NDN63 and NDN111 high SCCR feed through blocks

Catalog numbers:
- NDN63-WH (white)
- NDN111-WH (white)
- NDN111-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

<table>
<thead>
<tr>
<th>Catalog no.</th>
<th>Wire size Cu (AWG)</th>
<th>Torque (lb-in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDN63-WH</td>
<td>6-18 Sol/Str</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>(2) 10 Sol/Str</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(2) 14 Sol/Str</td>
<td></td>
</tr>
<tr>
<td>NDN111-WH</td>
<td>2-14 Str</td>
<td>32</td>
</tr>
<tr>
<td>NDN111-BK</td>
<td>14 Sol</td>
<td></td>
</tr>
</tbody>
</table>

Accessories
- Marking tape MT12-1/2
**Dimensions - in:**

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**NDN63-WH**

![Diagram of NDN63-WH](image)

**NDN111-WH**

![Diagram of NDN111-WH](image)

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**Short-Circuit Current Rating data**

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

<table>
<thead>
<tr>
<th>Catalog no.</th>
<th>Amps</th>
<th>Cu wire range line and load (AWG)</th>
<th>Torque lb-in (max)</th>
<th>(1) Cu wire range (AWG)</th>
<th>Max. Fuse Class and Amp*</th>
<th>SCCR (kA)</th>
<th>Min. enclosure size (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NDN63-WH</td>
<td>65</td>
<td>6 to 18 Str 14 to 18 Sol</td>
<td>35</td>
<td>6 to 18 Str 14 to 18 Sol</td>
<td>LPJ, JIN, JJS, LPS-R, FRN-R, FRS-R</td>
<td>100</td>
<td>8 x 8 x 4</td>
</tr>
<tr>
<td>NDN111-BK</td>
<td>90</td>
<td>2 to 14 Str 14 Sol</td>
<td>32</td>
<td>2 to 14 Str 14 Sol</td>
<td>200</td>
<td>100</td>
<td>8 x 8 x 4</td>
</tr>
</tbody>
</table>

* 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 SCCRs in this table.

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