PRODUCT DATA SHEET

Earthing components

Foundation earthing

Connection components for earth conductors

Lightning protection systems

Connection components for LPS conductors

Code: 6201810-71
Description: St/tZn, Ø8–10mm conductor connection clamp, code 6201810-71

Application

Clamp, for connecting solid round or stranded conductors.
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
- Short circuit withstand capability 12,5 kA rms for 0,5s (not required by IEC EN 62561)

Technical characteristics - Installation instructions

Material	Hot dip galvanized steel (St/tZn)
Description	Is consisted of two external plates with dimensions 50x50 mm and one intermediate plate.
Bolts / nuts	M6x25 mm, V2A stainless steel carriage bolts. / M6 V2A stainless steel nuts.
Conductor's dimensions	Ø8–10 mm (50–70 mm2).
Connection arrangements	Cross connection (B1). / Parallel connection (B2).
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Al, Stainless Steel (SSt), St/tZn.
Can be connected buried in ground with	Stainless Steel (SSt), St/tZn.

Can be connected in concrete with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.
Tightening torque	9 Nm.

Testing

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 reports No 30756, 30757, 30758 & 30759 by accredited laboratory as per ISO 17025.
The component has successfully passed short circuit withstand capability tests. Test report No 153/2018/EMI.

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.