PRODUCT DATA SHEET

Lightning protection systems

Fasteners for lightning protection conductors

Code: 6121115-71
Description: Ø12–14 mm conductor fastener, code: 6121115 (tin plated copper fastener)



Application

Fastening round rod or stranded 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	Copper (Cu) and/or tin plated copper (Cu/eSn)
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
Rod dimensions	Ø12–14 mm.
Stranded conductor dimensions	95–120 mm2.
Compatibility with conductors made of	Cu, Cu/eSn, SSt (Stainless Steel).
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).
Αποστάσεις μεταξύ στηριγμάτων σε αγωγούς καθόδου	≤1000 mm για ράβδο. ≤1000 mm για πολύκλωνο αγωγό και για ύψη ≤20 m. ≤500 mm για πολύκλωνο αγωγό και για ύψη ≥20 m.
Spacing between fasteners of air termination conductors / rods	≤1000 mm for rod1). ≤500 mm for stranded conductor1).

Spacing between fasteners of down conductors / earth lead-in rods	≤1000 mm for rod. ≤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 **31292** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

Country of Origin

Greece

Optional accessories

PVC sealing washer, ELEMKO code 6103201

Unit: piece / Package: 50 pieces