

# Square D NQ and NF Lighting Panelboards

Simple to install, convenient availability, and built to last



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 (240 Vac) and NF Lighting Panelboards (480Y/277 Vac or 600Y/347 Vac) are available in Type 1 (with standard or hinged trim), 3R, 4, 4X, 5, and 12 enclosures.

## Simple to Install

Square D Lighting Panelboards are designed for optimum space and labor savings. Semi-assembled, ready-to-install (RTI) kits with simple, clear installation instructions, save time on-site. There is also a broad range of field-installable, RTI kits, to address last-minute changes on-site. NQ panelboards also accept QO™ plug-on and QOB bolt-on circuit breakers.

## Available When You Need It

Square D Lighting Panelboards are available from distributor stock as RTI or “quick ship” factory assembled by our Laser product delivery program with three-, five- and 10-day service. 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 percent neutrals.

## Built to Last

Ranked #1 in brand preference and appreciated by contractors for long-lasting quality.



by Schneider Electric

# NQ Lighting Panelboards

240 Vac Maximum

## Available Interiors

- > 3P4W and 1P3W available
- > 100 A, 225 A, 400 A, and 600 A interiors
- > 18, 30, 42, 54, 72, and 84 circuits
- > Main breaker or main lugs
- > 10,000 A, 22,000 A, and 65,000 A fully rated branches at 208Y/120 Vac
- > Series ratings to 200,000 A and 208Y/120 Vac

## Available Enclosures

### Types

- > Type 1 (Indoor)
- > Type 2 (Driphood)
- > Type 3R (Outdoor, rain and sleet protection)
- > Type 4/4X (Stainless, corrosion protection)
- > Type 5 (Settling dust and dripping liquids protection)
- > Type 12 (Circulating dust and dripping liquids protection)

### Trims

- > Surface and flush non-vented Mono-Flat™ trims for 250 A and below
- > Surface and flush screwed-to-box vented for 400 A and above
- > Hinged trim available; meets door-in-door specs
- > Separate trim not required for Type 3R, 4, 4X, 5, and 12 enclosures



NQ panelboards meet 240 Vac applications and accept both the QO plug-on and QOB bolt-on circuit breakers.

## Available 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)
- > In-line surge suppression
- > Sub-feed lugs\*
- > Sub-feed breakers\*
- > Feed-through lugs\*
- > 200% neutrals\*

\* Field-installable

# NF Lighting Panelboards

600Y/347 Vac Maximum

## Available Interiors

- > 3P4W and 1P3W available
- > 125 A, 250 A, 400 A, 600 A, and 800 A interiors
- > 18, 30, 42, 54, 66, and 84 circuits
- > Main breaker (600 A) or main lug (800 A)
- > Fully rated branches:
  - 480Y/277 Vac: 18,000 A, 35,000 A, and 65,000 A
  - 600Y/347 Vac: 14,000 A, 18,000 A, and 35,000 A

## Series Ratings

- > 480Y/277 Vac: 200,000 A maximum
- > 600Y/347 Vac: 200,000 A maximum

## Available Enclosures

### Types

- > Type 1 (Indoor)
- > Type 2 (Driphood)
- > Type 3R (Outdoor, rain and sleet protection)
- > Type 4/4X (Stainless, corrosion protection)
- > Type 5 (Settling dust and dripping liquids protection)
- > Type 12 (Circulating dust and dripping liquids protection)

### Trims

- > Surface and flush non-vented Mono-Flat trims for 250 A and below
- > Surface and flush screwed-to-box vented for 400 A and above
- > Hinged trim available; meets door-in-door specs
- > Separate trim not required for Type 3R, 4, 4X, 5, and 12 enclosures

## Available 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)
- > In-line surge suppression
- > Sub-feed lugs\*
- > Sub-feed breakers\*
- > Feed-through lugs\*
- > 200% neutrals\*

\* Field-installable



NF panelboards offer application flexibility for commercial and industrial electrical systems up to 600Y/347 Vac.

# Full integration of PowerPact with Micrologic Circuit Breakers

NQ and NF lighting panelboards support PowerPact™ with Micrologic™ Circuit Breakers in H-Frame, J-Frame, and L-Frame sizes with LI or LSI settings. The standard trip units allow faster and more accurate recognition of faults at the main breaker and sub-feed breaker levels.

The J-Frame and L-Frame breakers can be configured as mission-critical circuit protection for hospitals, data centers, and anywhere continuity of service is desired. PowerPact Mission Critical Circuit Breakers provide D, G, J, and L interrupt ratings up to 480Y/277 Vac.



The Square D brand is an integral part of the Schneider Electric portfolio. As the global specialist in energy management, we deliver proven reliability, expertise, and comprehensive solutions.

Ask your authorized distributor for more information, visit [www.schneider-electric.com/us](http://www.schneider-electric.com/us), or call **888-SQUARED**.

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