PRODUCT DATA SHEET

Lightning protection systems

Fasteners for lightning protection conductors

Code: 6104024-71
Description: Ø8–10 mm St/tZn fastener on pipes or rounded ends, code: 6104024

Application

Fastening round or stranded conductor used in air termination system, down conductor system. Suitable for roofs with round horizontal seam, pipes or rounded ends.



Classification as per IEC EN 62561

- Metallic.
- With screws.
- Designed to clamp but allow axial movement of the conductor.

Technical characteristics -- Installation instructions

Material	Clamp for pipe or rounded end: Aluminium alloy. Conductor fastener: Hot dip galvanized steel.
Screws	M6x16 mm, V2A stainless steel screws. M6x25 mm, V2A stainless steel carriage bolt, nut & washer.
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N. Axial load, 50 N.
Conductor's dimensions	Ø8–10 mm (50–70 mm2).
Compatibility with conductors made of	Al, SSt (Stainless Steel), St/tZn.
Tightening torque of conductor	3,5Nm.
Diameter of pipe or rounded end	Ø12–24 mm
Spacing between fasteners of air termination conductors	≤1000 mm for solid conductor1). ≤500 mm for stranded conductor1).
Spacing between fasteners of down conductors	≤1000 mm for solid conductor. ≤1000 mm for stranded conductor used for heights ≤20 m. ≤500 mm for stranded conductor for heights ≥20 m.

Before and after of change of direction or clamp or contraction-expansion absorbing component.	≤300 mm.

Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-4 “Lightning protection system components (LPSC) – Part 4 : Requirements for conductor fasteners”. Test report No **31985** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according to standard ISO 9001

Country of Origin

Greece

Unit: piece / Package: 25 pieces