

# EBC-133 Earthing and Neutral Busbar



EBC-133 Earthing and Neutral Busbars are used to connect multiple earthing conductors within a panel and can be used in a variety of different applications including switchgear and control equipment, electrical equipment, wind and solar power generation, data centers and in power distribution application.

EBC-133 Earthing and Neutral Busbar can be fixed using IRS Angle Support Bracket, DMH Metallic Spacer or DH Distance Holder and Spacer.

## CERTIFICATIONS



## FEATURES

Easy for the installer to add connections

Clamps are fully assembled

Clamps follow the screw vertically, making it quick and easy to mount the conductor

Cut to length as needed

Main terminal clamp available for thicker conductors

Can be connected to IBSB25 Insulated Braided Conductor, MJB Grounding and Bonding Braid, and nVent ERIFLEX Flexibar up to 9 mm (0.354")

Quick and easy installation

RoHS compliant

## SPECIFICATIONS

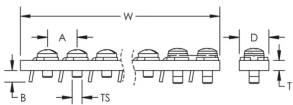
**Material:** Copper;Steel

**Finish:** Electrogalvanized

| Catalog Number | EBC133-10X3X2000 | EBC133-15X5X2000 |
|----------------|------------------|------------------|
|----------------|------------------|------------------|

|                       |                                                                                 |                                                                                 |
|-----------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| Article Number        | 568612                                                                          | 568613                                                                          |
| Number of Connections | 133                                                                             | 133                                                                             |
| Conductor Size, IEC   | (133) 0.5 - 16 mm <sup>2</sup> Solid<br>(133) 0.5 - 10 mm <sup>2</sup> Stranded | (133) 0.5 - 16 mm <sup>2</sup> Solid<br>(133) 0.5 - 10 mm <sup>2</sup> Stranded |
| Conductor Width       | 9 mm Max                                                                        | 9 mm Max                                                                        |
| Max Current Rating    | 108A                                                                            | 218A                                                                            |
| Cross Section         | 30mm <sup>2</sup>                                                               | 75mm <sup>2</sup>                                                               |
| Depth (D)             | 10mm                                                                            | 15mm                                                                            |
| Width (W)             | 2000 mm                                                                         | 2000 mm                                                                         |
| Thickness (T)         | 3 mm                                                                            | 5 mm                                                                            |
| A                     | 15 mm                                                                           | 15 mm                                                                           |
| B                     | 4.8 mm                                                                          | 6.8 mm                                                                          |
| Thread Size (TS)      | M5                                                                              | M5                                                                              |
| Torque (TQ)           | 2.5 N·m                                                                         | 4.5 N·m                                                                         |
| Unit Weight           | 1 kg                                                                            | 1.8 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.

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