replace.



200% Neutral Kit



Simplified Installation Instructions

This page contains UL Tested and Certified series combination ratings for panelboards. These ratings apply to either an integral main located in the same enclosure or a remote main located in a separate enclosure.

**Table 9.1: NQ Series Connected Circuit Breaker Ratings (RMS Symmetrical)**

| Max. System Voltage AC▲■ | Max. Short Circuit Current Rating | Square D Brand Integral or Remote Main Circuit Breakers and Remote Main Fuses | Square D Brand Branch Circuit Breaker Catalog Designation and Allowable Ampere Ranges♦★▼ | | | |
|---|---|---|---|---|---|---|
| | | | Type | 1 Pole | 2 Pole | 3 Pole |
| 120/240 1PH | 22,000 | MG | QO (B) | 15–30A | — | — |
| | 42,000 | HD, JD | QO (B) PL | | 15–60 A | 15–30 A |
| | 65,000 | HG, JG | QO (B) PL | | | |
| | 100,000 | HJ, JJ | QO (B) PL | | | |
| | 125,000 | HL, JL | QO (B) PL | | | |
| 120/240 1PH 208Y/120 | 100,000 | DJ 400A | QO (B) | 15–70 A | 15–125 A | — |
| | | | QO (B) GFI | 15–30 A | 40–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | | QO (B) VH | — | 150 A | 15–150 A |
| | | QJ | QO (B) | 15–70 A | 15–125 A | 15–30 A |
| | | | QO (B) AS | 15–30 A | 15–30 A | 15–30 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) VH | — | 150 A | 35–150 A |
| | | | QO (B) PL | 15–30 A | 15–60 A | 15–30 A |
| | | | QO (B) AFI | 15–20 A | — | — |
| 208Y/120 | 18,000 | LA, LH (L) 34200MC | QO (B) | 15–30A | 15–30 A | 15–30 A |
| | | LA, LH (L) 34225MC | | | | |
| | | LA, LH (L) 34250MC | | | | |
| | | LA, LH (L) 34400MC | | | | |
| 240 | 22,000 | QO (B) VH | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) AS | 15–30 A | 15–30 A | 15–30 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) PL | 15–30 A | 15–30 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | Q2-H | QO (B) | 15–70 A | 15–100 A | 15–30 A |
| | | | QO (B) GFI | 15–30 A | 15–30 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | 25,000 | QD | QO (B) | 15–70 A | 15–125 A | 15–30 A |
| | | | QO (B) AS | 15–30 A | 15–30 A | 15–30 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) VH | — | 150 A | 35–150 A |
| | | | QO (B) PL | 15–30 A | 15–60 A | 15–30 A |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | ED, FD | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | KD | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) AS | 15–30 A | 15–30 A | 15–30 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | HD, JD | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) VH | — | — | 35–150 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | | QO (B) H | — | 15–100 A | — |
| | | | QOB2150VH | — | 150 A | — |
| | 42,000 | LA, MA | Q2L-H | — | 100–225 A | 100–225 A |
| | | | QDL | — | 70–225 A | 70–225 A |
| | | LC400A | QO (B) | 15–70 A | — | — |
| | | | QO (B) VH | 15–30 A | 15–125 A | 15–100 A |
| | | | QOBVH | — | 150 A | — |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | LC600A | QO (B) VH | 15–30 A | 15–125 A | 15–100 A |
| | | | QOBVH | — | 150 A | — |
| | | | QO (B) GFI | — | 15–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | MG | QO (B) VH | 15–30 A | 15–30 A | 15–30 A |
| | | HD, JD | QO (B) PL | 15–30 A | 15–60 A | 15–30 A |
| | 65,000 | LC400A | QO (B) | 15–30 A | — | — |
| | | | QO (B) VH | 15–30 A | 15–125 A | 15–100 A |
| | | | QOBVH | — | 150 A | — |
| | | | QO (B) GFI | 15–30 A | — | — |
| | | | QO (B) AFI | 15–20 A | — | — |

**Table 9.1: NQ Series Connected Circuit Breaker Ratings (RMS Symmetrical)** *(continued)*

| Max. System Voltage AC▲■ | Max. Short Circuit Current Rating | Square D Brand Integral or Remote Main Circuit Breakers and Remote Main Fuses | Square D Brand Branch Circuit Breaker Catalog Designation and Allowable Ampere Ranges♦★▼ | | | |
|---|---|---|---|---|---|---|
| | | | Type | 1 Pole | 2 Pole | 3 Pole |
| 240 | 65,000 | LC600A | QO (B) VH | 15–30 A | 15–125 A | 35–100 A (3P208 V max) 15–30 A (3P240 V max) |
| | | | QOBVH | — | 150 A | — |
| | | | QO (B) GFI | — | — | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | DJ 400A | QO (B) | 15–70 A | 15–125 A | — |
| | | | QO (B) VH | — | 150 A | 15–150 A |
| | | | QO (B) H | — | 15–100 A | — |
| | | EG, FG, KG | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| 240 | 65,000 | QG | QO (B) | 15–70 A | 15–125 A | 15–30 A |
| | | | QO (B) AS | 15–30 A | 15–30 A | 15–30 A |
| | | | QO (B) VH | — | 150 A | 35–150 A |
| | | QG, HG, JG | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) PL | 15–30 A | 15–60 A | 15–30 A |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | HG, JG | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) VH | — | — | 35–150 A |
| | | | QO (B) H | — | 15–100 A | — |
| | | | QOB2150VH | — | 150 A | — |
| | | FC_ or KC_22___ | QO (B) | 15–70 A | 15–100 A | 15–100 A |
| | | FC_ or KC_32___ | QO (B) AS | 15–30 A | 15–30 A | 15–30 A |
| | 100,000 | FC_ or KC_24___ | QO (B) GFI | 15–30 A | 15–30 A | — |
| | | FC_ or KC_34___ | QO (B) AFI | 15–20 A | — | — |
| | | EJ, FJ | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | | HJ, JJ | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) VH | — | — | 35–150 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) PL | 15–30 A | 15–60 A | 15–30 A |
| | 125,000 | HL, JL | QO (B) AFI | 15–20 A | — | — |
| | | | QO (B) H | — | 15–100 A | — |
| | | | QOB 2150VH | — | 150 A | — |
| | 200,000 | FI, KI | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) AS | 15–30 A | 15–30 A | 15–30 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| 240 | 65,000 | 400 A Max. Class J or T6 Fuses | QO (B) VH | 15–30 A | 15–125 A | 15–100 A |
| | | | QOB-VH | — | 150 A | — |
| | | | QO (B) AFI | 15–20 A | — | — |
| | 100,000 | 200 A Max. Class T3 Fuses | QO (B) AFI | 15–20 A | — | — |
| | 200,000 | 200 A Max. Class J or T6 Fuses and 400 A Max. Class T3 Fuses | QO (B) | 15–70 A | 15–125 A | 15–100 A |
| | | | QO (B) AS | 15–30 A | 15–30 A | 15–30 A |
| | | | QO (B) GFI | 15–30 A | 15–60 A | — |

▲ For shown circuit breakers rated less than this maximum voltage, the indicated short circuit current rating also applies, but at the voltage rating of the circuit breaker.

■ Short circuit tests are conducted at 100–105% of the maximum rated voltage of the panelboard.

♦ Suffixes HID, SWD, and SWN may also be applied to the applicable branch circuit breakers shown above. Suffix SWN may **not** be applied in combination with LC main breakers.

★ Where QO (B) circuit breakers are shown above, QO (B) H, QO (B) VH, and QH (B) circuit breakers may also be used.

▼ Where QO (B) GFI circuit breakers are shown above, QO (B) EPD circuit breakers may also be used.

## NQ Merchandised Pricing Procedure

1. List circuit breakers required, either plug-on or bolt-on. See appropriate pages for catalog numbers.
2. Determine equivalent number of pole spaces required.
3. Select proper main lug interior (from page 6) or main lug interior and main circuit breaker adapter kit (from page 7) based on equivalent number of poles and ampere rating. Interiors include solid neutral and are field convertible to top feed.
4. Select enclosure from appropriate page.
   Type 1—Select box and front catalog number corresponding to interior catalog number.
   Type 3R, 5, 12—Select enclosure. Interior trim kit for Type 3R, 5, 12 is included with the enclosure.
5. For complete price, add the component prices. Include panelboard accessories.
6. Apply appropriate discount schedule.

## NQ Factory Assembled Pricing Procedure

The following Factory Assembled pricing procedure may be used to price NQ panelboards.

1. Select BASE PRICE for main lugs or main circuit breaker from BASE PRICE TABLE. Include equipment ground bar when required.
2. List BRANCH CIRCUIT BREAKERS (either plug-on or bolt-on) and determine total spaces required. Select price from BRANCH CIRCUIT BREAKERS TABLE. Include space only charge for future requirements.
3. If total spaces required exceeds the maximum listed, price as two or more panelboards and add price for sub-feed or feed-thru lugs, so installer can cable between sections.
4. Add price for special features from appropriate page. Contact field office for additional special features.
5. For complete price, add all prices. Order by description.

