

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

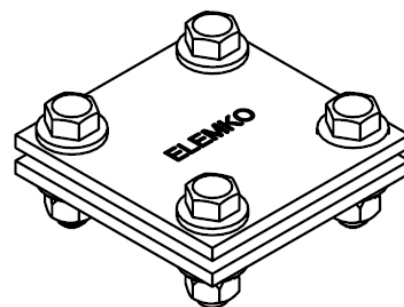
Code: 62 24 401
Description: Tape conductor connector
ed.08/2024

Application

Clamp for connecting tape conductors. Used in substation grounding.

Classification as per IEEE 837:2014

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



Technical characteristics

Material	Copper (Cu)
Description	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 and spring lock washers

Installation instructions

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

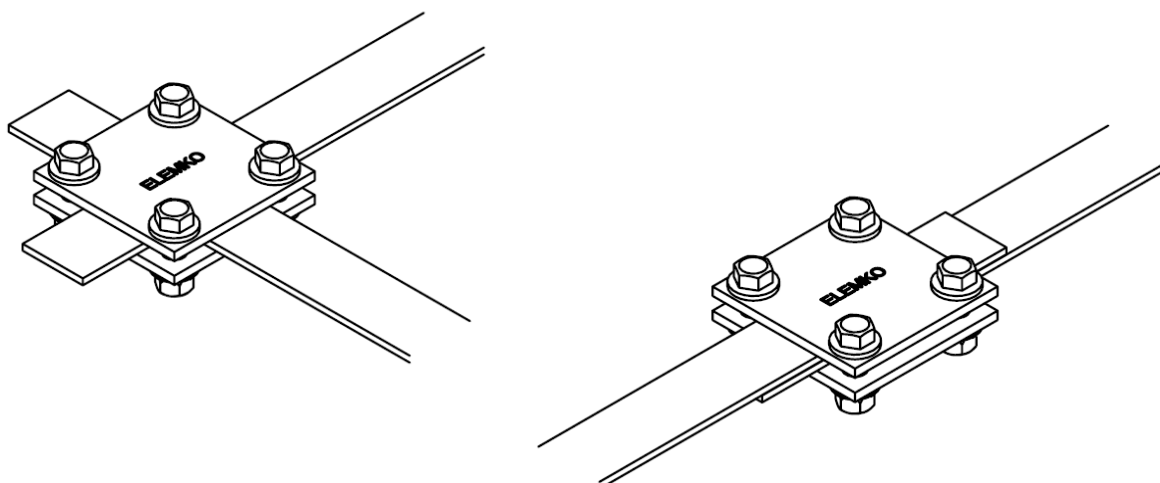
Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Unit: piece



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