PRODUCT DATA SHEET

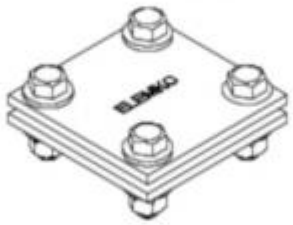
Earthing components

Substation earthing

Code: 6224401-71
Description: Copper connector for substation grounding (IEEE 837), for tape connection, code 6224401-71

Application

Clamp, for connecting tape conductors. Used in substation grounding.



Classification as per IEEE 837

- Electromagnetic force withstand:
  Asymmetrical current 160 kA fisrt peak, 67 kArms @ 150ms
- Fault current withstand: 9,7 kA @ 10s
- Corrosion withstand: 500h of continuous salt spray

Technical characteristics - Installation instructions

Material	Copper (Cu)
Description	It is consisted of two plates with dimensions 70x70 mm.
Bolts / nuts	M8x30 mm, V2A stainless steel hexagon head bolts. M8 V2A stainless steel nuts, washers & spring lock washers.
Tape's dimensions	20 – 40 mm & up to 6 mm thickness.
Connection arrangements	Cross. / Parallel.
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Cu, Cu/eSn, Stainless Steel (SSt).
Can be connected buried in ground with	Cu, Cu/eSn, Stainless Steel (SSt).
Can be connected in concrete with	Cu, Cu/eSn, Stainless Steel (SSt), St/tZn.
Tightening torque	20 Nm.

Testing as per IEEE 837

The component has successfully passed the testing requirements of standard IEEE std 837: “IEEE standard for qualifying permanent connections used in substation grounding”.
Test report No **32153** by accredited laboratory as per ISO 17025

ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece

Unit: piece

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