***NOTE:*** *Additional special price adders can be found in the Supplemental and Obsolescent Digest, Section 4.*

6. Apply appropriate discount schedule.

### NQ Merchandised Example:

**Table 9.2: 208Y/120 Vac, 3Ø4W, 10 kA SCCR, 225 A, MLO, Type 1 surface mount, bolt-on branch circuit breakers, main sub-feed lugs.**

| Branches | Page No. | Catalog Number | Spaces | $ Price |
|---|---|---|---|---|
| (20) 20/1 | 9 | (20) QOB120 | 20 | **530.** |
| two 40/2 | 9 | two QOB240 | 4 | **118.** |
| two 30/3 | 9 | two QOB330 | 6 | **390.** |
| | | | Total 30 | |
| 225 A MLO Interior | 6 | NQ430L2 | – | **810.** |
| Box | 6 | MH32 | – | **75.** |
| Cover | 6 | NC32S | – | **351.** |
| Sub-Feed Lugs | 6 | NQSFL2 | – | **135.** |
| | | | Total Price | **2409.** |

NQ Merchandised Panelboard

### NQ Factory Assembled Example:

**Table 9.3: 208Y/120 Vac, 3Ø4W, 10 kA SCCR, 225 A, MLO, Type 1 surface mount, bolt-on branch circuit breakers, main sub-feed lugs.**

| Item | Page No. | $ Price |
|---|---|---|
| 225 A MLO Base Price | 10 | **928.** |
| (20) 20/1 Bolt-on | 10 | **1360.** |
| two 40/2 Bolt-on | 10 | **268.** |
| two 30/3 Bolt-on | 10 | **704.** |
| Sub-Feed Lugs | 11 | **128.** |
| | Total Price | **3388.** |

NQ Factory Assembled Panelboard

## Table 9.4: Main Lug Interiors—Accepts plug-on and bolt-on circuit breakers

| Pole Spaces | Mains Rating | Total Price Interior Front and Enclosure | | Interior Only (Order Branch Circuit Breakers Separately) | | Type 1 Enclosure | | | | | | Type 3R, 5, 12 Enclosure▼ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Box 20"W x 5.75"D■ | | Mono-Flat® Front♦ | | Hinged Front | | Enclosure 20"W x 6.5"D | | Height (In.) |
| | | Type 1 | Type 3R, 5,12 | Catalog No.▲ | Price | Catalog No. | Price | Catalog No. | Price | Catalog No. | Price | Catalog No. | Price | |
| **20" Wide Cabinet△—Single Phase 3-Wire** | | | | | | | | | | | | | | |
| 18 | 100 | **929.** | **1984.** | NQ18L1 | **523** | MH26 | **75** | NC26 ( ) | **331.** | NC26( )HR | **413.** | MH26WP | **1461.** | 26 |
| 18 | | **982.** | **2037.** | NQ18L1C | **576** | MH26 | **75** | NC26 ( ) | **331.** | NC26( )HR | **413.** | MH26WP | **1461.** | 26 |
| 30 | | **1056.** | **2099.** | NQ30L1 | **630** | MH32 | **75** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 30 | | **1116.** | **2159.** | NQ30L1C | **690** | MH32 | **75** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 30 | 225 | **1162.** | **2205.** | NQ30L2 | **736** | MH32 | **75** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 30 | | **1212.** | **2255.** | NQ30L2C | **786** | MH32 | **75** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 42 | | **1334.** | **2370.** | NQ42L2 | **893** | MH38 | **75** | NC38 ( ) | **366.** | NC38( )HR | **458.** | MH38WP | **1477.** | 38 |
| 42 | | **1386.** | **2422.** | NQ42L2C | **945** | MH38 | **75** | NC38 ( ) | **366.** | NC38( )HR | **458.** | MH38WP | **1477.** | 38 |
| 72★ | | **2048.** | **3266.** | NQ72L2 | **1531** | MH44 | **75** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 72★ | | **2137.** | **3355.** | NQ72L2C | **1620** | MH44 | **75** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 84★ | | **2347.** | **3525.** | NQ84L2 | **1786** | MH50 | **75** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 84★ | | **2451.** | **3629.** | NQ84L2C | **1890** | MH50 | **75** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 30 | 400 | **1641.** | **2819.** | NQ30L4 | **1080** | MH50 | **75** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 30 | | **1719.** | **2897.** | NQ30L4C | **1158** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH50WP | **1739.** | 50 |
| 42 | | **1746.** | **2924.** | NQ42L4 | **1185** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH50WP | **1739.** | 50 |
| 42 | | **1825.** | **3003.** | NQ42L4C | **1264** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH50WP | **1739.** | 50 |
| 84★ | | **3235.** | **4356.** | NQ84L4C | **2528** | MH68 | **75** | NC68V ( ) | **632.** | NC68V( )HR | **790.** | MH68WP | **1828.** | 68 |
| 30 | 600 | **1803.** | **3032.** | NQ30L6C | **1242** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH62WP□ | **1790.** | 50/62 |
| 42 | | **1907.** | **3136.** | NQ42L6C | **1346** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH62WP□ | **1790.** | 50/62 |
| 84★ | | **3399.** | **4582.** | NQ84L6C | **2692** | MH68 | **75** | NC68V ( ) | **632.** | NC68V( )HR | **790.** | MH80WP□ | **1890.** | 68/80 |
| **20" Wide Cabinet△—Three Phase 4-Wire** | | | | | | | | | | | | | | |
| 18 | 100 | **990.** | **2045.** | NQ418L1 | **584** | MH26 | **75** | NC26 ( ) | **331.** | NC26( )HR | **413.** | MH26WP | **1461.** | 26 |
| 18 | | **1040.** | **2095.** | NQ418L1C | **634** | MH26 | **75** | NC26 ( ) | **331.** | NC26( )HR | **413.** | MH26WP | **1461.** | 26 |
| 30 | | **1167.** | **2210.** | NQ430L1 | **741** | MH32 | **75** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 30 | | **1220.** | **2263.** | NQ430L1C | **794** | MH32 | **75** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 30 | 225 | **1236.** | **2279.** | NQ430L2 | **810** | MH32 | **75** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 30 | | **1287.** | **2330.** | NQ430L2C | **861** | MH32 | **75** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 42 | | **1425.** | **2461.** | NQ442L2 | **984** | MH38 | **75** | NC38 ( ) | **366.** | NC38( )HR | **458.** | MH38WP | **1477.** | 38 |
| 42 | | **1475.** | **2511.** | NQ442L2C | **1034** | MH38 | **75** | NC38 ( ) | **366.** | NC38( )HR | **458.** | MH38WP | **1477.** | 38 |
| 72★ | | **2204.** | **3422.** | NQ472L2 | **1687** | MH44 | **75** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 72★ | | **2290.** | **3508.** | NQ472L2C | **1773** | MH44 | **75** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 84★ | | **2529.** | **3707.** | NQ484L2 | **1968** | MH50 | **75** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 84★ | | **2629.** | **3807.** | NQ484L2C | **2068** | MH50 | **75** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 30 | 400 | **1802.** | **2980.** | NQ430L4 | **1241** | MH50 | **75** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 30 | | **1881.** | **3059.** | NQ430L4C | **1320** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH50WP | **1739.** | 50 |
| 42 | | **1902.** | **3080.** | NQ442L4 | **1341** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH50WP | **1739.** | 50 |
| 42 | | **1983.** | **3161.** | NQ442L4C | **1422** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH50WP | **1739.** | 50 |
| 72★ | | **2965.** | **4089.** | NQ472L4 | **2299** | MH62 | **75** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 72★ | | **3104.** | **4228.** | NQ472L4C | **2438** | MH62 | **75** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 84★ | | **3551.** | **4672.** | NQ484L4C | **2844** | MH68 | **75** | NC68V ( ) | **632.** | NC68V( )HR | **790.** | MH68WP | **1828.** | 68 |
| 30 | 600 | **1988.** | **3217.** | NQ430L6C | **1427** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH62WP□ | **1790.** | 50/62 |
| 42 | | **2077.** | **3306.** | NQ442L6C | **1516** | MH50 | **75** | NC50V ( ) | **486.** | NC50V( )HR | **608.** | MH62WP□ | **1790.** | 50/62 |
| 84★ | | **3739.** | **4922.** | NQ484L6C | **3032** | MH68 | **75** | NC68V ( ) | **632.** | NC68V( )HR | **790.** | MH80WP□ | **1890.** | 68/80 |

