PRODUCT DATA SHEET

Earthing components

Connection components for earth conductors

Substation earthing

Lightning protection systems

Connection components for LPS conductors

Code: 6228116-71
Description: Copper rod to round conductor connector (Ø16mm / Ø8-10mm), code 6228116-71

Application

Clamp, for connecting solid round or stranded conductor to air termination rod, earth lead-in rod, earth rod. Used in air termination system, down conductor system, earthing system.

Classification

- Heavy duty (H – 100 kA) (1)
- General use (1)
- Intended to withstand a static mechanical load (1)
- Non-permanent connection (1)
- Short circuit withstand capability 15 kA rms for 1s

(1) As per IEC EN 62561

Technical characteristics - Installation instructions

Material	Copper (Cu).
Description	Is consisted of two external plates with dimensions 60x60 mm and one intermediate plate.
Bolts / nuts	M8x30 mm, V2A stainless steel hexagon head bolts. / M8 V2A stainless steel nuts.
Conductor's dimensions	Ø8–10 mm (50–70 mm2).
Rod's dimensions	Ø16 mm.
Connection arrangements	Cross (B1). / Parallel (B2).

Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu.
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	13 Nm.

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 **30992** by accredited laboratory as per ISO 17025.
The component has successfully passed short circuit withstand capability tests. Test report No **1405/2022/DKK-17**

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece

Unit: piece / Package: 20 pieces

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