

Data Bulletin

Replacement Parts for NF Panelboards Main Lugs and Main Circuit Breaker Class 1670

Retain for future use.

Overview

Miscellaneous hardware and commonly used lighting panelboard parts (manuals, directory cards, labels, elevating hardware, circuit numbering strips, keys, mounting screws/nuts, rail splice screws, and filler plates) can be found in the lighting panelboard repair parts kit.

To order a lighting panelboard repair parts kit
In the USA, use catalog number TBPANEL
In Canada, use catalog number TBCPANEL

This data bulletin lists the replacement parts for NF panelboards. Do not replace a part not specifically listed in this bulletin. Instead, replace the entire assembly with the appropriate interior or kit. The following parts are replaceable:

- Panelboard Installation Bag Assembly
 - Contains the parts that come in the bag assembly with the interior
- Interior Parts
 - Standard main lugs (Al/Cu mechanical lugs)
 - Branch connectors and hardware
 - Bus covers
 - Neutral bonding strap and hardware
- Deadfronts
 - Complete deadfronts (individual sections not available)

Figure 1: Series Data on Nameplate



NF Series E1 Identification

NOTE: In October 2008, NF panelboards changed series designation from Series 0 (no series data printed on the nameplate) to Series E1 ("E1" printed in the series field of the nameplate. The two different series can be identified as follows:

- **Series 0**
Series field on nameplate is blank. For more information about Series 0 replacement parts, please refer to document 1670SB9601.
- **Series E1**
Series field on nameplate has "Series E1" printed on it. Carton label has "Series E1" printed on it. This document covers Series E1 replacement parts.

Panelboard Installation Bag Assembly

A replacement bag assembly (part number 80113-676-50) is available for 100–800 A NF factory-assembled panelboards, with the following contents:

- Information Manual and NEMA installation manual
- Panelboard mounting hardware
- Circuit numbering strips
- French & Spanish language wire & torque labels

NOTE: A neutral bonding strap is not included in the panelboard installation bag assembly.

Interior Parts



| | |
|---|--------------|
| Neutral Bonding Provisions¹ | |
| 125 and 250 A | 80113-675-50 |
| 400, 600, and 800 A | 80113-675-51 |
| Bonding provisions for panelboard with gutter mounted neutral | 80113-675-52 |
| Aluminum Mechanical Main Lugs² | |
| 125 A | NFALM1 |
| 250 A | NFALM2 |
| 400 A | NFALM4 |
| 600 A | NFALM6 |
| 800 A | NFALM8 |
| Bus Covers³ | |
| NF Bus Cover Kit | NFBCK |
| Branch Connectors⁴ | |
| 125 or 250 A | SKNF250 |
| 400, 600, or 800 A | SKNF600 |

¹ Includes lugs and required screws.

² Kit includes four lugs, insulators (where required), and hardware.

³ Kit contains two (2) NF bus covers (enough for twelve circuits).

⁴ Kit contains one each A, B and C phase connectors and installation hardware, for a total of six branch spaces.

Deadfronts and Filler Plates

Main Lug Interiors

For main lug interiors the entire deadfront is supplied as a replacement. Individual components are not available. Hardware is shipped with the deadfront. Deadfronts come without plastic filler plates. Filler plates are available as NFFP15.