## Table 9.5: Main Lug Interiors with TVSS

| Mains Rating | Pole Spaces | Voltage | Surge Rating | Total Price Interior, Front, Box and Adapter Kit | | Interior Only (Order Branch Circuit Breakers Separately) | | Type 1 Enclosure | | | | | | Type 3R/5/12 Enclosure▼ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Box 20" W x 5.75" D■ | | MONO-FLAT® Front | | Hinged Fronts | | 20" W x 6.5" D | |
| | | | | Type 1 | Type 3R, 5, 12 | Catalog Number▲ | $ Price | Cat. No. | $ Price | Cat. No.♦ | $ Price | Cat. No. | $ Price | Cat. No. | $ Price |
| 225 A | 30 | 208Y/120 Vac | 120,000 A | **16537.** | **17715.** | NQ430L2TVS212 | **15456.** | MH50 | **75.** | NC50( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** |
| | | | | **16588.** | **17766.** | NQ430L2TVS212C | **15507.** | MH50 | **75.** | NC50( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** |
| | | | 160,000 A | **19280.** | **20458.** | NQ430L2TVS216 | **18199.** | MH50 | **75.** | NC50( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** |
| | | | | **19331.** | **20509.** | NQ430L2TVS216C | **18250.** | MH50 | **75.** | NC50( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** |
| | 42 | 208Y/120 Vac | 120,000 A | **16749.** | **17918.** | NQ442L2TVS212 | **15630.** | MH56 | **75.** | NC56( ) | **524.** | NC56( )HR | **655.** | MH56WP | **1768.** |
| | | | | **16799.** | **17968.** | NQ442L2TVS212C | **15680.** | MH56 | **75.** | NC56( ) | **524.** | NC56( )HR | **655.** | MH56WP | **1768.** |
| | | | 160,000 A | **19492.** | **20661.** | NQ442L2TVS216 | **18373.** | MH56 | **75.** | NC56( ) | **524.** | NC56( )HR | **655.** | MH56WP | **1768.** |
| | | | | **19542.** | **20711.** | NQ442L2TVS216C | **18423.** | MH56 | **75.** | NC56( ) | **524.** | NC56( )HR | **655.** | MH56WP | **1768.** |
| | 72★ | 208Y/120 Vac | 120,000 A | **17519.** | **18643.** | NQ472L2TVS212 | **16333.** | MH62 | **75.** | NC62( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** |
| | | | | **17605.** | **18729.** | NQ472L2TVS212C | **16419.** | MH62 | **75.** | NC62( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** |
| 400 A | 42 | 208Y/120 Vac | 120,000 A | **17214.** | **18335.** | NQ442L4TVS212 | **15987.** | MH68 | **75.** | NC68V( ) | **632.** | NC68V( )HR | **790.** | MH68WP | **1828.** |
| | | | | **17295.** | **18416.** | NQ442L4TVS212C | **16068.** | MH68 | **75.** | NC68V( ) | **632.** | NC68V( )HR | **790.** | MH68WP | **1828.** |
| | | | 160,000 A | **19957.** | **21078.** | NQ442L4TVS216 | **18730.** | MH68 | **75.** | NC68V( ) | **632.** | NC68V( )HR | **790.** | MH68WP | **1828.** |
| | | | | **20038.** | **21159.** | NQ442L4TVS216C | **18811.** | MH68 | **75.** | NC68V( ) | **632.** | NC68V( )HR | **790.** | MH68WP | **1828.** |
| | 72★ | 208Y/120 Vac | 120,000 A | **18207.** | **19355.** | NQ472L4TVS212 | **16945.** | MH80 | **75.** | NC80V( ) | **667.** | NC80V( )HR | **830.** | MH80WP | **1890.** |
| | | | | **18346.** | **19494.** | NQ472L4TVS212C | **17084.** | MH80 | **75.** | NC80V( ) | **667.** | NC80V( )HR | **830.** | MH80WP | **1890.** |

▲ "C" suffix indicates copper bussing.
■ Embossed mounting holes add a .25 inch standoff to back of MH box.
♦ Add "F" for flush, "S" for surface.
★ AVAILABILITY TO BE ANNOUNCED. Cannot be used as a lighting panelboard prior to local adoption of the 2008 NEC.
▼ Enclosure includes trim kit.
△ For 14" wide offer, see the Supplemental & Obsolescence Digest.
□ This enclosure requires a 12" rail and deadfront extension (NQ12RDE)

## Table 9.6: Main Circuit Breaker Interiors—Will accept plug-on and bolt-on circuit breakers

| Pole Spaces | Mains Rating | Total $ Price Interior, Front, Box and Adapter Kit△ | | Interior Only (Order Branch Circuit Breakers Separately) | | Main Circuit Breaker Adapter Kit (Less Circuit Breaker)△ | | | Type 1 Enclosure | | | | | | Type 3R, 5, 12 Enclosure▼ | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Box 20"W x 5.75"D■ | | Mono-Flat® Front | | Hinged Front | | Enclosure 20"W x 6.5"D | | Height (In.) |
| | | Type 1 | Type 3R, 5, 12 | Catalog No.▲ | $ Price | Catalog No. | $ Price | Circuit Breaker Frame Size□ | Catalog No. | $ Price | Catalog No.♦ | $ Price | Catalog No. | $ Price | Catalog No. | $ Price | |
| **20" Wide Cabinet◊—Single Phase 3-Wire** | | | | | | | | | | | | | | | | | |
| 16◒ | 100 back-fed | **929.** | **1984.** | NQ18L1 | **523.** | – | – | Select QOB 2-pole or QOB-VH☆ | MH26 | **75.** | NC26 ( ) | **331.** | NC26( )HR | **413.** | MH26WP | **1461.** | 26 |
| 16◒ | | **982.** | **2037.** | NQ18L1C | **576.** | | | | MH26 | **75.** | NC26 ( ) | **331.** | NC26( )HR | **413.** | MH26WP | **1461.** | 26 |
| 28◒ | | **1056.** | **2099.** | NQ30L1 | **630.** | | | | MH32 | **75.** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 28◒ | | **1116.** | **2159.** | NQ30L1C | **690.** | | | | MH32 | **75.** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 18 | 100 | **1484.** | **2520.** | NQ18L1 | **523.** | NQMB2HJ | **520.** | HD, HG, HJ, HL 100 A maximum | MH38 | **75.** | NC38 ( ) | **366.** | NC38( )HR | **458.** | MH38WP | **1477.** | 38 |
| 18 | | **1537.** | **2573.** | NQ18L1C | **576.** | | | | MH38 | **75.** | NC38 ( ) | **366.** | NC38( )HR | **458.** | MH38WP | **1477.** | 38 |
| 30 | | **1667.** | **2885.** | NQ30L1 | **630.** | | | | MH44 | **75.** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 30 | | **1727.** | **2945.** | NQ30L1C | **690.** | | | | MH44 | **75.** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 30 | 225 | **1773.** | **2991.** | NQ30L2 | **736.** | NQMB2HJ<br>NQMB2Q<br>NQMB2KI | **520.** | HD, HG, HJ, HL JD, JG, JJ, JL<br>QB, QD, QG, QJ<br>KI | MH44 | **75.** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 30 | | **1823.** | **3041.** | NQ30L2C | **786.** | | | | MH44 | **75.** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 42 | | **1974.** | **3152.** | NQ42L2 | **893.** | | | | MH50 | **75.** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 42 | | **2026.** | **3204.** | NQ42L2C | **945.** | | | | MH50 | **75.** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 72★ | | **2650.** | **3819.** | NQ72L2 | **1531.** | | | | MH56 | **75.** | NC56 ( ) | **524.** | NC56( )HR | **655.** | MH56WP | **1768.** | 56 |
| 72★ | | **2739.** | **3908.** | NQ72L2C | **1620.** | | | | MH56 | **75.** | NC56 ( ) | **524.** | NC56( )HR | **655.** | MH56WP | **1768.** | 56 |
| 84★ | | **2972.** | **4096.** | NQ84L2 | **1786.** | | | | MH62 | **75.** | NC62 ( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** | 62 |
| 84★ | | **3076.** | **4200.** | NQ84L2C | **1890.** | | | | MH62 | **75.** | NC62 ( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** | 62 |
| 30 | 400 | **2266.** | **3390.** | NQ30L4 | **1080.** | NQMB4LA | **520.** | LA/LH (LC is F/A only) | MH62 | **75.** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 30 | | **2344.** | **3468.** | NQ30L4C | **1158.** | | | | MH62 | **75.** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 42 | | **2371.** | **3495.** | NQ42L4 | **1185.** | | | | MH62 | **75.** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 42 | | **2450.** | **3574.** | NQ42L4C | **1264.** | | | | MH62 | **75.** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 84★ | | **3790.** | **4938.** | NQ84L4C | **2528.** | | | | MH80 | **75.** | NC80V ( ) | **667.** | NC80V( )HR | **830.** | MH80WP | **1890.** | 80 |
| **20" Wide Cabinet◊—Three Phase 4-Wire** | | | | | | | | | | | | | | | | | |
| 15◒ | 100 back-fed | **990.** | **2045.** | NQ418L1 | **584.** | – | – | Select QOB 3-pole or QOB-VH▽ | MH26 | **75.** | NC26 ( ) | **331.** | NC26( )HR | **413.** | MH26WP | **1461.** | 26 |
| 15◒ | | **1040.** | **2095.** | NQ418L1C | **634.** | | | | MH26 | **75.** | NC26 ( ) | **331.** | NC26( )HR | **413.** | MH26WP | **1461.** | 26 |
| 27◒ | | **1167.** | **2210.** | NQ430L1 | **741.** | | | | MH32 | **75.** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 27◒ | | **1220.** | **2263.** | NQ430L1C | **794.** | | | | MH32 | **75.** | NC32 ( ) | **351.** | NC32( )HR | **438.** | MH32WP | **1469.** | 32 |
| 18 | 100 | **1545.** | **2548.** | NQ418L1 | **584.** | NQMB2HJ | **520.** | HD, HG, HJ, HL 100 A maximum | MH38 | **75.** | NC38 ( ) | **366.** | NC38( )HR | **458.** | MH38WP | **1477.** | 38 |
| 18 | | **1595.** | **2598.** | NQ418L1C | **634.** | | | | MH38 | **75.** | NC38 ( ) | **366.** | NC38( )HR | **458.** | MH38WP | **1477.** | 38 |
| 30 | | **1778.** | **2996.** | NQ430L1 | **741.** | | | | MH44 | **75.** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 30 | | **1831.** | **3049.** | NQ430L1C | **794.** | | | | MH44 | **75.** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 30 | 225 | **1847.** | **3065.** | NQ430L2 | **810.** | NQMB2HJ<br>NQMB2Q<br>NQMB2KI | **520.** | HD, HG, HJ, HL JD, JG, JJ, JL<br>QB, QD, QG, QJ<br>KI | MH44 | **75.** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 30 | | **1898.** | **3116.** | NQ430L2C | **861.** | | | | MH44 | **75.** | NC44 ( ) | **442.** | NC44( )HR | **553.** | MH44WP | **1735.** | 44 |
| 42 | | **2065.** | **3243.** | NQ442L2 | **984.** | | | | MH50 | **75.** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 42 | | **2115.** | **3293.** | NQ442L2C | **1034.** | | | | MH50 | **75.** | NC50 ( ) | **486.** | NC50( )HR | **608.** | MH50WP | **1739.** | 50 |
| 72★ | | **2806.** | **3975.** | NQ472L2 | **1687.** | | | | MH56 | **75.** | NC56 ( ) | **524.** | NC56( )HR | **655.** | MH56WP | **1768.** | 56 |
| 72★ | | **2892.** | **4061.** | NQ472L2C | **1773.** | | | | MH56 | **75.** | NC56 ( ) | **524.** | NC56( )HR | **655.** | MH56WP | **1768.** | 56 |
| 84★ | | **3154.** | **4278.** | NQ484L2 | **1968.** | | | | MH62 | **75.** | NC62 ( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** | 62 |
| 84★ | | **3254.** | **4378.** | NQ484L2C | **2068.** | | | | MH62 | **75.** | NC62 ( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** | 62 |
| 30 | 400 | **2427.** | **3551.** | NQ430L4 | **1241.** | NQMB4LA | **520.** | LA, LH (LC is F/A only) | MH62 | **75.** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 30 | | **2506.** | **3630.** | NQ430L4C | **1320.** | | | | MH62 | **75.** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 42 | | **2527.** | **3651.** | NQ442L4 | **1341.** | | | | MH62 | **75.** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 42 | | **2608.** | **3732.** | NQ442L4C | **1422.** | | | | MH62 | **75.** | NC62V ( ) | **591.** | NC62V( )HR | **739.** | MH62WP | **1790.** | 62 |
| 72★ | | **3542.** | **4657.** | NQ472L4 | **2299.** | | | | MH74 | **75.** | NC74V ( ) | **648.** | NC74V( )HR | **810.** | MH74WP | **1838.** | 74 |
| 72★ | | **3681.** | **4796.** | NQ472L4C | **2438.** | | | | MH74 | **75.** | NC74V ( ) | **648.** | NC74V( )HR | **810.** | MH74WP | **1838.** | 74 |
| 84★ | | **4106.** | **5254.** | NQ484L4C | **2844.** | | | | MH80 | **75.** | NC80V ( ) | **667.** | NC80V( )HR | **830.** | MH80WP | **1890.** | 80 |

