

# Universal Connecting Bar



nVent ERIFLEX Connecting, Earthing and Neutral Busbars are used to connect several earthing conductors within a panel and can be used in a variety of different applications including switchgear and control equipment, electrical equipment, for wind and solar power generation and in data centers. This Universal Connecting Bar can be used as a 450A current rating IEC for power distribution.

## CERTIFICATIONS



## FEATURES

Easy to wire with a hexagonal key

Design allows for visual inspection of conductor and confirmation of connection

For use with punched or threaded copper busbar

High fill ratio allows output connection with or without terminal

Quick and easy installation

RoHS compliant

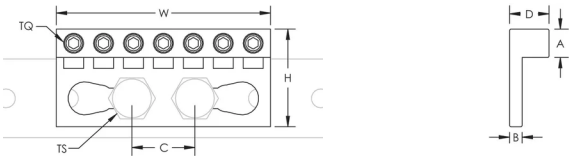
## SPECIFICATIONS

|                              |                                       |
|------------------------------|---------------------------------------|
| <b>Catalog Number</b>        | <b>CB7X16</b>                         |
| Article Number               | 553150                                |
| Material                     | Brass                                 |
| Max Current Rating           | 450A                                  |
| Number of Tunnel Connections | 7                                     |
| Conductor Size, IEC          | (7) 1.5 - 16 mm <sup>2</sup> Stranded |

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | <b>CB7X16</b>                              |
| Ferrule Conductor Size, IEC | (7) 1.5 - 16 mm <sup>2</sup>               |
| Conductor Size, UL          | (7) #10 - #6 Solid<br>(7) #8 - #4 Stranded |
| Depth (D)                   | 12.5mm                                     |
| Height (H)                  | 31 mm                                      |
| Width (W)                   | 68 mm                                      |
| A                           | 9 mm                                       |
| B                           | 4 mm                                       |
| Torque (TQ)                 | 3.5 N·m                                    |
| Unit Weight                 | 0.08 kg                                    |

| Thread Size TS | c              |
|----------------|----------------|
| M5             | 18 mm          |
| M6             | 17.5 mm; 25 mm |
| M8             | 20 mm; 25 mm   |
| M10            | 25 mm          |

### 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.

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