

# PRODUCT DATA SHEET

## Lightning protection systems

### Auxiliary components of Lightning Protection System

**Code: 6424102-71**

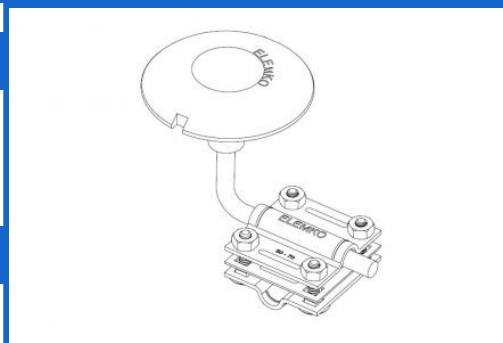
**Description: Air terminal stike pad, code 6424102-71**

#### Application

Air terminal strike pad intended for applications in lightning protection systems (LPS) as air terminal at roofs accessible to public.

#### Classification as per IEC EN 62561

- Heavy duty (H - 100 kA)
- Embedded in concrete
- Not intended to withstand a static mechanical load
- Non-permanent connection



#### Technical characteristics

|                                   |                                                                                                                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                          | Air terminal strike pad: Copper alloy (Cu-A). Clamp: Copper.                                                                                                                            |
| Description                       | Is consisted of a 80 mm diameter air terminal strike pad connected through a 60 mm rod to a clamp consisted of two external plates with dimensions 50x50 mm and one intermediate plate. |
| Bolts / nuts                      | M6x25 mm, V2A stainless steel carriage bolts, M6 V2A stainless steel nuts.                                                                                                              |
| Conductor's dimensions            | Ø8-10 mm (50-70 mm <sup>2</sup> ).                                                                                                                                                      |
| Connection arrangements           | Cross (B1). / Parallel (B2).                                                                                                                                                            |
| Installation                      | Embedded in concrete.                                                                                                                                                                   |
| Can be connected in concrete with | Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn.                                                                                                                                      |
| Tightening torque                 | 9 Nm.                                                                                                                                                                                   |

#### Testing as per IEC EN 62561

The component has successfully passed the testing requirements of standard IEC EN 62561-1 "Lightning protection system components (LPSC) – Part 1 : Requirements for connection

components”.

Test report No **31087** by accredited laboratory as per ISO 17025

### **Manufacturing Quality Control**

- ISO 9001
- ISO 14001
- OHSAS 18001

### **Country of Origin**

Greece

### **Unit: piece / Package: 25 pieces**

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