## Table 9.7: Main Circuit Breaker Interiors with TVSS

| Mains Rating | Pole Spaces | Voltage | Surge Rating | Total Price Interior, Front, Box and Adapter Kit△ | | Interior Only (Order Main Circuit Breaker, Kit and Branches Separately) | | Main Circuit Breaker Adapter Kit | | | Type 1 Enclosure | | | | | | Type 3R/5/12 Enclosure▼ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Kit Catalog No.△ | $ Price | Main Circuit Breaker Frame | Box 20" W x 5.75" D ■ | | Mono-Flat® Front ♦ | | Hinged Fronts | | 20" W x 6.5" D | |
| | | | | Type 1 | Type 3R, 5, 12 | Catalog Number | $ Price | | | | Cat. No. | $ Price | Cat. No. | $ Price | Cat. No. | $ Price | Cat. No. | $ Price |
| 225 A | 30 | 208Y/120 Vac | 120,000 A | **16642.** | **17766.** | NQ430L2TVS212 | **15456.** | NQMB2HJ or NQMB2Q or NQMB2KI | **520.** | HD, HG, HJ, HL JD, JG, JJ, JL<br>QB, QD, QG, QJ<br>KI | MH62 | **75.** | NC62( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** |
| | | | | **16693.** | **17817.** | NQ430L2TVS212C | **15507.** | | | | MH62 | **75.** | NC62( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** |
| | | | 160,000 A | **19385.** | **20509.** | NQ430L2TVS216 | **18199.** | | | | MH62 | **75.** | NC62( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** |
| | | | | **19436.** | **20560.** | NQ430L2TVS216C | **18250.** | | | | MH62 | **75.** | NC62( ) | **591.** | NC62( )HR | **739.** | MH62WP | **1790.** |
| | 42 | 208Y/120 Vac | 120,000 A | **16857.** | **17978.** | NQ442L2TVS212 | **15630.** | | | | MH68 | **75.** | NC68( ) | **632.** | NC68( )HR | **790.** | MH68WP | **1828.** |
| | | | | **16907.** | **18028.** | NQ442L2TVS212C | **15680.** | | | | MH68 | **75.** | NC68( ) | **632.** | NC68( )HR | **790.** | MH68WP | **1828.** |
| | | | 160,000 A | **19600.** | **20721.** | NQ442L2TVS216 | **18373.** | | | | MH68 | **75.** | NC68( ) | **632.** | NC68( )HR | **790.** | MH68WP | **1828.** |
| | | | | **19650.** | **20771.** | NQ442L2TVS216C | **18423.** | | | | MH68 | **75.** | NC68( ) | **632.** | NC68( )HR | **790.** | MH68WP | **1828.** |
| | 72★ | 208Y/120 Vac | 120,000 A | **17576.** | **18691.** | NQ472L2TVS212 | **16333.** | | | | MH74 | **75.** | NC74( ) | **648.** | NC74( )HR | **810.** | MH74WP | **1838.** |
| | | | | **17662.** | **18777.** | NQ472L2TVS212C | **16419.** | | | | MH74 | **75.** | NC74( ) | **648.** | NC74( )HR | **810.** | MH74WP | **1838.** |
| 400 A | 42 | 208Y/120 Vac | 120,000 A | **17249.** | **18397.** | NQ442L4TVS212 | **15987.** | NQMB4LA | **520.** | LA, LH (LC is F/A only) | MH80 | **75.** | NC80V( ) | **667.** | NC80( )HR | **830.** | MH80WP | **1890.** |
| | | | | **17330.** | **18478.** | NQ442L4TVS212C | **16068.** | | | | MH80 | **75.** | NC80V( ) | **667.** | NC80( )HR | **830.** | MH80WP | **1890.** |
| | | | 160,000 A | **19992.** | **21140.** | NQ442L4TVS216 | **18730.** | | | | MH80 | **75.** | NC80V( ) | **667.** | NC80( )HR | **830.** | MH80WP | **1890.** |
| | | | | **20073.** | **21221.** | NQ442L4TVS216C | **18811.** | | | | MH80 | **75.** | NC80V( ) | **667.** | NC80( )HR | **830.** | MH80WP | **1890.** |

▲ "C" suffix indicates copper bussing.
■ Embossed mounting holes add a .25 inch standoff to back of MH box.
♦ Add "F" for flush, "S" for surface.
★ AVAILABILITY TO BE ANNOUNCED. Cannot be used as a lighting panelboard prior to local adoption of the 2008 NEC.
▼ Enclosure includes trim kit.
△ Select the appropriate main circuit breaker from tables starting on page 7-22 and add the circuit breaker price to the total price of the panelboard.
□ Circuit breaker interrupting ratings, see tables starting on page 7-22.
◊ For 14" wide offer, see the Supplemental & Obsolescence Digest
☆ QOB2150VH takes four pole spaces; all other QOB two pole circuit breakers take two pole spaces
▽ QOB3110VH to QOB3150VH take six pole spaces; all other QOB three pole circuit breakers take three pole spaces
◒ Pole spaces shown are available for branch circuits, with spaces deducted for the back fed main breaker

### Table 9.8: NQ Merchandised Neutrals

| Mains Ampacity | 200% Neutral Kit | | | | Copper 100% Neutral Kit | | | |
|---|---|---|---|---|---|---|---|---|
| | Catalog No. | Price | Box Add | Schedule | Catalog No. | Price | Box Add | Schedule |
| 100 | NQNL1 | **210.** | no adder | PE-1A | NQN1CU | **128.** | no adder | PE-1A |
| 225 | NQNL2 or NQNL2ACCY■ | **284.** | | | NQN2CU | **128.** | | |
| 400 | NQNL4▲ | **426.** | | | NQN6CU | **390** | | |
| 600 | Not available | | | | NQN6CU▲ | | | |

▲ Not to be used with SFL, FTL or SFB. These combinations are factory assembled only.
■ For 225A panel with SFL, FTL or SFB, use NQNL2ACCY. Otherwise, use NQNL2.

NQNL2

### Table 9.9: NQ Merchandised Sub Feed Lugs, Feed Through Lugs and Sub Feed Breakers

| Mains Ampacity | Sub Feed Lugs (N/A in MCB Interiors) | | | Feed Through Lugs | | | Sub Feed Circuit Breaker Kits (breaker not incl.) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Single SFB | | | Two SFBs | | |
| | Catalog No. | Price | Schedule | Catalog No. | Price | Schedule | Catalog No. | Price | Schedule | Catalog No. | Price | Schedule |
| 100 A | NQSFL1 | **103.** | PE-1A | 100A not available; use 225A interior | – | – | – | – | – | – | – | – |
| 225 A | NQSFL2 | **135.** | | NQFTL2L♦ | **317.** | PE-1A | NQSFB2Q or NQSFB2HJ | **686.** | PE-1A | – | – | – |
| | | | | NQFTL2H★ | **317.** | | | | | | | |
| 400 A | NQSFL4 | **173.** | | NQFTL4L♦ | **338.** | | Use the 2 SFB kit | | – | NQSFB4Q or NQSFB4HJ | **860.** | PE-1A |
| | | | | NQFTL4H★ | **338.** | | | | | | | |
| 600 A | Use TFL | | | Factory Assembled Only | | | | | | | | |

♦ The final character L indicates the kit is used for Low circuit count interiors 30 and 42.
★ The final character H indicates the kit is used for High circuit count interiors 54, 72 and 84.
▼ See Table 9.10 & Table 9.11 for box selection table.

