

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 62 01 005

ed.01/2021

Description: St/tZn bonding clamp

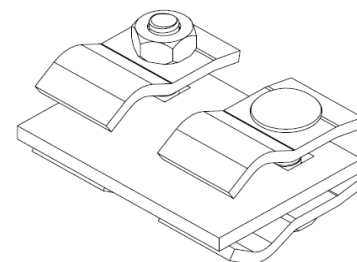
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Application

Clamp for electrical connection of “I” beam to round, stranded or tape conductor. Used in air termination system, down conductor system, earthing system.

Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- General use
- Intended to withstand a static mechanical load
- Non-permanent connection



Technical characteristics

Material	Hot dip galvanized steel (St/tZn)
Description	Is consisted of a plate with dimensions 80x60 mm and four “jaws” for the conductor / “I” beam clamping.
Bolts / nuts	M10x40 mm, hot dip galvanized steel carriage bolts M10 hot dip galvanized steel nuts

Installation instructions

Conductor's dimensions	Ø8–10 mm (50–70 mm ²)
Tape's dimensions	Up to 40 mm width & up to 5 mm thickness
Dimensions of “I” beam	Up to 18 mm thickness
Arrangement	Parallel connection (B2)
Installation	Above ground, buried in ground, embedded in concrete
Can be connected above ground with	Al, SSt (Stainless Steel), St, 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, St/eCu, St/tZn
Tightening torque	17 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 **31061** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Unit: piece / Package: 50 pieces

See following application of the clamp.

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

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