PRODUCT DATA SHEET

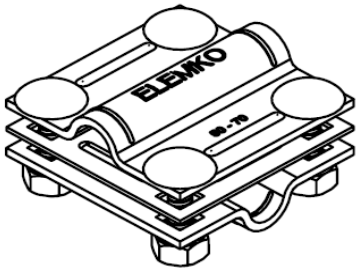
LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 62 21 810 (copper clamp) / 62 21 811 (tin plated copper clamp)

Description: Conductor connection clamp ed.05/2023

Application

Clamp, for connecting solid round or stranded conductors. Used in air termination system, down conductor system, earthing system.



Classification

- Heavy duty (H – 100 kA) (1)
- General use (1)
- Intended to withstand a static mechanical load (1)
- Non-permanent connection (1)
- Short circuit withstand capability 15 kA rms for 1s

(1) As per IEC EN 62561

Technical characteristics

Material	Copper (Cu) and/or tin plated copper (Cu/eSn)
Description	Is consisted of two external plates with dimensions 50x50 mm and one intermediate plate.
Bolts / nuts	M6x25 mm, V2A stainless steel carriage bolts M6 V2A stainless steel nuts

Installation instructions

Conductor's dimensions	Ø8–10 mm (50–70 mm^2)
Connection arrangements	Cross (B1) Parallel (B2)
Installation	Above ground, buried in ground, embedded in concrete
Can be connected above ground with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn*
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	9 Nm

Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-1 “Lightning protection system components (LPSC) – Part 1 : Requirements for connection components”.
Test report No **30749** by accredited laboratory as per ISO 17025
The component has successfully passed short circuit withstand capability tests.
Test report No **1405/2022/DKK-16**

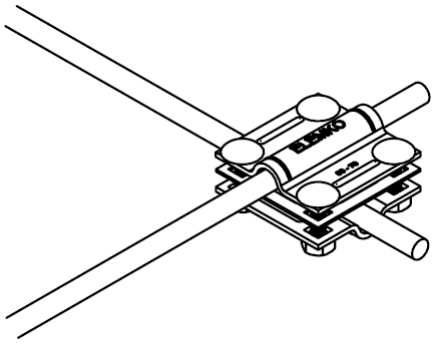
Manufacturing Quality Control

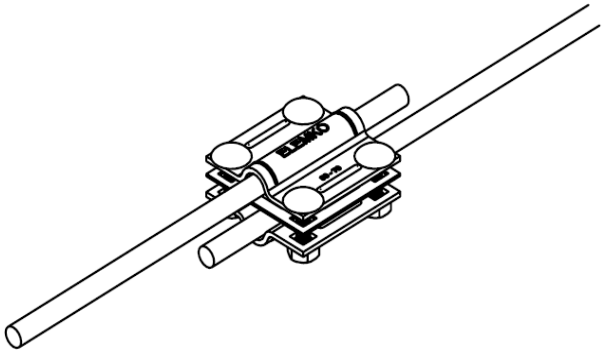
Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Unit: piece / Package: 25 pieces





*Only for tin plated copper clamp

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

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