

PRODUCT DATA SHEET

Lightning protection systems

Connection components for LPS conductors

Code: 6245040-71

Description: Al - St/tZn test clamp, code 6245040-71

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

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

Technical characteristics - Installation instructions

Material	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.
Bolts / nuts	M8x20 mm, V2A stainless steel hexagon head bolts. / M8 V2A stainless steel nut. / M10 hot dip galvanized steel nut.
Conductor's dimensions	Ø10 mm.
Connection arrangements	In-line (B3).
Installation	Above ground.
Can be connected with	Al, Stainless Steel (SSt), St/tZn.

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 **31280** 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.