PRODUCT DATA SHEET

Lightning protection systems

Fasteners for lightning protection conductors

Code: 6171100-71
Description: Polyamid fastener for Ø8mm conductor, code 6171100-71

Application

Fastening round or stranded conductor. Used in air termination system, down conductor system. Suitable for brick or concrete surfaces.



Classification as per IEC EN 62561

- Non metallic.
- Without screws.
- Designed to clamp but allow axial movement of the conductor.

Technical characteristics - Installation instructions

Material	Polyamid material (PI) UV and weather resistant
Screw	One electroplated zinc steel wood fixing screw
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N
Conductor's dimensions	Ø8mm (50mm2)
Compatibility with conductors made of	Al, Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn
Conductor's fixing	Clipping without using any tool
Fixing on brick or concrete	Through the wood fixing screw and the PVC wall plug Ø8 mm included
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.

Comply with

The component complies with standard IEC EN 62561-4 “Lightning protection system components (LPSC) – Part 4 : Requirements for conductor fasteners”.

Manufacturing Quality Control

- ISO 9001
- ISO 14001
- ISO 45001

Country of Origin

Greece

Unit: piece / Package: 500 pieces

1) Where additional mechanical strength is required, e.g snow, strong winds etc, the spacing between the fasteners should be ≤300 mm.

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

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