### Table 9.10: Box Selection Table: Merchandised NQ Main Lug Panelboards with Accessories

| Feature | Sub Feed Lugs | | | | Feed Through Lugs | | | | Sub Feed Circuit Breakers | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Circuits | 100A | 225 A | 400A | 600 A | 100A | 225 A | 400A | 600A | 100A | 225 A (one) | 400A (two) | 600A (two) |
| 18 | MH26 | – | – | Use FTL | – | – | – | Factory Asm. Only | – | – | – | Factory Asm. Only |
| 30 | MH32 | MH38 | MH50 | | Use 225A Interior | MH38 | MH50 | | – | MH50 | MH74 | |
| 42 | – | MH44 | MH50 | | | MH38 | MH56 | | – | MH56 | MH74 | |
| 72 | – | MH50 | MH62 | | | MH50 | MH68 | | – | MH62 | MH86 | |
| 84 | – | MH56 | MH68 | | | MH56 | MH68 | | – | MH68 | △ | |

### Table 9.11: Box Selection Table: Merchandised NQ Vertically Mounted Main Breaker Panelboards w/ Accessories

| Feature | Feed Through Lugs | | | | Sub Feed Circuit Breakers | | | |
|---|---|---|---|---|---|---|---|---|
| Circuits | 100A | 225 A | 400A | 600A | 100A | 225 A (one) | 400A (two) | 600A (two) |
| 18 | – | – | – | Factory Asm. Only | – | – | – | Factory Asm. Only |
| 30 | – | MH50 | MH62 | | – | MH62 | MH86 | |
| 42 | – | MH50 | MH68 | | – | MH68 | MH86 | |
| 72 | – | MH62 | MH80 | | – | MH74 | △ | |
| 84 | – | MH68 | MH80 | | – | MH80 | △ | |

△ (c)Requires box longer than available box offer.

### Table 9.12: NQ Accessories

| Description | | Catalog No. | $ Price | Schedule |
|---|---|---|---|---|
| Sub-feed: Bolt-on: | | | | |
| • 2-pole | | QOB2125SL | **117.00** | DE2A |
| • 3-pole | | QOB3125SL | **117.00** | DE2A |
| **Equipment ground bars** | | | | |
| • Aluminum | | PK27GTA | **22.50** | DE3A |
| • PK23GTA+ #1 to #4/0 Al/Cu lug | | PK23GTAL | **27.10** | DE3A |
| • Copper | | PK27GTACU | **56.00** | PE-1A |
| • Ground Bar Insulator Kit | | PKGTAB | **29.20** | DE3A |
| Filler plate (15 per package) | | NQFP15□ | **45.00** | PE1A |
| **Circuit I.D. number strips** | | | | |
| 1-102 odd/even (left side numbered 1,3,5 ...101) | | NQ102OE | **5.30** | PE1A |
| 103-204 odd/even (left side numbered 103,105,107 ... 203) | | NQ204OE | **5.30** | PE1A |
| 1-102 sequential (left side numbered 1,2,3 ... 102) | | NQ102S | **5.30** | PE1A |
| 103-204 sequential (left side numbered 103,104,105 ... 204) | | NQ204S | **5.30** | PE1A |
| Rail & Deadfront Extensions | • 6" Extension | NQ6RDE | **168.11** | PE1A |
| | • 12" Extension | NQ12RDE | **188.78** | PE1A |
| | • 18" Extension | NQ18RDE | **228.47** | PE1A |
| | • 24" Extension | NQ24RDE | **264.46** | PE1A |
| Touch-up paint USAS #49 Gray (Aerosol can) | | PK49SP | **26.00** | DE1 |

### Table 9.12: NQ Accessories

| | | | |
|---|---|---|---|
| **Handle attachments—branch circuit breakers:** | | | |
| Handle lock-off | HLO1 | **6.60** | DE2A |
| Handle tie - (QO and QOB only) | QO1HT | **2.50** | DE2A |
| Handle padlock attachment - 1-pole | QO1PA | **7.10** | DE2A |
| 2- and 3-pole | QO1PL | **7.10** | DE2A |
| Handle tie & lock-off for three 1-pole (QO, QOB) | QO3HT | **8.90** | DE2A |
| **Neutral or Ground Lug:** | | | |
| #10 to #2 Al or #14 to #4 Cu | QO70AN | **6.60** | DE3A |
| #4 to #1/0 Al/Cu | Q1100AN | **7.40** | DE3A |
| #1 to #4/0 Al/Cu | Q1150AN | **21.60** | DE3A |
| **Endwalls for MH Boxes** | | | |
| Blank (one per package) | 8011010501 | **27.40** | PE1A |
| With Knockouts (one per package) | 8011010401 | **27.40** | PE1A |

□ Filler Plates are $3.00 each and must be ordered in packages of 15.

Installation Tools

## Table 9.13:

| Ampere Rating▲ | One-pole | | Two-pole—Common Trip | |
|---|---|---|---|---|
| | Catalog No. | $ Price | Catalog No. | $ Price |
| **QOB-GFI—QOB QWIK-GARD® Circuit Breaker With Ground Fault Circuit Interrupter—UL Class A 4-6 mA People Protection. ■** | | | | |
| | 120 Vac—10,000 AIR | | 120/240 Vac—10,000 AIR | |
| 15 | QOB115GFI | 165. | QOB215GFI | 296. |
| 20 | QOB120GFI | 165. | QOB220GFI | 296. |
| 25 | QOB125GFI | 165. | QOB225GFI | 296. |
| 30 | QOB130GFI | 165. | QOB230GFI | 296. |
| 40 | — | — | QOB240GFI | 296. |
| 50 | — | — | QOB250GFI | 296. |
| 60 | — | — | QOB260GFI ♦ | 296. |
| **QOB-VHGFI** | | | | |
| | 120 Vac—22,000 AIR | | | |
| 15 | QOB115VHGFI | 331. | — | — |
| 20 | QOB120VHGFI | 331. | — | — |
| 25 | QOB125VHGFI | 331. | — | — |
| 30 | QOB130VHGFI | 331. | — | — |
| **QOB-EPD—QOB Equipment protection circuit breakers with UL Listed 30 mA equipment protection.** | | | | |
| | 120 Vac—10,000 AIR | | | |
| 15 | QOB115EPD | 278. | QOB215EPD | 447. |
| 20 | QOB120EPD | 278. | QOB220EPD | 447. |
| 25 | QOB125EPD | 278. | QOB225EPD | 447. |
| 30 | QOB130EPD | 278. | QOB230EPD | 447. |
| 40 | — | — | QOB240EPD | 447. |
| 50 | — | — | QOB250EPD | 447. |
| 60 | — | — | QOB260EPD | 447. |
| **QOB-HM—High magnetic trip circuit breakers are recommended for applications where high initial inrush may occur and for individual dimmer applications.** | | | | |
| 15 | QOB115HM◊ | 26.50 | — | — |
| 20 | QOB120HM◊ | 26.50 | — | — |
| **QOB-K—Key operated QOB circuit breakers Available in single pole construction and can be mounted in any single pole space which will accept a standard QOB. These circuit breakers can be turned ON or OFF or to RESET with a special key (Catalog No. QOK10) included with the circuit breaker. These circuit breakers are UL Listed and available as shown in the table.** | | | | |
| | 120 Vac—10,000 AIR | | | |
| 10 | QOB110K | 112. | — | — |
| 15 | QOB115K | 112. | — | — |
| 20 | QOB120K | 112. | — | — |
| 25 | QOB125K | 112. | — | — |
| 30 | QOB130K | 112. | — | — |

▲ 10–30 ampere circuit breakers are suitable for use with 60°C or 75°C conductors. 35–60 ampere circuit breakers are suitable for use with 75°C conductors.
■ Do not connect to more than 250 feet of load conductor for the total one-way run to prevent nuisance tripping.
♦ Suitable only for feeding 240 Vac and 208 Vac two-wire loads. Does not contain load neutral connection.
★ UL Listed 5,000 AIR on 3Ø corner grounded delta systems.
▼ DC Rating is not available on indicated products.
△ UL Listed as HACR type for use with air conditioning, heating and refrigeration equipment having motor group combinations and marked for use with HACR type circuit breakers.
□ QO arc-fault circuit breakers provide branch feeder protection (i.e. QO115AFI) or combination protection (i.e. QO115CAFI) as required by the NEC and local code adoption, and comply with UL 1699.
◊ UL Listed as SWD (switching duty) rated suitable for switching 120 Vac fluorescent lighting loads.
☆ QOB2150VH uses 4 pole spaces. QOB3110VH, QOB3125VH and QOB3150VH each use 6 pole spaces. 20A maximum circuit breaker mounted opposite. Use with 75°C wire only.
▽ For QO plug-on circuit breaker pricing, see tables starting on page 1-2.

