

PRODUCT DATA SHEET

Lightning protection systems

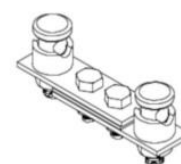
Connection components for LPS conductors

Code: 6245042-71

Description: Bimetallic test clamp, code 6245042-71

Application

Test clamp for solid round or stranded conductors. Used in down conductor system. It can be installed 1,5-2 m above ground level at each down conductor. It is used to facilitate the electrical testing and measurements of Lightning Protection System.



Classification as per IEC EN 62561

- Normal duty (H - 50 kA)
- General use
- Not intended to withstand a static mechanical load
- Non-permanent connection

Technical characteristics - Installation instructions

| | |
|---|---|
| Material of part for Cu conductor | Copper (body), copper alloy (screw terminal). |
| Material of part for St/tZn or Al conductor | Aluminium (body - base of screw terminal). Hot dip galvanized steel (screw terminal). |
| Description | Is consisted of two parts interconnected with two stainless steel screws and nuts. The tightening of the conductor to each part is achieved with a special design screw terminal M10x25 mm and a M10 nut. A stainless steel contact 52x28 mm interposes between the two parts, in order to avoid any electrochemical corrosion. |
| Bolts / nuts | M8x20 mm, V2A stainless steel hexagon head bolts. / M8 & M10 V2A stainless steel nuts. / M10 hot dip galvanized steel nut. |
| Conductor's dimensions | Ø10 mm. |

| | |
|--------------------------------------|------------------------------------|
| Connection arrangements | In-line (B3). |
| Installation | Above ground. |
| Cu part can be connected with | Cu, Cu/eSn, Stainless Steel (SSt). |
| Al-St/tZn part can be connected with | Al, Stainless Steel (SSt), St/tZn. |
| Tightening torque | 13 Nm (M8), 17 Nm (M10). |

Comply with

The component complies with standard IEC EN 62561-1 “Lightning protection system components (LPSC) - Part 1 : Requirements for connection components”.

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece

Unit: piece / Package: 25 pieces

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