# PRODUCT DATA SHEET

## Earthing components

## Connection components for earth conductors

## Lightning protection systems

## Connection components for LPS conductors

**Code: 6261810-71**
**Description: Stainless steel connection clamp for Ø8–10mm conductors, code 6261810-71**

### Application

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



### Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- General use
- Intended to withstand a static mechanical load
- Non-permanent connection

### Technical characteristics

| | |
|---|---|
| Material | Stainless steel (SSt grade V2A). |
| Description | Is 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 mm2). |
| Connection arrangements | Cross (B1). / Parallel (B2). |
| Installation | Above ground, buried in ground, embedded in concrete. |
| Can be connected above ground with | Al, Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn. |
| Can be connected buried in ground with | Cu, Cu/eSn, Stainless Steel, St/eCu, St/tZn (St/tZn not simultaneously with Cu, St/eCu). |

| | |
|---|---|
| Can be connected in concrete with | Cu, Cu/eSn, Stainless Steel (SSt), 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 reports No **30753, 30913 & 31096** by accredited laboratory as per ISO 17025

## Manufacturing Quality Control

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece

## Unit: piece / Package: 25 pieces

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

90 Tatoiou STR, GR 144 52 Metamorphosis ☎ +30 210 2845400 www.elemko.gr elemko@elemko.gr