

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

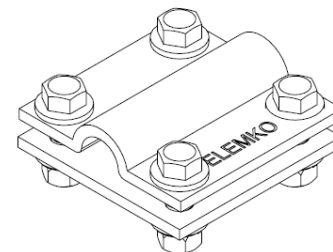
Code: 62 24 417
ed.08/2024
Description: Rod to tape conductor connector

Application

Clamp, for connecting round rod to tape conductor. Used in substation grounding.

Classification as per IEEE 837:2014

- Electromagnetic force withstand:
Asymmetrical current 106 kA first peak, 45 kArms @ 150ms
- Fault current withstand: 7,8 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

Rod's dimensions	Ø16–17 mm
Tape's dimensions	20 – 40 mm & up to 5 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), 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	20 Nm

Testing as per IEEE 837

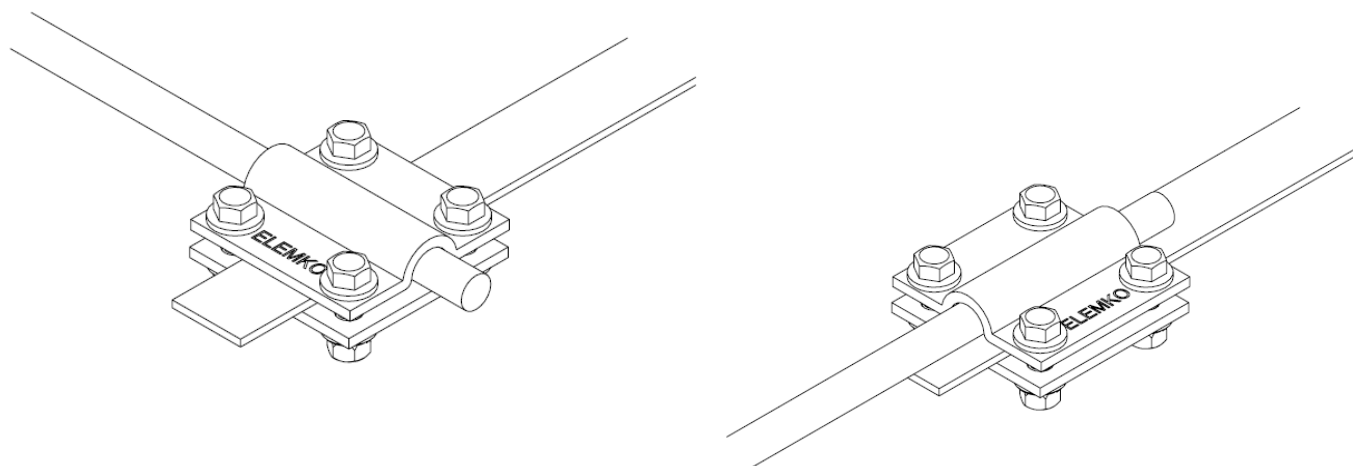
The component has successfully passed the testing requirements of standard IEEE std 837: "IEEE standard for qualifying permanent connections used in substation grounding".
Test report No **32165** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Unit: piece / Package: 20 pieces


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