

# PRODUCT DATA SHEET

## Earthing components

### Foundation earthing

### Lightning protection systems

### Connection components for LPS conductors

**Code: 6208030-71**

**Description: St/tZn round or stranded to tape conductor connector, code: 6208030**

#### Application

Clamp for connecting solid round or stranded conductor to tape conductor. Used in air termination system, down conductor system, earthing system.



#### Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- Embedded in concrete
- Intended to withstand a static mechanical load
- Non-permanent connection

#### Technical characteristics - Installation instructions

|                         |  |
|-------------------------|--|
| Material                | Hot dip galvanized steel (St/tZn)                    |
| Description             | Is consisted of two plates with dimensions 60x60 mm. |
| Bolts / nuts            | M8x25 mm, St/tZn hexagon head bolts. M8 St/tZn nuts. |
| Conductor's dimensions  | Ø8-10 mm (50-70 mm <sup>2</sup> ).                   |
| Tape's dimensions       | 20-30 mm & up to 6 mm thickness.                     |
| Connection arrangements | Cross (B1). Parallel (B2).                           |
| Installation            | Embedded in concrete.                                |
| Can be connected with   | Cu, Cu/eSn, Stainless Steel (SSt), St/tZn            |
| Tightening torque       | 13 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 **30681** by accredited laboratory as per ISO 17025

### **Manufacturing Quality Control**

Manufacturing quality control according standard ISO 9001

### **Country of Origin**

Greece

**Unit: piece / Package: 20 pieces**