# PRODUCT DATA SHEET

## Earthing components

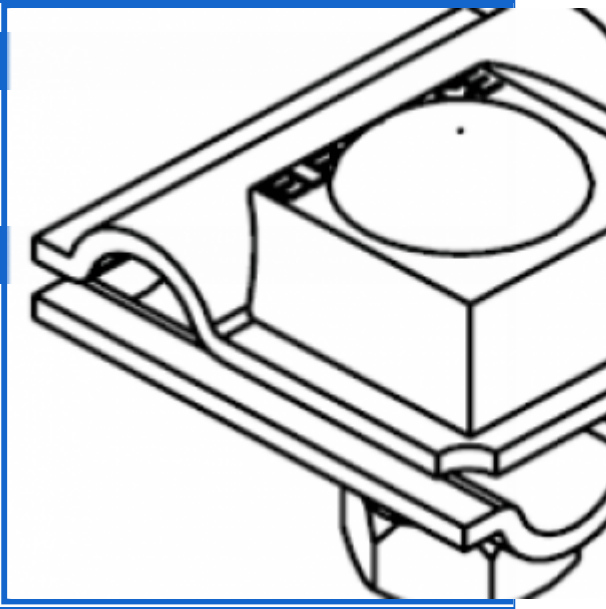
## Connection components for earth conductors

## Lightning protection systems

## Connection components for LPS conductors

**Code: 6268014-71**

**Description: Stainless steel universal connector – clamp, code: 6268014**



### Application

Clamp, for connecting solid round or stranded conductors, bonding of metallic structures etc. 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 -- Installation instructions

| | |
|---|---|
| Material | Stainless steel (SSt grade V2A) |
| Description | Is consisted of two plates with dimensions 40x40 mm. |
| Bolts / nuts | M8x40 mm, V2A stainless steel carriage bolt. M8 V2A stainless steel nut. |
| Conductor's dimensions | Ø8–10 mm (50–70 mm2). |
| Dimension of metal installation (thickness) | Up to 5 mm. |
| 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. (Al & St/tZn not simultaneously with Cu & St/eCu). |
| Can be connected buried in ground with | Cu, Cu/eSn, Stainless Steel, St/eCu, St/tZn. (St/tZn not simultaneously with Cu, Cu/eSn, St/eCu). |

| | |
|---|---|
| Can be connected in concrete with | Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn |
| Tightening torque | 19 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 **31837 & 31838** 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: 25 pieces