

PRODUCT DATA SHEET

Earthing components

Connection components for earth conductors

Lightning protection systems

Connection components for LPS conductors

Code: 6221610-71

Description: Copper rod to round conductor connector, code 6221610-71

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 as per IEC EN 62561

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

Technical characteristics - Installation instructions

| | |
|------------------------------------|--|
| Material | Copper (Cu) |
| Description | Is consisted of two external plates with dimensions 90x30 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 mm ²). |
| Rod's dimensions | Ø16 mm. |
| Connection arrangements | Cross connection (B1). |
| 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 **30999** by accredited laboratory as per ISO 17025

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.