

# 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.

## 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

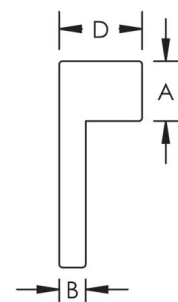
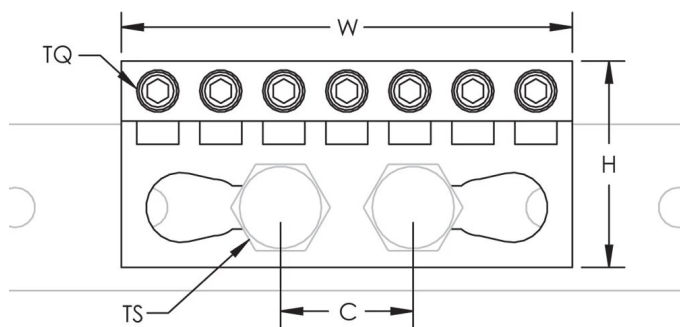
| Table 1/2                    |                                       |
|------------------------------|---------------------------------------|
| Catalog Number               | CB7X16                                |
| Article Number               | 553150                                |
| Material                     | Brass                                 |
| Max Current Rating           | 450A                                  |
| Number of Tunnel Connections | 7                                     |
| Conductor Size, IEC          | (7) 1.5 - 16 mm <sup>2</sup> Stranded |

| Catalog Number              | CB7X16                                     |
|-----------------------------|--------------------------------------------|
| 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                                    |

Table 2/2

| Catalog Number | CB7X16  |
|----------------|---------|
| Unit Weight    | 0.08 kg |

## 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.

**North America**

+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical  
Support

**Europe**

Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

**Europe**

Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

**APAC**

Shanghai:  
+ 86 21 2412 1618/19  
Sydney:  
+61 2 9751 8500

