PRODUCT DATA SHEET

Earthing components

Foundation earthing

Substation earthing

Code: 6201040-71

Description: St/tZn round to tape conductor connector, code 6201040-71



Application

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

Classification

According to IEC EN 62561-1

- Heavy duty (H – 100 kA)
- Embedded in concrete
- Intended to withstand a static mechanical load
- Non-permanent connection

For earthing system applications

- Short circuit withstand capability 5 kA rms for 1 s
- Use above ground, buried in ground, embedded in concrete

Technical characteristics - Installation instructions

Material	Hot dip galvanized steel (St/tZn)
Description	Is consisted of two plates with dimensions 70x70 mm.
Bolts / nuts	M8x30 mm, St/tZn hexagon head bolts. / M8 St/tZn nuts.
Conductor's dimensions	Ø8–10 mm (50–70 mm2).
Tape's dimensions	20-40 mm & up to 6 mm thickness.
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	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 **30744** by accredited laboratory as per ISO 17025.
Short circuit withstand capability tests. Test report No **1405/2022/DKK-05**

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece

Unit: piece / Package: 15 pieces

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

90 Tatoiou STR, GR 144 52 Metamorphosis +30 210 2845400 www.elemko.gr elemko@elemko.gr