PRODUCT DATA SHEET

Lightning protection systems

Fasteners for lightning protection conductors

Code: 6102108-71
Description: Ø8–10 mm St/tZn conductor fastener, code: 6102108

Application

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



Classification as per IEC EN 62561

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

Technical characteristics - Installation instructions

Material	Fastener: Hot dip galvanized steel (St/tZn). Spacer: Aluminium.
Screws	M6x16 mm, V2A stainless steel screws
Spacer's height	20 mm
Spacer's inner thread	M8
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
Fixing on brick or concrete	Through a head threaded drive pin (not included) and a PVC wall plug (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 **31110** 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: 50 pieces