PRODUCT DATA SHEET

Lightning protection systems

Equipotential bonding components

Code: 6225442-71
Description: Copper alloy end clamp for 16-35mm2 conductor, code 6225442-71

Application

Clamp, for connecting solid round or stranded conductor to metallic surfaces. Used in air termination system, down conductor system, earthing system.



Classification as per IEC EN 62561

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

Technical characteristics - Installation instructions

Material	Body: Copper (Cu). / Screw terminal: Copper alloy (Cu-A).
Description	Is consisted of a copper body which bonds to the metallic surface, a copper alloy special design screw terminal M10x20 mm and base for the screw terminal which clamps the conductor and a stainless steel M10 nut.
Connection to metallic surface	Through one screw (M10) or two screws (M8 or M10), not included.
Conductor's dimensions	16-35 mm2.
Connection arrangements	Parallel to metal installation (B5). / “T” to metal installation (B6).
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Conductors made from Cu, Cu/eSn, Stainless Steel (SSt), St/eCu & metallic surfaces made from Cu, Stainless Steel (SSt), connection to other metallic surfaces (e.g Al, St/tZn) should be performed through bimetallic contact in order to avoid any electrochemical corrosion.

Can be connected buried in ground with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu.
Can be connected in concrete with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.
Tightening torque	17 Nm.

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: 50 pieces

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