PRODUCT DATA SHEET

Lightning protection systems

Fasteners for lightning protection conductors

Code: 6101240-71
Description: St/tZn tape fastener, code 6101240

Application

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



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	M6x16 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	Up to 40x6 mm.
Compatibility with conductors made of	Al, SSt (Stainless Steel), St/tZn.
Tightening torque of conductor	3,5Nm.
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	≤500 mm1).
Spacing between fasteners of down conductors	≤1000 mm for heights ≤20 m. ≤500 mm 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 **31111** 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 6103201

Unit: piece / Package: 50 pieces