## Table 9.14:

| Ampere Rating▲ | One-pole | | Two-pole—Common Trip | | Two-pole—Common Trip★ | | Three-pole—Common Trip | |
|---|---|---|---|---|---|---|---|---|
| | Catalog No. | $ Price | Catalog No. | $ Price | Catalog No. | $ Price | Catalog No. | $ Price |
| **QOB Bolt-On** | | | | | | | | |
| | 120 Vac—10,000 AIR 48 Vdc—5,000 AIR | | 120/240 Vac—10,000 AIR 48 Vdc—5,000 AIR▼ | | 240 Vac—10,000 AIR | | 240 Vac—10,000 AIR 48 Vdc—5,000 AIR▼ | |
| 10 | QOB110 | 26.50 | QOB210 | 59. | — | — | QOB310 | 195. |
| 15 | QOB115 △◊ | 26.50 | QOB215 △ | 59. | QOB215H | 160. | QOB315 △ | 195. |
| 20 | QOB120 △◊ | 26.50 | QOB220 △ | 59. | QOB220H | 160. | QOB320 △ | 195. |
| 25 | QOB125 △ | 26.50 | QOB225 △ | 59. | QOB225H | 160. | QOB325 △ | 195. |
| 30 | QOB130 △ | 26.50 | QOB230 △ | 59. | QOB230H | 160. | QOB330 △ | 195. |
| 35 | QOB135 △ | 26.50 | QOB235 △ | 59. | — | — | QOB335 △ | 195. |
| 40 | QOB140 △ | 26.50 | QOB240 △ | 59. | QOB240H | 160. | QOB340 △ | 195. |
| 45 | QOB145 △ | 26.50 | QOB245 △ | 59. | — | — | QOB345 △ | 195. |
| 50 | QOB150 △ | 26.50 | QOB250 △ | 59. | QOB250H | 160. | QOB350 △ | 195. |
| 60 | QOB160 △ | 26.50 | QOB260 △ | 59. | QOB260H | 160. | QOB360 △ | 195. |
| 70 | QOB170 △ | 52. | QOB270 △ | 112. | QOB270H | 205. | QOB370 △▼ | 246. |
| 80 | — | — | QOB280 △▼ | 160. | QOB280H | 244. | QOB380 △▼ | 279. |
| 90 | — | — | QOB290 △▼ | 160. | QOB290H | 244. | QOB390 △▼ | 279. |
| 100 | — | — | QOB2100 △▼ | 160. | QOB2100H | 244. | QOB3100 △▼ | 279. |
| 110 | — | — | QOB2110 △▼ | 334. | — | — | — | — |
| 125 | — | — | QOB2125 △▼ | 334. | — | — | — | — |
| Molded Case Switch 60 A max - | | | QOB200 | 59. | — | — | QOB300 | 195. |
| Molded Case Switch 100 A max - 240 Vac | | | QOB2000 | 156. | — | — | QOB3000 | 338. |

## Table 9.15:

| Ampere Rating▲ | One-pole | | Two-pole—Common Trip | | Three-pole—Common Trip | |
|---|---|---|---|---|---|---|
| | Catalog No. | $ Price | Catalog No. | $ Price | Catalog No. | $ Price |
| **QOB-VH** | | | | | | |
| | 120 Vac—22,000 AIR | | 120/240 Vac —22,000 AIR | | 240 Vac—22,000 AIR | |
| 15 | QOB115VH△◊ | 47.70 | QOB215VH△ | 114. | QOB315VH△ | 293. |
| 20 | QOB120VH△◊ | 47.70 | QOB220VH△ | 114. | QOB320VH△ | 293. |
| 25 | QOB125VH△ | 47.70 | QOB225VH△ | 114. | QOB325VH△ | 293. |
| 30 | QOB130VH△ | 47.70 | QOB230VH△ | 114. | QOB330VH△ | 293. |
| 40 | — | — | QOB240VH△ | 114. | QOB340VH△ | 293. |
| 50 | — | — | QOB250VH△ | 114. | QOB350VH△ | 293. |
| 60 | — | — | QOB260VH△ | 114. | QOB360VH△ | 293. |
| 70 | — | — | QOB270VH△ | 182. | QOB370VH△ | 373. |
| 80 | — | — | QOB280VH△ | 256. | QOB380VH△ | 419. |
| 90 | — | — | QOB290VH△ | 256. | QOB390VH△ | 419. |
| 100 | — | — | QOB2100VH△ | 256. | QOB3100VH△ | 419. |
| 110 | — | — | QOB2110VH△ | 740. | QOB3110VH☆ | 1206. |
| 125 | — | — | QOB2125VH△ | 740. | QOB3125VH☆ | 1206. |
| 150 | — | — | QOB2150VH☆ | 815. | QOB3150VH☆ | 1206. |
| **QHB** | | | | | | |
| | 120 Vac—65,000 AIR | | 120 Vac/240 Vac—65,000 AIR | | 240 Vac—65,000 AIR | |
| 15 | QHB115△◊ | 81. | QHB215△ | 228. | QHB315△ | 397. |
| 20 | QHB120△◊ | 81. | QHB220△ | 228. | QHB320△ | 397. |
| 25 | QHB125△ | 81. | QHB225△ | 228. | QHB325△ | 397. |
| 30 | QHB130△ | 81. | QHB230△ | 228. | QHB330△ | 397. |
| **QOB-HID—HID circuit breakers UL Listed for use on circuit feeding fluorescent and High Intensity Discharge (HID) lighting systems such as mercury vapor, metal halide, or high pressure sodium. These circuit breakers are physically interchangeable with QOB circuit breakers.** | | | | | | |
| | 120 Vac—10,000 AIR | | 120/240 Vac—10,000 AIR | | 240 Vac—10,000 AIR | |
| 15 | QOB115HID◊ | 33. | QOB215HID | 72. | QOB315HID | 218. |
| 20 | QOB120HID ◊ | 33. | QOB220HID | 72. | QOB320HID | 218. |
| 25 | QOB125HID | 33. | QOB225HID | 72. | QOB325HID | 218. |
| 30 | QOB130HID | 33. | QOB230HID | 72. | QOB330HID | 218. |
| 40 | QOB140HID | 33. | QOB240HID | 72. | — | — |
| 50 | QOB150HID | 33. | QOB250HID | 72. | — | — |
| **QOB-SWN—Switch Neutral—Common Trip—NEC 514-5** | | | | | | |
| | | | 1-pole—2-Wire 2 Spaces —120 Vac | | 2-pole—3-Wire 3 Spaces—120/240 Vac | |
| 10 | — | — | QOB210SWN | 77. | QOB310SWN | 113. |
| 15 | — | — | QOB215SWN | 77. | QOB315SWN | 113. |
| 20 | — | — | QOB220SWN | 77. | QOB320SWN | 113. |
| 25 | — | — | QOB225SWN | 77. | QOB325SWN | 113. |
| 30 | — | — | QOB230SWN | 77. | QOB330SWN | 113. |
| 40 | — | — | QOB240SWN | 77. | QOB340SWN | 113. |
| 50 | — | — | QOB250SWN | 77. | QOB350SWN | 113. |

## Table 9.16: QO/QOB Circuit Breaker Wire Sizes

| Breaker Type | Ampere Rating▲ | Wire Size (AWG) | |
|---|---|---|---|
| | | Al | Cu |
| QOB 1-pole | 10–30 | #14–8 | #14–8 |
| | 10–30 | — | two #14–10 |
| | 35–70 | #8–2 | #8–2 |
| QOB 2-pole | 10–30 | #14–8 | #14–8 |
| | 10–30 | — | two #14–10 |
| | 35–70 | #8–2 | #8–2 |
| | 80–125 | #4–2/0 | #4–2/0 |
| | 150–200 | #4–300 kcmil | #4–300 kcmil |
| QOB 3-pole | 10–30 | #14–8 | #14–8 |
| | 35–70 | #8–2 | #8–2 |
| | 80–125 | #4–2/0 | #4–2/0 |
| QOB-VH | 110–150 | #4–300 kcmil | #4–300 kcmil |
| QOT | 15–20 | #12–8 | #14–8 |
| QOB-GFI & QOB-EPD | 15–30 | #12–8 | #14–8 |
| | 40, 50, 60 | #12–4 | #14–6 |

## Table 9.17: QO® Arc-Fault Circuit Breakers △ □

| Circuit Breaker Type | Ampere Rating▲ | 1P 120 Vac 10 kAIR 1 Space Required | | 1P 120 Vac 22 kAIR 1 Space Required | |
|---|---|---|---|---|---|
| | | Catalog Number | $ Price | Catalog Number | $ Price |
| Branch Feeder Arc-Fault Interupter | 15 | QO115AFI | 160. | QO115VHAFI | 315. |
| | 20 | QO120AFI | 160. | QO120VHAFI | 347. |
| Combination Arc-Fault Interupter | 15 | QO115CAFI | 188. | QO115VCAFI | 408. |
| | 20 | QO120CAFI | 188. | QO120VHCAFI | 408. |

Note: See page 7-12 for accessories.

### Table 9.18: Base Price (With Solid Neutral)

| Mains Rating | Main Lugs | | Main Circuit Breaker (Circuit Breaker Interrupting Rating—pages 6-2 through 6-8)▲ | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Standard IC | | | HIC | | | Extra HIC | | | I-Limiter® | | |
| | 2-pole | 3-pole | Circuit Breaker | 2-pole | 3-pole | Circuit Breaker | 2-pole | 3-pole | Circuit Breaker | 2-pole | 3-pole | Circuit Breaker | 2-pole | 3-pole |
| 60 A | — | — | QOB | 1192. | 1464. | QOB-VH | 1258. | 1586. | HJ▲ | 2950. | 3300. | FI | 4088. | 4858. |
| 100 A | 720. | 832. | QOB | 1254. | 1562. | QOB-VH | 1382. | 1712. | HJ▲ | 2950. | 3300. | FI | 4088. | 4858. |
| | | | HD | 2030. | 2380. | HG | 2700. | 3050. | | | | | | |
| 150 A | — | — | HD | 3180. | 3530. | HG | 3840. | 4190. | HJ▲ | 4000. | 4350. | — | — | — |
| 225 A | 772. | 928. | QB<br>JD<br>QD | 2450.<br>3980.<br>3084. | 2800.<br>4300.<br>3434. | QG<br>JG | 3740.<br>4510. | 4090.<br>5100. | QJ<br>JJ▲ | 3970.<br>6450. | 4320.<br>7280. | KI | 7436. | 8680. |
| 250 A | — | — | JD | 4390. | 4640. | JG | 5040. | 6020. | JJ▲ | 7100. | 8020. | KI | 8264. | 9672. |
| 400 A | 1422. | 1634. | LA | 5366. | 6106. | LH | 7708. | 8834. | LC | 8620. | 9780. | — | — | — |
| 600 A■ | 2082. | 2326. | — | — | — | — | — | — | LC | 9420. | 10440. | — | — | — |

