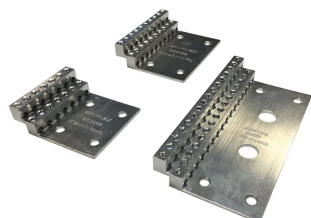


# CB Connecting Bar



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. CB Busbars can also be used to collect DC current from Solar Panel.

## CERTIFICATIONS



## FEATURES

Ideal for solar applications

Tinned aluminum bar allows for copper or aluminum conductor connections

Design allows for visual inspection of conductor and confirmation of connection

Can be fixed on standoff insulators or punched or threaded copper busbar

High fill ratio allows output connection with or without terminal

Quick and easy installation

RoHS compliant

## SPECIFICATIONS

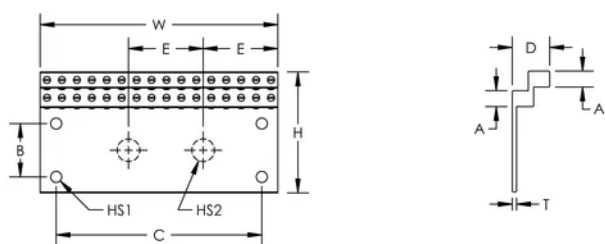
**Material:** Aluminum

**Finish:** Tinned

| Catalog Number          | CB14X10AL | CB20X10AL | CB32X10AL |
|-------------------------|-----------|-----------|-----------|
| Article Number          | 553152    | 553153    | 553151    |
| Max Current Rating, IEC | 450A      | 640A      | 1020A     |

| Catalog Number              | CB14X10AL                                     | CB20X10AL                                     | CB32X10AL                                     |
|-----------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Number of Connections       | 14                                            | 20                                            | 32                                            |
| Conductor Size, IEC         | (14) 1.5 - 6 mm <sup>2</sup> Stranded         | (20) 1.5 - 6 mm <sup>2</sup> Stranded         | (32) 1.5 - 6 mm <sup>2</sup> Stranded         |
| Ferrule Conductor Size, IEC | (14) 2.5 - 6 mm <sup>2</sup>                  | (20) 2.5 - 6 mm <sup>2</sup>                  | (32) 2.5 - 6 mm <sup>2</sup>                  |
| Conductor Size, UL          | (14) #14 - #6 Solid<br>(14) #16 - #6 Stranded | (20) #14 - #6 Solid<br>(20) #16 - #6 Stranded | (32) #14 - #6 Solid<br>(32) #16 - #6 Stranded |
| Depth (D)                   | 22mm                                          | 22mm                                          | 22mm                                          |
| Height (H)                  | 72 mm                                         | 72 mm                                         | 72 mm                                         |
| Width (W)                   | 61.5 mm                                       | 88 mm                                         | 141.5 mm                                      |
| Thickness (T)               | 2.5 mm                                        | 2.5 mm                                        | 2.5 mm                                        |
| Hole Size 1 (HS1)           | 6.6 mm                                        | 6.6 mm                                        | 6.6 mm                                        |
| Hole Size 2 (HS2)           |                                               |                                               | 13.5 mm                                       |
| A                           | 9.5 mm                                        | 9.5 mm                                        | 9.5 mm                                        |
| B                           | 31.75 mm                                      | 31.75 mm                                      | 31.75 mm                                      |
| C                           | 36 mm                                         | 62.75 mm                                      | 122.5 mm                                      |
| E                           |                                               |                                               | 44.5 mm                                       |
| Torque (TQ)                 | 2 N·m                                         | 2 N·m                                         | 2 N·m                                         |
| Unit Weight                 | 0.07 kg                                       | 0.1 kg                                        | 0.16 kg                                       |
| Complies With               | IEC® 60947-1<br>IEC® 60998-2-1                | IEC® 60947-1<br>IEC® 60998-2-1                | IEC® 60947-1<br>IEC® 60998-2-1                |

## 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.

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