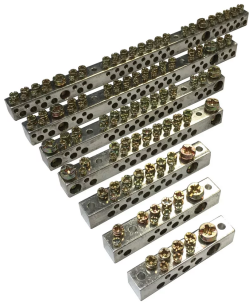


# Tinned Aluminum Earthing and Neutral Double Busbar



Earthing and Neutral Busbars are used to connect several earthing conductors within a panel and can be used in a variety of different applications such as switchgear and control equipment, electrical equipment, for wind and solar power generation and data centers.

## CERTIFICATIONS



## FEATURES

Tinned aluminum bar allows for copper or aluminum conductor connections

Use to connect several earthing conductors

Chamfered holes allow for easy connections

Tin plating is corrosion resistant

Rigid bar

Can be fixed using IRS Angle Support Bracket, DMH Metallic Spacer or DH Distance Holder and Spacer

Quick and easy installation

RoHS compliant

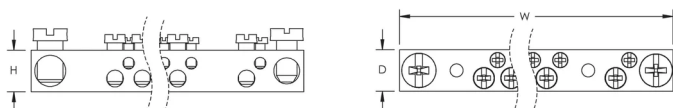
## SPECIFICATIONS

**Material:** Aluminum

**Finish:** Tinned

| Catalog Number        | EBD8AL                                                                                                                       | EBD10AL                                                                                                                      | EBD14AL                                                                                                                      | EBD20AL                                                                                                                                                                 | EBD26AL                                                                                                                                                                   | EBD34AL                                                                                                                                                                   | EBD44AL                                                                                                                                                                   |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Number        | 568716                                                                                                                       | 568717                                                                                                                       | 568718                                                                                                                       | 568719                                                                                                                                                                  | 568720                                                                                                                                                                    | 568721                                                                                                                                                                    | 568722                                                                                                                                                                    |
| Number of Connections | 8                                                                                                                            | 10                                                                                                                           | 14                                                                                                                           | 20                                                                                                                                                                      | 26                                                                                                                                                                        | 34                                                                                                                                                                        | 44                                                                                                                                                                        |
| Conductor Size, IEC   | (1) 16 - 35 mm <sup>2</sup><br>Stranded<br>(4) 6 - 10 mm <sup>2</sup><br>Stranded<br>(3) 1.5 - 6 mm <sup>2</sup><br>Stranded | (1) 16 - 35 mm <sup>2</sup><br>Stranded<br>(5) 6 - 10 mm <sup>2</sup><br>Stranded<br>(4) 1.5 - 6 mm <sup>2</sup><br>Stranded | (1) 16 - 35 mm <sup>2</sup><br>Stranded<br>(7) 6 - 10 mm <sup>2</sup><br>Stranded<br>(6) 1.5 - 6 mm <sup>2</sup><br>Stranded | (1) 16 - 35 mm <sup>2</sup><br>Stranded<br>(1) 16 - 50 mm <sup>2</sup><br>Stranded<br>(9) 1.5 - 6 mm <sup>2</sup><br>Stranded<br>(9) 6 - 10 mm <sup>2</sup><br>Stranded | (1) 16 - 35 mm <sup>2</sup><br>Stranded<br>(1) 16 - 50 mm <sup>2</sup><br>Stranded<br>(12) 1.5 - 6 mm <sup>2</sup><br>Stranded<br>(12) 6 - 10 mm <sup>2</sup><br>Stranded | (1) 16 - 35 mm <sup>2</sup><br>Stranded<br>(1) 16 - 50 mm <sup>2</sup><br>Stranded<br>(16) 1.5 - 6 mm <sup>2</sup><br>Stranded<br>(16) 6 - 10 mm <sup>2</sup><br>Stranded | (1) 16 - 35 mm <sup>2</sup><br>Stranded<br>(1) 16 - 50 mm <sup>2</sup><br>Stranded<br>(21) 1.5 - 6 mm <sup>2</sup><br>Stranded<br>(21) 6 - 10 mm <sup>2</sup><br>Stranded |
| Conductor Size, UL    | (1) #4 - #2 Stranded<br>(3) #16 - #10 Stranded<br>(4) #8 - #6 Stranded                                                       | (1) #4 - #2 Stranded<br>(4) #16 - #10 Stranded<br>(5) #8 - #6 Stranded                                                       | (1) #4 - #2 Stranded<br>(6) #16 - #10 Stranded<br>(7) #8 - #6 Stranded                                                       | (1) #1 - #1/0 Stranded<br>(1) #4 - #2 Stranded<br>(9) #16 - #10 Stranded<br>(9) #8 - #6 Stranded                                                                        | (1) #1 - #1/0 Stranded<br>(1) #4 - #2 Stranded<br>(12) #8 - #6 Stranded<br>(12) #16 - #10 Stranded                                                                        | (1) #1 - #1/0 Stranded<br>(1) #4 - #2 Stranded<br>(16) #8 - #6 Stranded<br>(16) #16 - #10 Stranded                                                                        | (1) #1 - #1/0 Stranded<br>(1) #4 - #2 Stranded<br>(21) #16 - #10 Stranded<br>(21) #8 - #6 Stranded                                                                        |
| Max Current Rating    | 115A                                                                                                                         | 115A                                                                                                                         | 115A                                                                                                                         | 115A                                                                                                                                                                    | 150A                                                                                                                                                                      | 150A                                                                                                                                                                      | 150A                                                                                                                                                                      |
| Height (H)            | 12.7 mm                                                                                                                      | 12.7 mm                                                                                                                      | 12.7 mm                                                                                                                      | 12.7 mm                                                                                                                                                                 | 12.7 mm                                                                                                                                                                   | 12.7 mm                                                                                                                                                                   | 12.7 mm                                                                                                                                                                   |
| Width (W)             | 63.5 mm                                                                                                                      | 76.2 mm                                                                                                                      | 89.6 mm                                                                                                                      | 123.4 mm                                                                                                                                                                | 149.3 mm                                                                                                                                                                  | 187.7 mm                                                                                                                                                                  | 229.6 mm                                                                                                                                                                  |
| Depth (D)             | 12.7mm                                                                                                                       | 12.7mm                                                                                                                       | 12.7mm                                                                                                                       | 12.7mm                                                                                                                                                                  | 12.7mm                                                                                                                                                                    | 12.7mm                                                                                                                                                                    | 12.7mm                                                                                                                                                                    |
| Unit Weight           | 0.03 kg                                                                                                                      | 0.04 kg                                                                                                                      | 0.05 kg                                                                                                                      | 0.07 kg                                                                                                                                                                 | 0.08 kg                                                                                                                                                                   | 0.1 kg                                                                                                                                                                    | 0.12 kg                                                                                                                                                                   |
| Certification Details |                                                                                                                              | UL® 486A<br>UL® 486B                                                                                                         | UL® 486A<br>UL® 486B                                                                                                         | UL® 486A<br>UL® 486B                                                                                                                                                    | UL® 486A<br>UL® 486B                                                                                                                                                      | UL® 486A<br>UL® 486B                                                                                                                                                      | UL® 486A<br>UL® 486B                                                                                                                                                      |

## 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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