Note: Equipment Ground Bar—**38.**

### Table 9.19: Branch Circuit Breakers

| Circuit Breaker Ampere Rating | PLUG-ON or BOLT-ON | | | |
|---|---|---|---|---|
| | 1-pole 120 Vac | 2-pole 120/240 Vac | 2-pole 240 Vac | 3-pole 240 Vac |
| | $ Price | $ Price | $ Price | $ Price |
| **Space Only** | | | | |
| All Space Only Except below | 28. | 58. | 58. | 86. |
| QOB–VH, Space Only (125–150 A) | — | 116. | — | 174. |
| **10,000 AIR—Branch Circuit Breakers—QO®, QOB, QO-H, QOB-H** | | | | |
| 15–60 | 68. | 134. | 260. ♦ | 352. |
| 70 | 100. | 208. | 296. ♦ | 396. |
| 80–100 | — | 262. | 380. ♦ | 458. |
| 110–125 | — | 482. | — | — |
| **10,000 AIR—Arc Fault Circuit Interrupters—QO-AFI, QOB-AFI** | | | | |
| 15–20 | 400. | — | — | — |
| **10,000 AIR—Combination Arc Fault Circuit Interrupters—QO-CAFI, QOB-CAFI** | | | | |
| 15–20 | 470. | — | — | — |
| **10,000 AIR—Qwik–Gard®—Class A—QO-GFI, QOB-GFI** | | | | |
| 15–30 | 272. | 488. | — | — |
| 40–60 | — | 488. | — | — |
| **(High Interrupting Capacity) 22,000 AIR Branch Circuit Breakers—QO-VH, QOB-VH** | | | | |
| 15–30 | 92. | 212. | — | 462. |
| 35–60 | — | 212. | — | 462. |
| 70 | — | 292. | — | 556. |
| 80–100 | — | 378. | — | 606. |
| 110–125 | — | 1022. | — | 1746. ★ |
| 150 | — | 1140. ★ | — | 1746. ★ |
| **22,000 AIR—Arc Fault Circuit Interrupters—QO-VHAFI, QOB-VHAFI** | | | | |
| 15–20 | 824. | — | — | — |
| **22,000 AIR—Combination Arc Fault Circuit Interrupters—QO-VHCAFI, QOB-VHCAFI** | | | | |
| 15–20 | 940. | — | — | — |
| **22,000 AIR—Qwik-Gard—Class A—QO-VHGFI, QOB-VHGFI** | | | | |
| 15–30 | 294. | — | — | — |
| **42,000 AIR Branch Circuit Breakers—QOH** | | | | |
| 35–60 | — | 368. ▼ | — | — |
| 70 | — | 596. ▼ | — | — |
| 80–100 | — | 688. ▼ | — | — |
| 110–125 | — | 1402. ▼ | — | — |
| **65,000 AIR Branch Circuit Breakers—QH, QHB** | | | | |
| 15–30 | 144. | 348. | — | 596. |

Note: Shunt Trip, Auxiliary Switch, and Alarm Switch—accessories for circuit breakers—add $ Price from page 7-12.

▲ QL, HJ, HL, JJ and JL circuit breakers are also available.
■ Copper bus standard
♦ UL Listed for use on 3Ø, grounded BØ systems, (5,000 AIR for this application).
★ Bolt-On only, 2-pole requires 4 vertical spaces, 3-pole requires 6 vertical spaces.
▼ Plug-On only.
△ Not available in Type 3R, 5, 12, except for 400 A main circuit breaker.

### Table 9.20: Specialty Branch Circuit Breakers

| Circuit Breaker Ampere Rating | PLUG-ON or BOLT-ON | | | |
|---|---|---|---|---|
| | 1-pole 120 Vac | 2-pole 120/240 Vac | 2-pole 240 Vac | 3-pole 240 Vac |
| | $ Price | $ Price | $ Price | $ Price |
| **Specialty Branch Circuit Breakers (10,000 AIR)** | | | | |
| **For High Intensity Discharge Lighting—QO-HID, QOB-HID** | | | | |
| 15–30 | 78. | 148. | — | 376. |
| 40–50 | 78. | 148. | — | — |
| **Switch Neutral—QO-SWN, QOB-SWN** | | | | |
| 15–50 | — | 1-pole 2-Wire (2 spaces) 154. | — | 2-pole 3-Wire (3 spaces) 220. |
| **High Magnetic Trip (For applications subject to high initial inrush)—QO-HM, QOB-HM** | | | | |
| 15–20 | 68. | — | — | — |
| **Provides 30 mA Equipment Protection—QO-EPD, QOB-EPD** | | | | |
| 15–30 | 462. | 828. | — | — |

## Sub-feed Circuit Breakers

Main lugs or main circuit breaker interior—1Ø or 3Ø.
Maximum 1 circuit breaker per 225 A main lug or 250 A main circuit breaker panelboard, 2 circuit breakers per 400–600 A panelboard.

### Table 9.21: Sub-Feed Circuit Breaker (110–225 A)

(Refer to Cabinet Data table below for correct box size)

| No. of Poles | Ampacity | QB | QD | QG▲ | HD | HG▲ | JD | JG▲ |
|---|---|---|---|---|---|---|---|---|
| 2 | 110–225 A | 1218. | 1762. | 3812. | 2456. | 3500. | 3020. | 4220. |
| 3 | 110–225 A | 1848. | 2296. | 4608. | 2872. | 3798. | 3370. | 5100. |
| Space Only | 110–225 A | 826. | 826. | 826. | 826. | 826. | 826. | 826. |

### Table 9.22: Sub-Feed Circuit Breaker Cabinet Data

| Max. No. of Branch Spaces (Does not include sub-feed circuit breaker spaces) | Box Height (20"W x 5.75"D) | | | | | |
|---|---|---|---|---|---|---|
| | 225 A | 250 A | 400 A△ | | 600 A | |
| | Main Lug | Main Circuit Breaker | Main Lug | Main Circuit Breaker | Main Lug | Main Circuit Breaker |
| 30 | 50 | 62 | 74 | 86 | 74 | not available with MCB |
| 42 | 56 | 68 | 74 | 86 | 74 | |
| 54 | 56 | 68 | 80 | — | 80 | |
| 72 | 62 | 74 | 86 | — | 86 | |
| 84 | 68 | 80 | — | — | — | |

## Sub-feed Lugs

***NOTE:*** *AVAILABLE ON MAIN LUG INTERIORS ONLY. 1Ø or 3Ø.*

### Table 9.23: Sub Feed Wire Range Per Phase

| Mains Rating | Incoming | Outgoing | Price per Panel |
|---|---|---|---|
| 100 | one #6-2/0 Al/Cu | one #6-2/0 Al/Cu | **$128.00** |
| 225 | one 1/0-350 kcmil Al/Cu | one 1/0-350 kcmil Al/Cu | **$128.00** |
| 400 | one 1/0-750 kcmil Cu only | one 1/0-750 kcmil Cu only | **$164.00** |

### Table 9.24: Sub-Feed Lug Cabinet Data

| Max. No. of Branch Spaces | Box Height (20"W x 5.75"D) | | |
|---|---|---|---|
| | 100 A | 225 A | 400 A |
| 18 | MH26 | — | — |
| 30 | MH32 | MH38 | MH50 |
| 42 | — | MH44 | MH50 |
| 72 | — | MH50 | MH62 |
| 84 | — | MH56 | MH68 |

## Feed-thru Lugs

### Table 9.25: Feed-Thru Lugs

| Mains Rating | Feed-Thru Wire Range Per Phase | $ Price |
|---|---|---|
| 100 A | one #6-2/0 Al/Cu | **344.** |
| 225 A | one #6–350 kcmil Al/Cu | **344.** |
| 400 A | one 1/0–750 kcmil or two 1/0–350 kcmil Al/Cu | **826.** |
| 600 A | two 1/0–750 kcmil Al/Cu | **826.** |

### Table 9.26: Feed-Thru Lug Cabinet Data

| Max. No. of Branch Spaces | Box Height (20"W x 5.75"D) | | | | | |
|---|---|---|---|---|---|---|
| | 225 A | 250 A | 400 A | | 600 A | |
| | Main Lugs | Main Circuit Breaker | Main Lugs | Main Circuit Breaker | Main Lugs | Main Circuit Breaker▲ |
| 30 | 38 | 50 | 50 | 62 | 62 | 74 |
| 42 | 38 | 50 | 56 | 68 | 62 | 80 |
| 72 | 50 | 62 | 68 | 80 | 74 | — |
| 84 | 56 | 68 | 68 | 80 | 80 | — |

▲ 8.75" deep box, ship fully assembled only.

