

## BNH/BN Series



## Key features of the BNH/BN series include:

- Touch-down terminals with spring-loaded captive screws
- Jumpers available up to 30A model
- Fuse block with or without blown-fuse indicator in neon or LED
- Mount on 35mm standard DIN rail



UL Recognized  
File No. E78117



CSA Certified  
File No. LR64803



File No. R9551701  
J9551516 (power blocks)  
R9650688 (dual-deck blocks)



## Specifications

| Part Numbers          |            | BNH10W        | BNH15MW       | BNH15LW         | BNH30W        |
|-----------------------|------------|---------------|---------------|-----------------|---------------|
| Appearance            |            |               |               |                 |               |
| Width                 |            | 0.275" (7mm)  | 0.315" (8mm)  | 0.413" (10.5mm) | 0.472" (12mm) |
| Approvals             |            | UL, CSA, TUV  | UL, CSA, TUV  | UL, CSA, TUV    | UL, CSA, TUV  |
| No. of Poles          |            | 1             | 1             | 1               | 1             |
| Wire Sizes            |            | 22 to 16 AWG  | 22 to 14 AWG  | 22 to 14 AWG    | 18 to 10 AWG  |
| Voltage/Current       |            | 600V / 10A    | 600V / 10A    | 600V / 15A      | 600V / 30A    |
| Terminals             | Size       | M3            | M3            | M3.5            | M4            |
|                       | Type       | Touch-down    | Touch-down    | Touch-down      | Touch-down    |
| Mounting              |            | 35mm DIN rail | 35mm DIN rail | 35mm DIN rail   | 35mm DIN rail |
| Terminal Torque       | (N-m)      | 0.6 - 1.0     | 0.6 - 1.0     | 1.0 - 1.3       | 1.4 - 2.0     |
|                       | (in-lbs.)  | 5.3 - 8.9     | 5.3 - 8.9     | 8.9 - 11.5      | 12.4 - 17.8   |
| End Plate             |            | BNE15W        | BNE15W        | BNE15W          | BNE30W        |
| DIN Rail Stop         |            | BNL-5         | BNL-5         | BNL-5           | BNL-5         |
| Dust Cover            |            | BNC230        | BNC230        | BNC230          | BNC230        |
| Marking Strip         | PVC        | BNM7          | BNM7          | BNM7            | BNM7          |
|                       | Fiberglass | BNM9          | BNM9          | BNM9            | BNM9          |
|                       | End clip   | BNM3          | BNM3          | BNM3            | BNM3          |
| Ring Terminal Jumpers |            | BNJ16         | BNJ26W        | BNJ46           | BNJ56         |
| Fork Terminal Jumpers |            | BNJ16F        | BNJ26FW       | BNJ46F          | BNJ56F        |



1. BNDN1000 aluminum DIN rails are available in 1 meter lengths.
2. Marking strips are available in 1 meter lengths.
3. Jumpers are available in groups of six.
4. Remove the "H" in the terminal block part number for standard screw type (ex. BNH10W becomes BN10W).

## Specifications, continued

| Part Numbers          |            | BNH50W                                                                            | BN75W                                                                             | BN150W                                                                             | BNDH15W                                                                             |
|-----------------------|------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Appearance            |            |  |  |  |  |
|                       |            |                                                                                   |                                                                                   |                                                                                    |                                                                                     |
| Width                 |            | 0.610" (15.5mm)                                                                   | 0.787" (20mm)                                                                     | 1.024" (26mm)                                                                      | 0.315" (8mm)                                                                        |
| Approvals             |            | UL, CSA, TUV                                                                      | UL, CSA, TUV                                                                      | UL, CSA, TUV                                                                       | UL, CSA, TUV                                                                        |
| No. of Poles          |            | 1                                                                                 | 1                                                                                 | 1                                                                                  | 2                                                                                   |
| Wire Sizes            |            | 16 to 6 AWG                                                                       | 16 to 4 AWG                                                                       | 16 to 0 AWG                                                                        | 22 to 14 AWG                                                                        |
| Voltage/Current       |            | 600V / 50A                                                                        | 600V / 75A                                                                        | 600V / 150A                                                                        | 600V / 10A                                                                          |
| Terminals             | Size       | M5                                                                                | M6                                                                                | M8                                                                                 | M3                                                                                  |
|                       | Type       | Touch-down                                                                        | Hex bolt                                                                          | Hex bolt                                                                           | Touch-down                                                                          |
| Mounting              |            | 35mm DIN rail                                                                     | 35mm DIN rail                                                                     | 35mm DIN rail                                                                      | 35mm DIN rail, surface                                                              |
| Terminal Torque       | (N-m)      | 2.6 - 3.7                                                                         | 3.9 - 5.4                                                                         | 10 - 13.5                                                                          | 0.6 - 1.0                                                                           |
|                       | (in-lbs.)  | 23.1 - 32.8                                                                       | 34.6 - 47.9                                                                       | 88.8 - 119.8                                                                       | 5.3 - 8.9                                                                           |
| End Plate             |            | BNE50W                                                                            | BNE75W                                                                            | BNE150W                                                                            | BNDE15W                                                                             |
| DIN Rail Stop         |            | BNL-5                                                                             | BNL-6                                                                             | BNL-6                                                                              | BNL-8                                                                               |
| Dust Cover            |            | BNC320                                                                            | BNC420                                                                            | BNC520                                                                             | BNC230 (top level)<br>BNC240 (bottom Level)                                         |
| Marking Strip         | PVC        | BNM7                                                                              | BNM7                                                                              | BNM7                                                                               | BNM7                                                                                |
|                       | Fiberglass | BNM9                                                                              | BNM9                                                                              | BNM9                                                                               | BNM9                                                                                |
|                       | End clip   | BNM3                                                                              | BNM3                                                                              | BNM3                                                                               | BNM3                                                                                |
| Connecting Rods       |            | —                                                                                 | —                                                                                 | —                                                                                  | BNR1 10.34" (265mm)<br>BNR2 19.69" (500mm)                                          |
| Connecting Nuts       |            | —                                                                                 | —                                                                                 | —                                                                                  | BNN1 (2 pieces)                                                                     |
| Base Mount Brackets   |            | —                                                                                 | —                                                                                 | —                                                                                  | BNDL2                                                                               |
| Ring Terminal Jumpers |            | —                                                                                 | —                                                                                 | —                                                                                  | BNJ26                                                                               |
| Fork Terminal Jumpers |            | —                                                                                 | —                                                                                 | —                                                                                  | BNJ26FW                                                                             |



