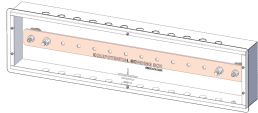


# Electrical Earth Bar with Enclosure



## FEATURES

Provides a convenient, single-point grounding and bonding location

High conductivity, hard drawn, electrolytic tough pitch copper per EN 13601

Includes stainless steel 304 enclosure, halogen-free polyamide insulators, stainless steel hardware

Custom bars can be designed and manufactured to customer specifications

Compression straight lug: according to DIN46235 standard

8 microns tinned finish according to ASTM B545 Service Class "C"

## SPECIFICATIONS

Table 1/3

| Catalog Number | Material                                       | Finish | A     | Diameter (Ø) | Height (H) | Number of Connections |
|----------------|------------------------------------------------|--------|-------|--------------|------------|-----------------------|
| EEB02C506BX    | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 2                     |
| EEB02T506BX    | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 2                     |
| EEB03C506BX    | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 3                     |
| EEB03T506BX    | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 3                     |

| CatalogNumber | Material                                       | Finish | A     | Diameter (Ø) | Height (H) | Number of Connections |
|---------------|------------------------------------------------|--------|-------|--------------|------------|-----------------------|
| EEB04C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 4                     |
| EEB04T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 4                     |
| EEB05C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 5                     |
| EEB05T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 5                     |
| EEB06C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 6                     |
| EEB06T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 6                     |
| EEB07C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 7                     |
| EEB07T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 7                     |
| EEB08C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 8                     |
| EEB08T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 8                     |
| EEB09C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 9                     |
| EEB09T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 9                     |
| EEB10C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 10                    |

| CatalogNumber | Material                                       | Finish | A     | Diameter (Ø) | Height (H) | Number of Connections |
|---------------|------------------------------------------------|--------|-------|--------------|------------|-----------------------|
| EEB10T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 10                    |
| EEB11C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 11                    |
| EEB11T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 11                    |
| EEB12C506BX   | Stainless Steel 304 (EN 1.4301), Copper        | Bare   | 50 mm | 20 mm        | 86.5 mm    | 12                    |
| EEB12T506BX   | Stainless Steel 304 (EN 1.4301), Tinned Copper |        | 50 mm | 20 mm        | 86.5 mm    | 12                    |

Table 2/3

| Catalog Number | Thickness (T) | Thread Size (TS) | Length 1 (L1) | Length 2 (L2) | Length 3 (L3) | Width 1 (W1) |
|----------------|---------------|------------------|---------------|---------------|---------------|--------------|
| EEB02C506BX    | 6 mm          | M10              | 200 mm        | 250 mm        | 270mm         | 50 mm        |
| EEB02T506BX    | 6 mm          | M10              | 200 mm        | 250 mm        | 270mm         | 50 mm        |
| EEB03C506BX    | 6 mm          | M10              | 250 mm        | 300 mm        | 320mm         | 50 mm        |
| EEB03T506BX    | 6 mm          | M10              | 250 mm        | 300 mm        | 320mm         | 50 mm        |
| EEB04C506BX    | 6 mm          | M10              | 300 mm        | 350 mm        | 370mm         | 50 mm        |
| EEB04T506BX    | 6 mm          | M10              | 300 mm        | 350 mm        | 370mm         | 50 mm        |
| EEB05C506BX    | 6 mm          | M10              | 350 mm        | 400 mm        | 420mm         | 50 mm        |
| EEB05T506BX    | 6 mm          | M10              | 350 mm        | 400 mm        | 420mm         | 50 mm        |
| EEB06C506BX    | 6 mm          | M10              | 400 mm        | 450 mm        | 470mm         | 50 mm        |