### Table 9.27: Ground Bars

| | $ Price Adder |
|---|---|
| Equipment Ground Bar | **38.** |
| Copper Ground Bar (Add to Equipment Ground Bar Price) | **52.** |
| Insulated/Isolated Ground Bar (Add to Equipment Ground Bar Price) | **86.** |

### Table 9.28: Name Plates

| | $ Price Adder |
|---|---|
| Standard white face/black letter laminated bakelite, 1" x 3.5", adhesive backed or screw mountable with screws in a bag assembly (Price includes engraving) | **78.** |

### Table 9.29: Copper Bus Bars

| | $ Price Adder |
|---|---|
| 100 A, 225 A, 250 A | **128.** |
| 400 A | **388.** |
| 600 A | Standard |

### Table 9.30: Copper Neutral

| | $ Price Adder |
|---|---|
| 100 A–600 A | **132.** |

### Table 9.31: 200% Rated Neutrals

| Panelboards with 200% rated neutrals are not available with 250 A J- and K-frame main circuit breakers or integral lighting contactors | | Add Per Panel $ Price |
|---|---|---|
| 100 A■ | one #6-2/0 kcmil Al/Cu per lug | **586.** |
| 225 A■ | one #6-350 kcmil Al/Cu per lug | **763.** |
| 400 A■ | one #1/0-750 kcmil Al/Cu per lug or two 1/0-300 kcmil per lug | **950.** |

■ Two incoming neutral lugs per panel

### Table 9.32: Metal Directory Frame

| | $ Price Adder |
|---|---|
| Replaces standard plastic stick-on directory pouch | **140.** |

### Table 9.33: Hinged Door-in-Door Trim

| | Add Per Panel $ Price |
|---|---|
| Hinged Door-in-Door Trim has piano hinge down one side. Inner door has a lock, outer door is retained with screws | **646.** |
| Hinged Door-in-Door with Outer Door Lock in place of screws | **836.** |

### Table 9.34: Weatherproof or Dusttight Cabinets-Type 3R, 5, 12

| | $ Price Adder |
|---|---|
| **Note:** 600 A LC main circuit breaker NQ panelboards are not available with a weatherproof enclosure (Use I-Line)<br><br>400 and 600 A NQ panelboards with sub-feed circuit breakers are not available with a weatherproof enclosure (Use I-Line). | **1516.** |

### Table 9.35: Optional Factory Assembled Lugs for Main Lug Interiors

| Main Lug Interiors: | Price Per Pole Adder | | | |
|---|---|---|---|---|
| | 100A | 225A | 400A | 600A |
| Aluminum Compression Lugs | **58.** | **58.** | **148.** | **148.** |
| Copper Mechanical Lugs | **70.** | **108.** | **148.** | **168.** |
| Copper Compression Lugs | **70.** | **108.** | **148.** | **168.** |

### Table 9.36: Optional Factory Assembled Lugs for Main Circuit Breaker Interiors

| Main Circuit Breaker Interiors: | Price Per Pole Adder | | | |
|---|---|---|---|---|
| | H Frame | J Frame | LA Frame | LC Frame |
| Aluminum Compression Lugs | **58.** | **98.** | **148.** | **148.** |
| Copper Mechanical Lugs | **70.** | **108.** | **148.** | **148.** |
| Copper Compression Lugs | **70.** | **108.** | **148.** | **148.** |

Note: optional lugs are not available for Q frame main or QOB circuit breakers

### Table 9.37: Surgelogic® Hard Bus TVSS—Model IMA♦

| Surge Current Rating kA | Voltage | | |
|---|---|---|---|
| | 120/240 V 1Ø3W | 208Y/120 V 3Ø4W | 240/120 V 3Ø4W High Leg |
| 100 | **12110.** | **14310.** | **14310.** |
| 120 | **13454.** | **15654.** | **15654.** |
| 160 | **16386.** | **18586.** | **18586.** |
| 200 | **19196.** | **23596.** | **23596.** |
| 240 | **23760.** | **27440.** | **27440.** |

### Table 9.38: Surgelogic TVSS Options

| Description | $ Price |
|---|---|
| Surge Counter | **1650.** |
| Dry Contacts | Standard |
| Remote Monitor | **2588.** |

♦ TVSS units add 18" of box height in NQ panelboards

Note: Additional factory modifications, see 9-12.

**Table 9.39: NQ Lighting Contactors—Mechanically Held**

| Ampacity | Mechanically Held | | |
|---|---|---|---|
| | Type | $ Price | Minimum Additional Box Height Required H (in.) |
| **Square D Type PB** △ | | | |
| 30 A 2P | PBM10B | **3772.** | 18 |
| 60 A 2P | PBP10B | **4634.** | |
| 75 A 2P | PBN10B | **4986.** | |
| 100 A 2P | PBQ10B | **5072.** | |
| 150 A 2P | PBR10B | **7156.** | |
| 200 A 2P | PBV10B | **8692.** | |
| 225 A 2P | PBW10B | **9830.** | |
| 30 A 3P | PBM11B | **3740.** | |
| 60 A 3P | PBP11B | **4754.** | |
| 75 A 3P | PBN11B | **5628.** | |
| 100 A 3P | PBQ11B | **6454.** | |
| 150 A 3P | PBR11B | **8078.** | |
| 200 A 3P | PBV11B | **8736.** | |
| 225 A 3P | PBW11B | **10062.** | |
| **ASCO Type 920** □ | | | |
| 30 A 2P | 9202030 | **4694.** | 18 |
| 60 A 2P | 9202060 | **5954.** | |
| 75 A 2P | 9202075 | **5954.** | |
| 100 A 2P | 9202100 | **6194.** | |
| 150 A 2P | 9202150 | **9242.** | |
| 200 A 2P | 9202200 | **10882.** | |
| 225 A 2P | 9202225 | **11875.** | |
| 30 A 3P | 9203030 | **5436.** | |
| 60 A 3P | 9203060 | **7638.** | |
| 75 A 3P | 9203075 | **7638.** | |
| 100 A 3P | 9203100 | **9184.** | |
| 150 A 3P | 9203150 | **12998.** | |
| 200 A 3P | 9203200 | **14434.** | |
| 225 A 3P | 9203225 | **15750.** | |

**Table 9.40: Current Density Rated Panelboard Bus and Special Plating for Copper Bus**

| Ampacity | Copper Bus Special Plating $ List Price Adder ▲ | Current Density Rated Bus $ List Price Adder | | | |
|---|---|---|---|---|---|
| | Tin or Silver Plating | 1000 A/in$^2$ Cu | | 750 A/in$^2$ Al | |
| 100 A | **1240.** | **510.** | | **340.** | ■ |
| 125 A | **1240.** | **510.** | | **340.** | ■ |
| 225 A | **1240.** | **610.** | ♦ | **340.** | ■ |
| 250 A | **1240.** | **610.** | ♦ | **456.** | ■ |
| 400 A | **2080.** | **830.** | | **572.** | ■ |

**Table 9.41: NQ Panelboard Split Bus Bars**

| Maximum Ampacity MLO | $ List Price Adder | | Maximum Number of Pole Spaces Available | | Box Height (ft.) |
|---|---|---|---|---|---|
| | 1-phase | 3-phase | Main | Split | |
| **NQ Panelboards—125 A Maximum Lugs on Split Bus Section** ▼ | | | | | |
| 225 A | **600.** | **900.** | 18 | 30 | 44 |
| | **600.** | **900.** | 30 | 18 | 44 |
| | **600.** | **900.** | 30 | 30 | 44 |

Note: For applications with main circuit breaker panelboards, contact the Square D/Schneider Electric local Field Sales Office.

▲ Standard copper bus plating material
– NQ: Silver plated bus/tin plated connectors
■ Not available in NQ.
♦ NQ available in 42 circuit only.
★ Additional box height required when using contactor.
▼ When greater than 125 A lugs are required on the split section of the bus, consult your local Square D/Schneider Electric sales office for box height.
△ If two-wire control is required — Square D Add **708.**
(No additional width or depth required)
□ If two-wire control is required — ASCO Add **1412.**
(No additional width or depth required)

## Main Circuit Breaker Without Overload Trip

**(Automatic Molded Case Switch)**

- (Not UL Listed)
  $ Price as standard main circuit breaker, No adder

## Shunt Trip Circuit Breakers

- See page 7-35 for pricing.

***NOTE:*** *For molded case switch and automatic molded case switch short circuit current ratings, see page 7-33.*

**For information on the following Special Features please refer to the Supplemental & Obsolescence Digest.**

- Powerlogic® metering◊
- Customer equipment space (NQ)◊
- Increased box depth◊
- Increased gutters–top, bottom and sides◊
- Non-standard paint◊
- Welded base channel◊
- Type 1 gasketed◊
- Type 2 drip hood◊
- Type 3R/4/4X/5/12 stainless steel enclosure◊
- Type 4X fiberglass enclosure◊
- Stainless steel trim front◊
- Padlockable hasp◊
- Special locks (Corbin, Yale, Best)◊
- Equal height boxes◊
- Common trim to cover two equal height boxes◊
- Panelboard skirt—hides conduits feeding a panelboard◊
- Panelboard wireway—for terminating conduit in wireway endwall◊
- Panelboard interiors and special fronts to fit existing boxes

◊ Supported by the Panelboard Product Selector

**Table 9.42: NQ Standard Aluminum Mechanical Lugs—Main Lugs**

| Panel Type | Ampere Rating | Lug Wire Range▲ |
|---|---|---|
| NQ | 100 | one #6-2/0 Al/Cu |
| | 225 | one #6-350 kcmil Al/Cu |
| | 400 | one 1/0-750 kcmil or two 1/0-350 kcmil Al/Cu |
| | 600 | two 1/0-750 kcmil Al/Cu |

**Table 9.43: NQ Standard Aluminum Mechanical Lugs—Main Circuit Breaker**

| Panel Type | Ampere Rating | Circuit Breaker Type | Lug Wire Range▲ |
|---|---|---|---|
| NQ | 100 | QOB | one #4–#2/0 Al/Cu |
| | 100 | FI | one #14–#1/0 Al/Cu |
| | 150 | HD, HG, HJ, HL | one #14–#3/0 Al/Cu |
| | 225 | QB, QD, QG, QJ | one #14-1/0 Cu or #8-1/0 Al |
| | 250 | JD, JG, JJ, JL | one #3/0–350 kcmil Al/Cu▲ |
| | 250 | KI | one #1/0–350 kcmil Al/Cu |
| | 400 | LA, LH | one #1–600 kcmil Al/Cu or two #1–250 kcmil Al/Cu |
| | 600 | LC | two #4/0-500 kcmil Al/Cu |

▲ The lug range shown is for the highest amperage of the circuit breaker frame shown in the table.

## A



## B



## F



## H



## L



## M



## N



## P



## S



## T

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