

# Electrical Earth Bar

## Data Solutions



### DIAGRAMS



### FEATURES

Provides a convenient, single-point grounding and bonding location

Busbars with disconnect links allow for convenient testing of the earth termination system

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

Includes halogen-free polyamide insulators, stainless steel (EN 1.4401) hardware and mounting brackets

Custom bars can be designed and manufactured to customer specifications

### SPECIFICATIONS

**Material:** Copper

**Complies With:** IEC@ EN 62561-1:2017 Class H

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| Catalog Number | Finish | Number of Connections | Number of Disconnects | Thread Size (TS) | Height (H) | Length (L) |
|----------------|--------|-----------------------|-----------------------|------------------|------------|------------|
|----------------|--------|-----------------------|-----------------------|------------------|------------|------------|

|              |        |    |   |     |      |        |
|--------------|--------|----|---|-----|------|--------|
| EEB14C506D0A | Bare   | 14 | 0 | M10 | 94mm | 850mm  |
| EEB08T506D0A | Tinned | 8  | 0 | M10 | 94mm | 500mm  |
| EEB18T506D0A | Tinned | 18 | 0 | M10 | 94mm | 1050mm |
| EEB20T506D0A | Tinned | 20 | 0 | M10 | 94mm | 1150mm |
| EEB12T506D0A | Tinned | 12 | 0 | M10 | 94mm | 700mm  |
| EEB20C506D0A | Bare   | 20 | 0 | M10 | 94mm | 1150mm |
| EEB24C506D0A | Bare   | 24 | 0 | M10 | 94mm | 1350mm |
| EEB28T506D0A | Tinned | 28 | 0 | M10 | 94mm | 1600mm |
| EEB06T506D0A | Tinned | 6  | 0 | M10 | 94mm | 400mm  |
| EEB30C506D0A | Bare   | 30 | 0 | M10 | 94mm | 1700mm |
| EEB18C506D0A | Bare   | 18 | 0 | M10 | 94mm | 1050mm |
| EEB30T506D0A | Tinned | 30 | 0 | M10 | 94mm | 1700mm |
| EEB24T506D0A | Tinned | 24 | 0 | M10 | 94mm | 1350mm |
| EEB04T506D0A | Tinned | 4  | 0 | M10 | 94mm | 300mm  |
| EEB22C506D0A | Bare   | 22 | 0 | M10 | 94mm | 1250mm |
| EEB26C506D0A | Bare   | 26 | 0 | M10 | 94mm | 1500mm |
| EEB14T506D0A | Tinned | 14 | 0 | M10 | 94mm | 850mm  |
| EEB06C506D0A | Bare   | 6  | 0 | M10 | 94mm | 400mm  |
| EEB10T506D0A | Tinned | 10 | 0 | M10 | 94mm | 600mm  |
| EEB10C506D0A | Bare   | 10 | 0 | M10 | 94mm | 600mm  |

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| Catalog Number | Finish | Number of Connections | Number of Disconnects | Thread Size (TS) | Height (H) | Length (L) |
|----------------|--------|-----------------------|-----------------------|------------------|------------|------------|
| EEB16T506D0A   | Tinned | 16                    | 0                     | M10              | 94mm       | 950mm      |
| EEB08C506D0A   | Bare   | 8                     | 0                     | M10              | 94mm       | 500mm      |
| EEB28C506D0A   | Bare   | 28                    | 0                     | M10              | 94mm       | 1600mm     |
| EEB04C506D0A   | Bare   | 4                     | 0                     | M10              | 94mm       | 300mm      |
| EEB26T506D0A   | Tinned | 26                    | 0                     | M10              | 94mm       | 1500mm     |
| EEB22T506D0A   | Tinned | 22                    | 0                     | M10              | 94mm       | 1250mm     |
| EEB12C506D0A   | Bare   | 12                    | 0                     | M10              | 94mm       | 700mm      |
| EEB16C506D0A   | Bare   | 16                    | 0                     | M10              | 94mm       | 950mm      |
| EEB08C506D1A   | Bare   | 8                     | 1                     | M10              | 94mm       | 575mm      |
| EEB20C506D1A   | Bare   | 20                    | 1                     | M10              | 94mm       | 1225mm     |
| EEB06C506D1A   | Bare   | 6                     | 1                     | M10              | 94mm       | 475mm      |
| EEB18T506D1A   | Tinned | 18                    | 1                     | M10              | 94mm       | 1125mm     |

