

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

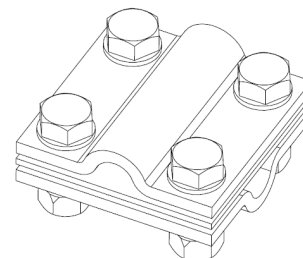
Code: 62 22 312
Description: Conductor connection clamp
ed.09/2024

Application

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

Classification as per IEEE 837

- Electromagnetic force withstand:
Asymmetrical current 130 kA first peak, 55 kArms @ 160ms
- Fault current withstand: 9 kA @ 10s
- Corrosion withstand: 500h of continuous salt spray



Technical characteristics

Material	Copper (Cu)
Description	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

Installation instructions

Rod's / conductor's dimensions	Ø12–14 mm rod (95–120 mm ² stranded conductor)
Connection arrangements	Cross Parallel
Installation	Above ground, buried in ground, embedded in concrete
Can be connected above ground with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu
Can be connected buried in ground with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu
Can be connected in concrete with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn
Tightening torque	30 Nm

Testing

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 **32167** and No **32195** by accredited laboratory as per ISO 17025

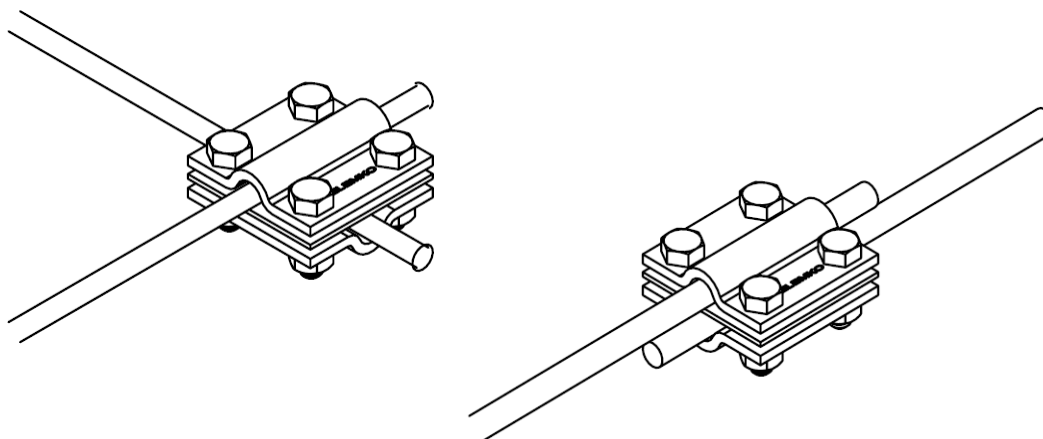
Manufacturing Quality Control

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.