

PRODUCT DATA SHEET

Lightning protection systems

Connection components for LPS conductors

Code: 6208014-71

Description: St/tZn universal connector-clamp, code 6208014-71

Application

Clamp, for connecting solid round or stranded conductors, bonding of metallic structures etc. Used in air termination system, down conductor system, earthing system.



Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- General use
- Not intended to withstand a static mechanical load
- Non-permanent connection

Technical characteristics - Installation instructions

Material	Hot dip galvanized steel (St/tZn)
Description	Is consisted of two plates with dimensions 40x40 mm.
Bolts / nuts	M8x40 mm, St/tZn carriage bolt. / M8 St/tZn nut.
Conductor's dimensions	Ø8-10 mm (50-70 mm ²).
Dimension of metal installation (thickness)	Up to 5 mm.
Connection arrangements	Cross & "T" (B1, B6). / Parallel (B2, B5).
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	17 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 reports No **31248 & 31281** by accredited laboratory as per ISO 17025.

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.