1. BNDN1000 aluminum DIN rails are available in 1 meter lengths.
2. Marking strips are available in 1 meter lengths.
3. Jumpers are available in groups of six.
4. Remove the "H" in the terminal block part number for standard screw type (ex. BNH50W becomes BN50W).

Specifications, continued

| Part Numbers         |           | BNF10SW                                                                           | BNF10NW                                                                           | BNF10DW                                                                            |
|----------------------|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Appearance           |           |  |  |  |
| Width                |           | 0.591" (15mm)                                                                     | 0.591" (15mm)                                                                     | 0.591" (15mm)                                                                      |
| Blown Fuse Indicator |           | None                                                                              | Neon (100–300VAC)                                                                 | LED (24V DC)                                                                       |
| Approvals            |           | UL, CSA                                                                           | UL, CSA                                                                           | UL, CSA                                                                            |
| No. of Poles         |           | 1                                                                                 | 1                                                                                 | 1                                                                                  |
| Wire Sizes           |           | 18 to 10 AWG                                                                      | 18 to 10 AWG                                                                      | 18 to 10 AWG                                                                       |
| Voltage/Current      |           | 600V/10A maximum                                                                  | 600V/10A maximum                                                                  | 600V/10A maximum                                                                   |
| Terminals            | Size      | M4                                                                                | M4                                                                                | M4                                                                                 |
|                      | Type      | Standard screw                                                                    | Standard screw                                                                    | Standard screw                                                                     |
| Mounting             |           | 35mm DIN rail                                                                     | 35mm DIN rail                                                                     | 35mm DIN rail                                                                      |
| Terminal Torque      | (N-m)     | 1.4 - 2.0                                                                         | 1.4 - 2.0                                                                         | 1.4 - 2.0                                                                          |
|                      | (in-lbs.) | 12.4 - 17.8                                                                       | 12.4 - 17.8                                                                       | 12.4 - 17.8                                                                        |
| End Plate            |           | BNE20                                                                             | BNE20                                                                             | BNE20                                                                              |
| DIN Rail Stop        |           | BNL-5                                                                             | BNL-5                                                                             | BNL-5                                                                              |
| Dust Cover           |           | —                                                                                 | —                                                                                 | —                                                                                  |
| Marking Strip        |           | BNM7                                                                              | BNM7                                                                              | BNM7                                                                               |
| Applicable Fuse Size |           | 1/4" x 1-1/4"<br>(6.35 x 31.8mm)                                                  | 1/4" x 1-1/4"<br>(6.35 x 31.8mm)                                                  | 1/4" x 1-1/4"<br>(6.35 x 31.8mm)                                                   |

 1. BNDN1000 aluminum DIN rails are available in 1 meter lengths.  
2. Fuses not included.

Switches & Pilot Lights

Display Lights

Relays & Sockets

Timers

Terminal Blocks

Circuit Breakers

## Dimensions

### BNH Series

| Part No.          | Diagrams |  |
|-------------------|----------|--|
| BNH10W<br>BNH15MW |          |  |
|                   |          |  |
| BNH15LW<br>BNH30W |          |  |
|                   |          |  |
| BNH50W            |          |  |

### BN Series

| Part No.        | Diagrams |  |
|-----------------|----------|--|
| BN75W<br>BN150W |          |  |
|                 |          |  |

| Part No.                      | Diagrams |  |
|-------------------------------|----------|--|
| BNF10SW<br>BNF10NW<br>BNW10DW |          |  |
|                               |          |  |

