

# PRODUCT DATA SHEET

## Lightning protection systems

### Connection components for LPS conductors

**Code: 6225142-71**

**Description: Tin plated copper alloy single bonding clamp for Ø8mm conductor, code 6225142-71**

#### Application

The clamp can be used for connections of solid round or stranded conductor to contraction – expansion absorbing component, pipe clamp, end clamp.



#### Classification as per IEC EN 62561

- Heavy duty (H - 100 kA)
- General use
- Not intended to withstand a static mechanical load
- Non-permanent connection

#### Technical characteristics - Installation instructions

|                                        |                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------|
| Material                               | Tin plated copper alloy (Cu-A/eSn).                                                  |
| Description                            | Is consisted of a special designed screw terminal M10x20 mm, a base and one M10 nut. |
| Conductor's dimensions                 | Ø8 mm (50 mm <sup>2</sup> ).                                                         |
| Connection arrangements                | Parallel (B2). / "T" (B4).                                                           |
| Installation                           | Above ground, buried in ground, embedded in concrete.                                |
| Can be connected above ground with     | Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn.                                   |
| Can be connected buried in ground with | Cu, Cu/eSn, SSt (Stainless Steel), St/eCu.                                           |
| Can be connected in concrete with      | Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn.                                   |
| Tightening torque                      | 17 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 **31005-II** by accredited laboratory as per ISO 17025.

### **ELEMKO management systems**

- ISO 9001
- ISO 14001
- ISO 45001

### **Country of Origin**

Greece

### **Unit: piece / Package: 100 pieces**

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