

# PRODUCT DATA SHEET

## Lightning protection systems

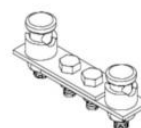
### Connection components for LPS conductors

**Code: 6225040-71**

**Description: Copper alloy test clamp for Ø8mm conductors, code 6225040-71**

#### 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

- Heavy duty (H – 100 kA)
- General use
- Not intended to withstand a static mechanical load
- Non-permanent connection

#### Technical characteristics - Installation instructions

Material	Body: Copper (Cu). / Screw terminal: Copper alloy (Cu-A).
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.
Bolts / nuts	M8x20 mm, V2A stainless steel hexagon head bolts. / M8 & M10 V2A stainless steel nuts.
Conductor's dimensions	Ø8 mm (50 mm <sup>2</sup> ).
Connection arrangements	In-line (B3).
Installation	Above ground.
Can be connected with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu.

Tightening torque	13 Nm (M8), 17 Nm (M10).
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### 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 reports No **31006** by accredited laboratory as per ISO 17025.

### ELEMKO management systems

• ISO 9001	• ISO 14001	• ISO 45001
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### Country of Origin

Greece

### Unit: piece / Package: 25 pieces

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