PRODUCT DATA SHEET

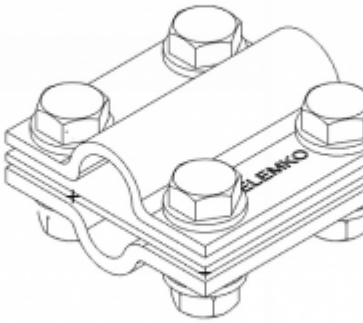
Earthing components

Substation earthing

Code: 6221317-71
Description: Copper connector for substation grounding (IEEE 837), Ø12–14mm/Ø16–17mm , code 6221317-71

Application

Clamp, for connecting solid round rods or stranded conductors. Used in substation grounding.



Classification as per IEEE 837

- Electromagnetic force withstand: Asymmetrical current 108 kA fisrt peak, 52 kArms @ 135ms
- Fault current withstand: 7,8 kA @ 10s
- Corrosion withstand: 500h of continuous salt spray

Technical characteristics - Installation instructions

Material	Copper (Cu)
Description	It is consisted of two external plates with dimensions 60x60 mm and one intermediate plate.
Bolts / nuts	M8x30 mm, V2A stainless steel hexagon head bolts. M8 V2A stainless steel nuts, washers & spring lock washers.
Conductor's / rod's dimensions	Ø12–14 mm (95–120 mm2) / Ø16–17 mm.
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), 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	30 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 **32166** 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.

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