| CatalogNumber | Thickness (T) | Thread Size (TS) | Length 1 (L1) | Length 2 (L2) | Length 3 (L3) | Width 1 (W1) |
|---------------|---------------|------------------|---------------|---------------|---------------|--------------|
| EEB06T506BX   | 6 mm          | M10              | 400 mm        | 450 mm        | 470mm         | 50 mm        |
| EEB07C506BX   | 6 mm          | M10              | 450 mm        | 500 mm        | 520mm         | 50 mm        |
| EEB07T506BX   | 6 mm          | M10              | 450 mm        | 500 mm        | 520mm         | 50 mm        |
| EEB08C506BX   | 6 mm          | M10              | 500 mm        | 550 mm        | 570mm         | 50 mm        |
| EEB08T506BX   | 6 mm          | M10              | 500 mm        | 550 mm        | 570mm         | 50 mm        |
| EEB09C506BX   | 6 mm          | M10              | 550 mm        | 600 mm        | 620mm         | 50 mm        |
| EEB09T506BX   | 6 mm          | M10              | 550 mm        | 600 mm        | 620mm         | 50 mm        |
| EEB10C506BX   | 6 mm          | M10              | 600 mm        | 650 mm        | 670mm         | 50 mm        |
| EEB10T506BX   | 6 mm          | M10              | 600 mm        | 650 mm        | 670mm         | 50 mm        |
| EEB11C506BX   | 6 mm          | M10              | 650 mm        | 700 mm        | 720mm         | 50 mm        |
| EEB11T506BX   | 6 mm          | M10              | 650 mm        | 700 mm        | 720mm         | 50 mm        |
| EEB12C506BX   | 6 mm          | M10              | 700 mm        | 750 mm        | 770mm         | 50 mm        |
| EEB12T506BX   | 6 mm          | M10              | 700 mm        | 750 mm        | 770mm         | 50 mm        |

Table 3/3

| Catalog Number | Width 2 (W2) | Width 3 (W3) | Unit Weight |
|----------------|--------------|--------------|-------------|
| EEB02C506BX    | 180 mm       | 200mm        | 2.85 kg     |
| EEB02T506BX    | 180 mm       | 200mm        | 2.85 kg     |
| EEB03C506BX    | 180 mm       | 200mm        | 3.25 kg     |
| EEB03T506BX    | 180 mm       | 200mm        | 3.25 kg     |

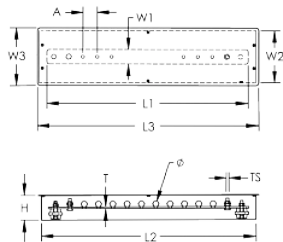
| Catalog Number | Width 2 (W2) | Width 3 (W3) | Unit Weight |
|----------------|--------------|--------------|-------------|
| EEB04C506BX    | 180 mm       | 200mm        | 3.65 kg     |
| EEB04T506BX    | 180 mm       | 200mm        | 3.65 kg     |
| EEB05C506BX    | 180 mm       | 200mm        | 4.05 kg     |
| EEB05T506BX    | 180 mm       | 200mm        | 4.05 kg     |
| EEB06C506BX    | 180 mm       | 200mm        | 4.45 kg     |
| EEB06T506BX    | 180 mm       | 200mm        | 4.45 kg     |
| EEB07C506BX    | 180 mm       | 200mm        | 4.85 kg     |
| EEB07T506BX    | 180 mm       | 200mm        | 4.85 kg     |
| EEB08C506BX    | 180 mm       | 200mm        | 5.25 kg     |
| EEB08T506BX    | 180 mm       | 200mm        | 5.25 kg     |
| EEB09C506BX    | 180 mm       | 200mm        | 5.65 kg     |
| EEB09T506BX    | 180 mm       | 200mm        | 5.65 kg     |
| EEB10C506BX    | 180 mm       | 200mm        | 6.05 kg     |
| EEB10T506BX    | 180 mm       | 200mm        | 6.05 kg     |
| EEB11C506BX    | 180 mm       | 200mm        | 6.45 kg     |
| EEB11T506BX    | 180 mm       | 200mm        | 6.45 kg     |
| EEB12C506BX    | 180 mm       | 200mm        | 6.85 kg     |
| EEB12T506BX    | 180 mm       | 200mm        | 6.85 kg     |

ADDITIONAL PRODUCT DETAILS

Including insulator, hardware & accessories, 2-12 knockout holes.

Available cable size ≤ 95 mm².

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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