

# PRODUCT DATA SHEET

## Lightning protection systems

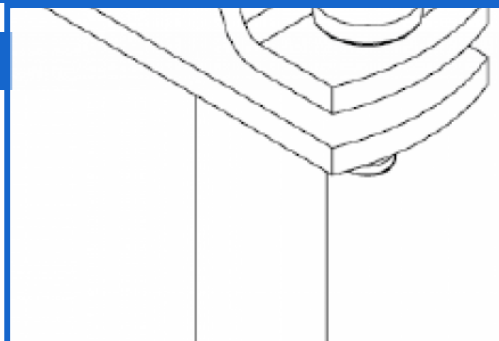
### Fasteners for lightning protection conductors

**Code: 6102156-71**

**Description: Ø8-10 mm St/tZn conductor fastener, code: 6102156**

#### 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   | 50 mm.  |
| Spacer's inner thread                                   | M6.   |
| Withstands (according to IEC EN 62561-4)                | Lateral load, 200 N. Axial load, 50 N.  |
| Conductor's dimensions                                  | Ø8-10 mm (50-70 mm <sup>2</sup> ).  |
| 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 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<br>or clamp or contraction-expansion<br>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 **31617** 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**