

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code: 62 01 830**

**Description: St/tZn conductor connection clamp**

ed.02/2021

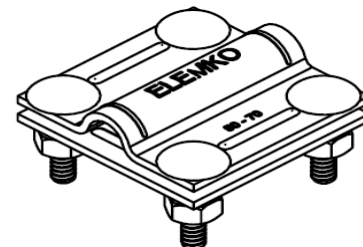
#### Application

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

#### Classification

- Heavy duty (H – 100 kA) <sup>(1)</sup>
- General use <sup>(1)</sup>
- Intended to withstand a static mechanical load <sup>(1)</sup>
- Non-permanent connection <sup>(1)</sup>
- Short circuit withstand capability 10 kA rms for 0,5s

<sup>(1)</sup> As per IEC EN 62561



#### Technical characteristics

Material	Hot dip galvanized steel (St/tZn)
Description	Is consisted of two plates with dimensions 50x50 mm.
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 <sup>2</sup> )
Tape's dimensions	Up to 30 mm width and 5 mm thickness
Connection arrangements	Cross (B1) Parallel (B2)
Installation	Above ground, buried in ground, embedded in concrete
Can be connected above ground with	Al, SSt (Stainless Steel), St/tZn
Can be connected buried in ground with	SSt (Stainless Steel), St/tZn
Can be connected in concrete with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn
Tightening torque	9 Nm

#### Testing

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 **30763** by accredited laboratory as per ISO 17025

The component has successfully passed short circuit withstand capability tests.

Test report No **153/2018/EMI**

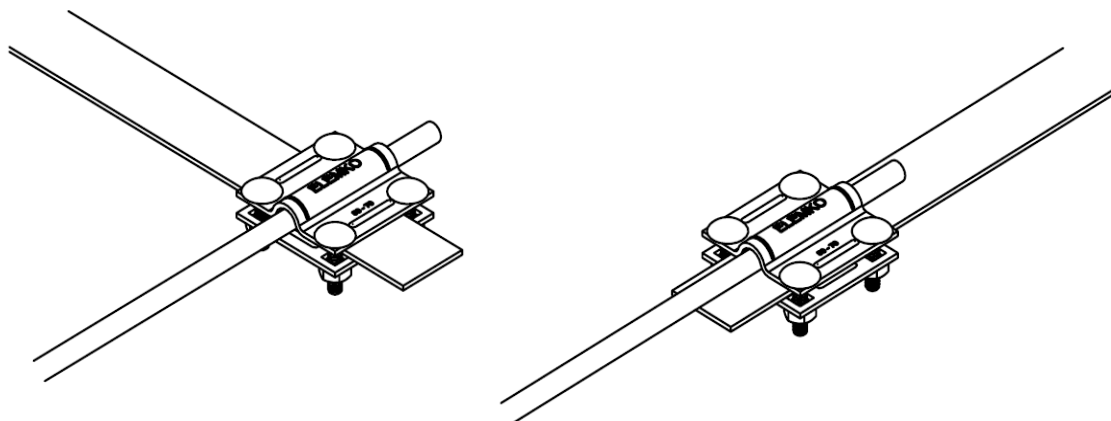
#### Manufacturing Quality Control

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.