Table 1: Replacement Deadfronts for Main Lug Interiors

| Interior Pole Spaces | | 18 | 30 | 42 | 54 | 66 | 84 |
|----------------------|------------|--|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| 125 A | No Options | NFRPL18L1 NFRPL418L1 | NFRPL30L NFRPL430L1 | NFRPL42L1 NFRPL442L1 | NFRPL54L1 NFRPL454L1 | N/A | |
| | With FTL | N/A | NFRPL30L1TFL NFRPL430L1TFL | NFRPL42L1TFL NFRPL442L1TFL | NFRPL54L1TFL NFRPL454L1TFL | N/A | |
| 250 A | No Options | N/A | NFRPL30L2 NFRPL430L2 | NFRPL42L2 NFRPL442L2 | NFRPL54L2 NFRPL454L2 | NFRPL66L2 NFRPL466L2 | N/A |
| | With FTL | N/A | NFRPL30L2TFL NFRPL430L2TFL | NFRPL42L2TFL NFRPL442L2TFL | NFRPL54L2TFL NFRPL454L2TFL | NFRPL66L2TFL NFRPL466L2TFL | N/A |
| | With SFB | NFRPLSFB2J or NFRPLSFB2H (Depends on SFB frame type) | | | | | |
| 400 A | No Options | N/A | NFRPL30L4 NFRPL430L4 | NFRPL42L4 NFRPL442L4 | NFRPL54L4 NFRPL454L4 | NFRPL66L4 NFRPL466L4 | NFRPL84L4 NFRPL484L4 |
| | With FTL | N/A | NFRPL30L4TFL NFRPL430L4TFL | NFRPL42L4TFL NFRPL442L4TFL | NFRPL54L4TFL NFRPL454L4TFL | NFRPL66L4TFL NFRPL466L4TFL | NFRPL84L4TFL NFRPL484L4TFL |
| | With SFB | N/A | NFRPLSFB4J, NFRPLSFB4H, NFRPLSFB4LA, NFRPLSFB4LC, NFRPLSFB4LAJ, NFRPLSFB4LAH | | | | |
| 600 A | No Options | N/A | NFRPL30L6 NFRPL430L6 | NFRPL42L6 NFRPL442L6 | NFRPL54L6 NFRPL454L6 | NFRPL66L6 NFRPL466L6 | NFRPL84L6 NFRPL484L6 |
| | With SFL | N/A | | | | | |
| | With FTL | N/A | NFRPL30L6TFL NFRPL430L6TFL | NFRPL42L6TFL NFRPL442L6TFL | NFRPL54L6TFL NFRPL454L6TFL | NFRPL66L6TFL NFRPL466L6TFL | NFRPL84L6TFL NFRPL484L6TFL |
| | With SFB | N/A | NFRPLSFB4J, NFRPLSFB4H, NFRPLSFB4LA, NFRPLSFB4LC, NFRPLSFB4LAJ, NFRPLSFB4LAH | | | | |
| | With TVSS | N/A | | | | | |
| 800 A | No Options | N/A | NFRPL30L8 NFRPL430L8 | NFRPL42L8 NFRPL442L8 | NFRPL54L8 NFRPL454L8 | N/A | |
| | With SFL | N/A | | | | | |
| | With FTL | N/A | NFRPL30L8TFL NFRPL430L8TFL | NFRPL42L8TFL NFRPL442L8TFL | NFRPL54L8TFL NFRPL454L8TFL | N/A | |
| | With SFB | N/A | NFRPLSFB4J, NFRPLSFB4H, NFRPLSFB4LA, NFRPLSFB4LC, NFRPLSFB4LAJ, NFRPLSFB4LAH | | | | |
| | With TVSS | N/A | | | | | |

Main Circuit Breaker Interiors

For replacement of main circuit breaker interior deadfronts, only the main breaker section of the deadfront is listed below. To order an entire main circuit breaker interior deadfront, please order the appropriate Main Lug Interior deadfront from the table above, and a Main Circuit Breaker Interior deadfront from the table below.

Table 2: Replacement Main Circuit Breaker Deadfront Sections¹

| | | |
|-------|----------------------------|--|
| 125 A | NFRPLMB1H NFRPLMB1FI | (For H Frame Mains) (For FI Mains) |
| 250 A | NFRPLMB2J NFRPLMB2KI | (For J Frame Mains) (For KI Mains) |
| 400 A | NFRPLMB4LA NFRPLMB6LCLI | (For LA/LH Mains) (For LC/LI Mains) |
| 600 A | NFRPLMB4LA NFRPLMB6LCLI | (For LA/LH Mains) (For LC/LI Mains) |

¹ These do not vary by circuit count.



For repairs not involving the service parts addressed in this document, please call the Square D / Schneider Electric Customer Information Center:
In the USA, 1-888-SquareD (1-888-778-2733)
In Canada, 1-800-565-6699

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