

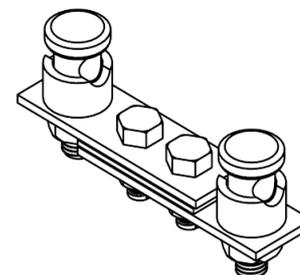
## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code: 62 45 042**
**ed.07/2025**
**Description: Bimetallic test clamp**
**Page 1 of 2**

#### Application

Test clamp for solid round or stranded conductors. Used in down conductor system. It can be installed 1,5–2 m above ground level at each down conductor. It is used to facilitate the electrical testing and measurements of Lightning Protection System.



#### Classification as per IEC EN 62561

- Normal duty (N – 50 kA)
- General use
- Not intended to withstand a static mechanical load
- Non-permanent connection

#### Technical characteristics

Material of part for Cu conductor	Copper (body), copper alloy (screw terminal)
Material of part for St/tZn or Al conductor	Aluminium (body – base of screw terminal) Hot dip galvanized steel (screw terminal)
Description	Is consisted of two parts interconnected with two stainless steel screws and nuts. The tightening of the conductor to each part is achieved with a special design screw terminal M10x20 mm and a M10 nut. A stainless steel contact 52x28 mm interposes between the two parts, in order to avoid any electrochemical corrosion.
Bolts / nuts	M8x20 mm, V2A stainless steel hexagon head bolts, M8 V2A stainless steel nut, M10 V2A stainless steel nut, M10 hot dip galvanized steel nut.

#### Installation instructions

Conductor's dimensions	Ø8 mm (50 mm <sup>2</sup> ) Cu conductor Ø10 mm (70 mm <sup>2</sup> ) St/tZn or Al conductor
Connection arrangement	In-line (B3)
Installation	Above ground
Can be connected with (Cu, Cu-A part)	Cu, Cu/eSn, SSt (Stainless Steel)
Can be connected with (Al, St/tZn part)	Al, SSt (Stainless Steel), St/tZn
Tightening torque	13 Nm (M8), 17 Nm (M10)

#### Comply with

The component complies with standard IEC EN 62561-1 "Lightning protection system components (LPSC) – Part 1 : Requirements for connection components".

#### Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

#### Country of Origin

Greece

#### Unit: piece / Package: 25 pieces

See following applications of the clamp.

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

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Page 2 of 2