| Catalog Number | Finish | Number of Connections | Number of Disconnects | Thread Size (TS) | Height (H) | Length (L) |
|----------------|--------|-----------------------|-----------------------|------------------|------------|------------|
| EEB16T506D2A   | Tinned | 16                    | 2                     | M10              | 94mm       | 1100mm     |
| EEB24C506D2A   | Bare   | 24                    | 2                     | M10              | 94mm       | 1500mm     |
| EEB28C506D2A   | Bare   | 28                    | 2                     | M10              | 94mm       | 1750mm     |
| EEB30T506D1A   | Tinned | 30                    | 1                     | M10              | 94mm       | 1775mm     |
| EEB08T506D2A   | Tinned | 8                     | 2                     | M10              | 94mm       | 650mm      |
| EEB16T506D1A   | Tinned | 16                    | 1                     | M10              | 94mm       | 1025mm     |
| EEB04T506D2A   | Tinned | 4                     | 2                     | M10              | 94mm       | 450mm      |
| EEB14C506D1A   | Bare   | 14                    | 1                     | M10              | 94mm       | 925mm      |

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| Catalog Number | Finish | Number of Connections | Number of Disconnects | Thread Size (TS) | Height (H) | Length (L) |
|----------------|--------|-----------------------|-----------------------|------------------|------------|------------|
| EEB24T506D1A   | Tinned | 24                    | 1                     | M10              | 94mm       | 1425mm     |
| EEB28T506D2A   | Tinned | 28                    | 2                     | M10              | 94mm       | 1750mm     |
| EEB20T506D2A   | Tinned | 20                    | 2                     | M10              | 94mm       | 1300mm     |
| EEB04T506D1A   | Tinned | 4                     | 1                     | M10              | 94mm       | 375mm      |
| EEB24T506D2A   | Tinned | 24                    | 2                     | M10              | 94mm       | 1500mm     |
| EEB06T506D2A   | Tinned | 6                     | 2                     | M10              | 94mm       | 550mm      |
| EEB12C506D2A   | Bare   | 12                    | 2                     | M10              | 94mm       | 850mm      |
| EEB22T506D2A   | Tinned | 22                    | 2                     | M10              | 94mm       | 1400mm     |
| EEB18T506D2A   | Tinned | 18                    | 2                     | M10              | 94mm       | 1200mm     |
| EEB10T506D2A   | Tinned | 10                    | 2                     | M10              | 94mm       | 750mm      |
| EEB22T506D1A   | Tinned | 22                    | 1                     | M10              | 94mm       | 1325mm     |
| EEB18C506D2A   | Bare   | 18                    | 2                     | M10              | 94mm       | 1200mm     |
| EEB06T506D1A   | Tinned | 6                     | 1                     | M10              | 94mm       | 475mm      |
| EEB08C506D2A   | Bare   | 8                     | 2                     | M10              | 94mm       | 650mm      |
| EEB22C506D1A   | Bare   | 22                    | 1                     | M10              | 94mm       | 1325mm     |
| EEB12T506D2A   | Tinned | 12                    | 2                     | M10              | 94mm       | 850mm      |
| EEB30C506D2A   | Bare   | 30                    | 2                     | M10              | 94mm       | 1850mm     |
| EEB18C506D1A   | Bare   | 18                    | 1                     | M10              | 94mm       | 1125mm     |
| EEB22C506D2A   | Bare   | 22                    | 2                     | M10              | 94mm       | 1400mm     |
| EEB12T506D1A   | Tinned | 12                    | 1                     | M10              | 94mm       | 775mm      |

