

## NDN63 and NDN111 high SCCR feed through blocks



NDN63-WH



NDN111-BK

### Catalog numbers:

- NDN63-WH (white)
- NDN111-WH (white)
- NDN-111-BK (black)

### Description:

Eaton's Bussmann series NDN63 and NDN111 are high-density, snap-on DIN-Rail mount three-pole terminal blocks featuring a high Short-Circuit Current Rating (SCCR) when protected by specific, tested upstream overcurrent protective devices (see SCCR data table for details).

### Specifications:

#### Ratings

- Volts: 600 Vac/dc
- Amps:
  - 65 A (NDN63)
  - 90 A (NDN111)
- SCCR:
  - 10 kA default
  - Up to 100 kA (see SCCR data on page 2)

### Agency information

- UL 1059 Recognized, Guide XCFR2, File E62622
- General Industry Class per UL 1059, usage Category C
- RoHS compliant

### Mechanical

- 3-pole configuration
- 35 mm DIN-Rail and C-rail mount
- Panel mount (NDN111)
- 0.375" (9.52 mm) pole-to-pole spacing (NDN63)
- 0.635" (16.13 mm) pole to pole spacing (NDN111)
- Flammability: UL 94 V2

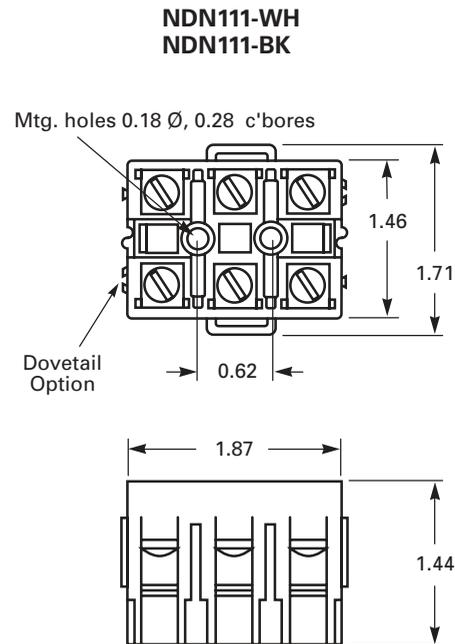
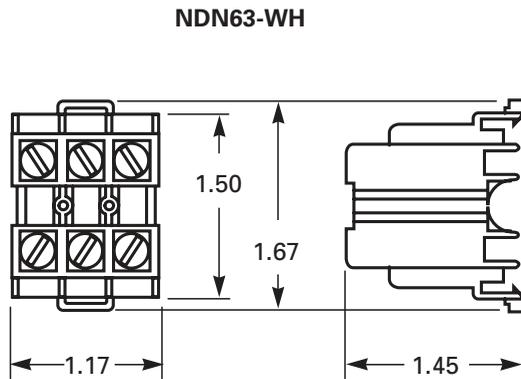
### Conductors

| Catalog no. | Wire size Cu (AWG) | Torque (lb-in) |
|-------------|--------------------|----------------|
| NDN63-WH    | 6-18 Sol/Str       | 35             |
|             | (2) 10 Sol/Str     |                |
|             | (2) 14 Sol/Str     |                |
| NDN111-WH   | 2-14 Str           | 32             |
| NDN111-BK   | 14 Sol             |                |

### Accessories

- Marking tape MT12-1/2

**Dimensions - in:**



**Short-Circuit Current Rating data**

The high SCCR of these blocks relies upon the tested, upstream overcurrent protective devices listed in this table

| Catalog no.            | Amps | Cu wire range line and load (AWG) | Torque lb-in (max) | (1) Cu wire range (AWG)     | Max. Fuse Class and Amp* |          |                |              | SCCR (kA) | Min. enclosure size (in) |
|------------------------|------|-----------------------------------|--------------------|-----------------------------|--------------------------|----------|----------------|--------------|-----------|--------------------------|
|                        |      |                                   |                    |                             | LPJ                      | JJN, JJS | LPN-RK, LPS-RK | FRN-R, FRS-R |           |                          |
| NDN63-WH               | 65   | 6 to 18 Str<br>14 to 18 Sol       | 35                 | 6 to 18 Str<br>14 to 18 Sol | 100                      | 100      | 30             | 30           | 100       | 8 x 8 x 4                |
| NDN111-WH<br>NDN111-BK | 90   | 2 to 14 Str<br>14 Sol             | 32                 | 2 to 14 Str<br>14 Sol       | 200                      | 200      | 30             | 60           | 100       | 8 x 8 x 4                |

\* Class G 60A (SC-60) or less or Class CC 30A (LP-CC-30, FNQ-R-30, KTK-R-30) or less are suitable for all SCCR in this table.

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