PRODUCT DATA SHEET

Lightning protection systems

Fasteners for lightning protection conductors

Code: 6121106-71
Description: Ø6 mm conductor fastener, code: 6121106

Classification as per IEC EN 62561

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



Technical characteristics - Installation instructions

Material	Copper (Cu)
Screws	M6x16 mm, V2A stainless steel screws. One stainless steel wood fixing screw.
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N. Axial load, 50 N.
Conductor's dimensions	Ø6 mm (25–35 mm2)
Compatibility with conductors made of	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu
Tightening torque of conductor	3,5 Nm
Fixing on brick or concrete wall	Through a wood fixing screw (included) and a PVC wall plug Ø8 mm (not 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.

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 **31143** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Optional accessories2

PVC sealing washer, ELEMKO code 61 03 201