

## NEUTRAL BAR FOR TD DISTRIBUTION BLOCKS



### CERTIFICATIONS



### FEATURES

Attaches to four pole distribution blocks for increased wire capacity

Direct electrical connection

Strong mechanical assembly

Transparent protection cover

Halogen free

RoHS compliant

Conforms to EN 45545 obtaining an HL3 classification for chapter R23 and HL2 classification for chapter R22

### SPECIFICATIONS

Table 1/4

| Catalog Number | Article Number | Max Current Rating, IEC | Peak Short Circuit Current (I <sub>pk</sub> ) | Line Side Stranded Wire Size - Ferrule | Line Side Compact Stranded Wire Size | Short Term Withstand Current (I <sub>cw</sub> ) 1s |
|----------------|----------------|-------------------------|---|--|--------------------------------------|--|
| NB-125A        | 563841         | 125A                    | 30kA  | 6 – 16mm <sup>2</sup>                  | 10 - 25 mm <sup>2</sup>              | 4.5kA  |
| NB-160A        | 563201         | 160A                    | 35kA  | 10 – 25mm <sup>2</sup>                 | 10 - 35 mm <sup>2</sup>              | 6.2kA  |

Table 2/4

| Catalog Number | Article Number | Line Side Number of Connections | Load Side Number of Connections | Load Side Compact Stranded Wire Size | Load Side Stranded Wire Size - Ferrule | Height (H) |
|----------------|----------------|---------------------------------|---------------------------------|--------------------------------------|--|------------|
| NB-125A        | 563841         | 3                               | 9                               | 2,5 - 6 mm <sup>2</sup>              | 1,5 – 6 mm <sup>2</sup>                | 34.3mm     |
| NB-160A        | 563201         | 4                               | 10                              | 2,5 - 16 mm <sup>2</sup>             | 1,5 – 16 mm <sup>2</sup>               | 34.3mm     |

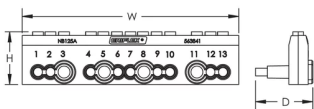
Table 3/4

| Catalog Number | Article Number | Width (W) | Depth (D) | Unit Weight | For Use With                                  | Flammability Rating |
|----------------|----------------|-----------|-----------|-------------|---|---------------------|
| NB-125A        | 563841         | 142mm     | 37.4mm    | 0.17kg      | TD-100-125AL (563830), TD-100-125ALL (563840) | UL® 94V-0           |
| NB-160A        | 563201         | 170mm     | 41.4mm    | 0.2kg       | TD-160A (563200), TD-160AL (563990)           | UL® 94V-0           |

Table 4/4

| Catalog Number | Article Number | Complies With  |
|----------------|----------------|----------------|
| NB-125A        | 563841         | IEC® 60947-7-1 |
| NB-160A        | 563201         | IEC® 60947-7-1 |

## DIAGRAMS



## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



Our powerful portfolio of brands:  
**nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF**  
**TRACER**