PRODUCT DATA SHEET

Lightning protection systems

Fasteners for lightning protection conductors

Code: 6101106-71

Description: Ø6 mm St/tZn conductor fastener, code: 6101106

Classification as per IEC EN 62561

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



Technical characteristics - Installation instructions

Material	Hot dip galvanized steel (St/tZn).
Screws	M6x14 mm, V2A stainless steel screws. One electroplated zinc 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	Al, SSt (Stainless Steel), St/tZn
Tightening torque of conductor	3,5 Nm
Fixing on brick or concrete	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.

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

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Optional accessories2)

PVC sealing washer, ELEMKO code 6103201