

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code: 61 30 035**
**ed.02/2021**
**Description: Copper alloy fastener for conductor 16 – 35 mm<sup>2</sup>**
**Page 1 of 2**

#### Application

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



#### Classification as per IEC EN 62561

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

#### Technical characteristics

Material	Copper alloy (Cu-A)
Conductor clamping screw	M12, V2A stainless steel hex socket set screw
Bottom thread	M8
Diameter	20 mm
Withstands (according to IEC EN 62561-4)	Lateral load, 200 N Axial load, 50 N

#### Installation instructions

Conductor's dimensions	16–35 mm <sup>2</sup>
Compatibility with conductors made of	Cu, Cu/eSn, SSt (Stainless Steel)
Tightening torque of conductor	5 Nm
Fixing on brick or concrete wall	Through a head threaded drive pin or wood screw (not included) and a PVC wall plug (not included)
Fixing on metallic surface	Through M8 screw
Spacing between fasteners of air termination conductors	≤1000 mm for solid conductor <sup>1)</sup> . ≤500 mm for stranded conductor <sup>1)</sup> .
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 **31113** 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: 200 pieces

See following typical application of the fastener.

<sup>1)</sup>Where additional mechanical strength is required, e.g snow, strong winds etc, the spacing between the fasteners should be ≤300 mm.

We reserve the right to introduce changes in the component due to technical evolution.

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Page 2 of 2