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| Catalog Number | Finish | Number of Connections | Number of Disconnects | Thread Size (TS) | Height (H) | Length (L) |
|----------------|--------|-----------------------|-----------------------|------------------|------------|------------|
| EEB12C506D1A   | Bare   | 12                    | 1                     | M10              | 94mm       | 775mm      |
| EEB06C506D2A   | Bare   | 6                     | 2                     | M10              | 94mm       | 550mm      |
| EEB24C506D1A   | Bare   | 24                    | 1                     | M10              | 94mm       | 1425mm     |
| EEB08T506D1A   | Tinned | 8                     | 1                     | M10              | 94mm       | 575mm      |
| EEB26T506D2A   | Tinned | 26                    | 2                     | M10              | 94mm       | 1650mm     |
| EEB10T506D1A   | Tinned | 10                    | 1                     | M10              | 94mm       | 675mm      |
| EEB28C506D1A   | Bare   | 28                    | 1                     | M10              | 94mm       | 1675mm     |
| EEB28T506D1A   | Tinned | 28                    | 1                     | M10              | 94mm       | 1675mm     |
| EEB30C506D1A   | Bare   | 30                    | 1                     | M10              | 94mm       | 1775mm     |
| EEB16C506D2A   | Bare   | 16                    | 2                     | M10              | 94mm       | 1100mm     |
| EEB26T506D1A   | Tinned | 26                    | 1                     | M10              | 94mm       | 1575mm     |
| EEB26C506D2A   | Bare   | 26                    | 2                     | M10              | 94mm       | 1650mm     |
| EEB10C506D1A   | Bare   | 10                    | 1                     | M10              | 94mm       | 675mm      |
| EEB20T506D1A   | Tinned | 20                    | 1                     | M10              | 94mm       | 1225mm     |
| EEB04C506D2A   | Bare   | 4                     | 2                     | M10              | 94mm       | 450mm      |
| EEB16C506D1A   | Bare   | 16                    | 1                     | M10              | 94mm       | 1025mm     |
| EEB14T506D1A   | Tinned | 14                    | 1                     | M10              | 94mm       | 925mm      |
| EEB04C506D1A   | Bare   | 4                     | 1                     | M10              | 94mm       | 375mm      |
| EEB30T506D2A   | Tinned | 30                    | 2                     | M10              | 94mm       | 1850mm     |
| EEB10C506D2A   | Bare   | 10                    | 2                     | M10              | 94mm       | 750mm      |

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| Catalog Number | Finish | Number of Connections | Number of Disconnects | Thread Size (TS) | Height (H) | Length (L) |
|----------------|--------|-----------------------|-----------------------|------------------|------------|------------|
| EEB26C506D1A   | Bare   | 26                    | 1                     | M10              | 94mm       | 1575mm     |
| EEB14C506D2A   | Bare   | 14                    | 2                     | M10              | 94mm       | 1000mm     |
| EEB14T506D2A   | Tinned | 14                    | 2                     | M10              | 94mm       | 1000mm     |
| EEB20C506D2A   | Bare   | 20                    | 2                     | M10              | 94mm       | 1300mm     |

Table 1/5

| Catalog Number | Width 1 (W1) | Width 2 (W2) | Thickness (T) | A    | Unit Weight |
|----------------|--------------|--------------|---------------|------|-------------|
| EEB14C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 3.75kg      |
| EEB08T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 2.27kg      |
| EEB18T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 4.61kg      |

| Catalog Number | Width 1 (W1) | Width 2 (W2) | Thickness (T) | A    | Unit Weight |
|----------------|--------------|--------------|---------------|------|-------------|
| EEB20T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 5.01kg      |
| EEB12T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 3.07kg      |
| EEB20C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 4.93kg      |
| EEB24C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 5.72kg      |
| EEB28T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 6.94kg      |
| EEB06T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 1.87kg      |
| EEB30C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 7.23kg      |
| EEB18C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 4.54kg      |
| EEB30T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 7.34kg      |
| EEB24T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 5.81kg      |
| EEB04T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 1.47kg      |
| EEB22C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 5.33kg      |
| EEB26C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 6.44kg      |
| EEB14T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 3.81kg      |
| EEB06C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 1.84kg      |
| EEB10T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 2.67kg      |
| EEB10C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 2.63kg      |

