

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 62 61 810
Description: Stainless steel 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	Stainless steel (SSt grade V2A)
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	Al, Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn
Can be connected buried in ground with	Cu, Cu/eSn, Stainless Steel, St/eCu, St/tZn (St/tZn not simultaneously with Cu & St/eCu)
Can be connected in concrete with	Cu, Cu/eSn, Stainless Steel (SSt), 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 **30753, 30913 & 31096** by accredited laboratory as per ISO 17025

The component has successfully passed short circuit withstand capability tests.

Test report No **1405/2022/DKK-18R01**

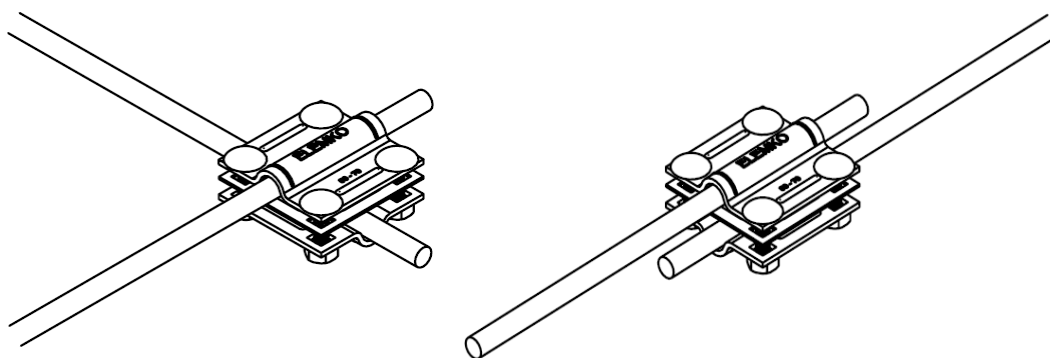
Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Unit: piece / Package: 25 pieces



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