

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Description: Earth bar with one disconnecting link**

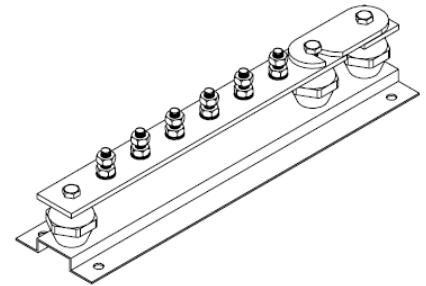
ed.02/2020

#### Application

Copper equipotential earthing bar with 1 disconnecting link. Fixed through insulators to profile, for wall mounting.

#### Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- General use
- Intended to withstand a static mechanical load
- Non-permanent connection



#### Technical characteristics

|                                 |   |
|---------------------------------|---|
| Material                        | Earthing bar: copper (Cu)<br>Wall mounting profile: electroplated zinc steel (St/eZn)<br>Insulators: glass reinforced polyester (GRP) |
| Earthing bar dimensions (WxT)   | 50x6 mm   |
| Bolts / Nuts / Washers          | M10x35 mm V2A stainless steel bolts, M10 nuts washers   |
| Short circuit current withstand | 45,6 kA (50Hz, 1s, 500° C) / 26,3 kA (50Hz, 3s, 500° C)   |
| Insulators' height              | 50 mm (other heights available upon request)  |

#### Installation instructions

|                               |  |
|-------------------------------|--|
| Connection arrangement        | B10 according to IEC EN 62561-1  |
| Installation                  | Above ground   |
| Can be connected outdoor with | Cu, Cu/eSn, Stainless Steel (SSt)  |
| Can be connected indoor with  | Al, Cu, Cu/eSn, Stainless Steel (SSt), St/tZn                            |
| Tightening torque             | 17 Nm  |
| Recommended wall fixing       | Through 8x35 mm wood screws with corresponding wall plugs (not included) |

#### Available types

| Terminations No | Length (mm) | Insulators No | Code      | Terminations No | Length (mm) | Insulators No | Code      |
|-----------------|-------------|---------------|-----------|-----------------|-------------|---------------|-----------|
| 6               | 475         | 3             | 66 56 106 | 18              | 1125        | 4             | 66 56 118 |
| 8               | 575         | 3             | 66 56 108 | 20              | 1275        | 5             | 66 56 120 |
| 10              | 725         | 4             | 66 56 110 | 22              | 1375        | 5             | 66 56 122 |
| 12              | 775         | 4             | 66 56 112 | 24              | 1475        | 5             | 66 56 124 |
| 14              | 925         | 4             | 66 56 114 | 26              | 1575        | 5             | 66 56 126 |
| 16              | 1025        | 4             | 66 56 116 | 28              | 1725        | 6             | 66 56 128 |

#### Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-1 "Lightning protection system components (LPSC) – Part 1 : Requirements for connection components".

Test report No **31549** by accredited laboratory as per ISO 17025

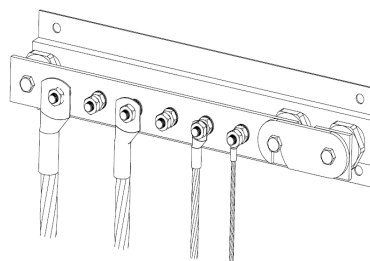
#### Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

#### Country of Origin

Greece

#### Unit: piece / Package: 1 piece



We reserve the right to introduce changes in the component due to technical evolution.