

Square D® NQ and NF Lighting Panelboards



Developed with extensive input from electrical contractors, Square D NQ and NF Lighting Panelboards cover a wide range of electrical lighting and distribution applications. Square D NQ (240Vac) and NF Lighting Panelboards (480Y/277Vac or 600Y/347Vac) are available in Type 1 (with standard or hinged trim), 3R, 4, 4X, 5 and 12 enclosures.

Available When You Need It

Square D Lighting Panelboards can be purchased from authorized Square D distributors and assembled on site, or can be ordered factory assembled. Assembled panelboards can be on site in as little as 3 days after the day the order is placed through our LASER™ product delivery program. Both NQ and NF lighting panelboards can be fitted with field installable accessories like sub-feed lugs, feed-through lugs, sub-feed circuit breakers and 200% neutrals.

Simple to Install

Square D lighting panelboards offer many labor saving features for installers, which can help reduce installation time for both ready-to-install and factory assembled panelboards. Installation is simplified with semi-assembled, ready-to-install kits and easy to understand, contractor-tested installation instructions.

Built to Last

Ranked #1 in brand preference by a wide margin. Appreciated by contractors for long-lasting quality.

Key Customer Values

- **Availability**
From distributor stock as ready-to-install (RTI) or “quick ship” factory assembled via the LASER 3-, 5- and 10-day service
- **Installation flexibility**
A broad range of field installable RTI kits to address last minute changes on site (NQ panelboards also accept both QO® plug-on and QOB bolt-on circuit breakers)
- **Reduced installation time**
Semi-assembled, ready-to-install kits with simple, clear installation instructions will save you installation time on site
- **Compact size**
The 2008 NEC eliminates the 42 circuit rule – we offer 54, 66, 72 and 84 circuit interiors, saving you wall space, material and labor



Additional NQ and NF Labor Saving Features

- **Pre-assembled main lugs**
Square D NQ and NF main lug panelboards come with pre-assembled main lugs, eliminating time wasted installing main lug kits
- **Branch breakers with captive screws**
Stop wasting time removing branch breaker screws and hand-positioning them for assembly
- **End-mounted split neutrals**
Puts neutral connections to the panel in the mains area, away from the high wiring density area of the panel side gutters
- **Optional hinged trim (meets door-in-door specs)**
No need to remove and set aside the trim for access to branch wiring – simply remove the trim screws and allow the trim to swing away from the panelboard interior. Simple to open and keeps trims from being damaged during maintenance



From box hanging key hole slots to wire management lances, Square D NQ and NF Lighting Panelboards are designed for labor savings



Available Interiors

- **NQ (240 Vac maximum)**
 - 3P4W and 1P3W available
 - 100A, 225A, 400A and 600A interiors
 - 18, 30, 42, 54, 72 and 84 circuits
 - Main breaker or main lugs
 - 10,000A, 22,000A and 65,000A fully rated branches at 208Y/120Vac
 - Series ratings to 200,000A at 208Y/120Vac
- **NF (600Y/347 Vac maximum)**
 - 3P4W and 1P3W available
 - 125A, 250A, 400A, 600A and 800A interiors
 - 18, 30, 42, 54, 66 and 84 circuits
 - Main breaker (600A) or main lugs (800A)
 - Fully rated branches:
 - 480Y/277Vac:
18,000A, 35,000A and 65,000A
 - 600Y/347Vac:
14,000A 18,000A and 35,000A
 - Series ratings:
 - 480Y/277Vac 200,000A maximum
 - 600Y/347Vac 200,000A maximum

Available Options

- In-line surge suppression
- Sub-feed lugs *
- Sub-feed breakers *
- Feed-through lugs *
- 200% neutrals *

* field installable

Available Enclosures

- **Types**
 - Type 1 (standard)
 - Type 1 with drip hood
 - Type 3R/5/12 painted steel
 - Type 3R/4/4X/5/12 stainless
 - Type 3R/4/4X/5/12 fiberglass
- **Trims**
 - For Type 1 enclosures:
 - Surface and flush non-vented Mono-Flat® trims for 250A and below
 - Surface and flush screwed-to-box vented for 400A and above
 - Hinged trim available; meets door in door specs
 - Separate trim not required for Type 3R, 4, 4X, 5 and 12 enclosures
- **Options**
 - Copper bussing, copper lugs, copper neutrals
 - Copper and aluminum, mechanical and crimp lugs
 - Rail and dead front extension kits provide space only for future addition of ready-to-install kits (extensions of 6", 12" and 18" available)
 - Increased side gutters 3", 6" and 12"
 - Split bus
 - Contactors
 - Equipment space
 - Locks (Most common brands)
 - Many more (see our on-line Digest 174)

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