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| Catalog Number | Width 1 (W1) | Width 2 (W2) | Thickness (T) | A    | Unit Weight |
|----------------|--------------|--------------|---------------|------|-------------|
| EEB16T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 4.21kg      |
| EEB08C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 2.23kg      |
| EEB28C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 6.84kg      |
| EEB04C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 1.45kg      |
| EEB26T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 6.54kg      |
| EEB22T506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 5.41kg      |
| EEB12C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 3.03kg      |
| EEB16C506D0A   | 100mm        | 50mm         | 6mm           | 50mm | 4.14kg      |
| EEB08C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 2.85kg      |
| EEB20C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 5.54kg      |
| EEB06C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 2.45kg      |
| EEB18T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 5.22kg      |
| EEB16T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 5.43kg      |
| EEB24C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 6.94kg      |
| EEB28C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 8.06kg      |

| Catalog Number | Width 1 (W1) | Width 2 (W2) | Thickness (T) | A    | Unit Weight |
|----------------|--------------|--------------|---------------|------|-------------|
| EEB30T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 7.96kg      |
| EEB08T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 3.5kg       |
| EEB16T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 4.82kg      |
| EEB04T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 2.7kg       |
| EEB14C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 4.36kg      |

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| Catalog Number | Width 1 (W1) | Width 2 (W2) | Thickness (T) | A    | Unit Weight |
|----------------|--------------|--------------|---------------|------|-------------|
| EEB24T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 6.42kg      |
| EEB28T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 8.17kg      |
| EEB20T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 6.23kg      |
| EEB04T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 2.08kg      |
| EEB24T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 7.04kg      |
| EEB06T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 3.1kg       |
| EEB12C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 4.25kg      |
| EEB22T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 6.64kg      |
| EEB18T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 5.83kg      |
| EEB10T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 3.9kg       |
| EEB22T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 6.02kg      |
| EEB18C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 5.76kg      |
| EEB06T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 2.48kg      |
| EEB08C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 3.46kg      |
| EEB22C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 5.94kg      |
| EEB12T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 4.3kg       |
| EEB30C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 8.45kg      |
| EEB18C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 5.15kg      |
| EEB22C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 6.55kg      |
| EEB12T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 3.69kg      |

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| Catalog Number | Width 1 (W1) | Width 2 (W2) | Thickness (T) | A    | Unit Weight |
|----------------|--------------|--------------|---------------|------|-------------|
| EEB12C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 3.64kg      |
| EEB06C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 3.07kg      |
| EEB24C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 6.33kg      |
| EEB08T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 2.89kg      |

| Catalog Number | Width 1 (W1) | Width 2 (W2) | Thickness (T) | A    | Unit Weight |
|----------------|--------------|--------------|---------------|------|-------------|
| EEB26T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 7.77kg      |
| EEB10T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 3.29kg      |
| EEB28C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 7.45kg      |
| EEB28T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 7.56kg      |
| EEB30C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 7.84kg      |
| EEB16C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 5.37kg      |
| EEB26T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 7.16kg      |
| EEB26C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 7.67kg      |
| EEB10C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 3.24kg      |
| EEB20T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 5.62kg      |
| EEB04C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 2.67kg      |
| EEB16C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 4.76kg      |
| EEB14T506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 4.42kg      |
| EEB04C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 2.06kg      |
| EEB30T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 8.57kg      |
| EEB10C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 3.86kg      |

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| Catalog Number | Width 1 (W1) | Width 2 (W2) | Thickness (T) | A    | Unit Weight |
|----------------|--------------|--------------|---------------|------|-------------|
| EEB26C506D1A   | 100mm        | 50mm         | 6mm           | 50mm | 7.05kg      |
| EEB14C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 4.97kg      |
| EEB14T506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 5.03kg      |
| EEB20C506D2A   | 100mm        | 50mm         | 6mm           | 50mm | 6.15kg      |

## ADDITIONAL PRODUCT DETAILS

Tinned finish is 8 microns according to ASTM B545 Service Class "C" for corrosive environments.

## 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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