

# PRODUCT DATA SHEET

## Earthing components

### Connection components for earth conductors

### Lightning protection systems

### Connection components for LPS conductors

**Code: 6261831-71**

**Description: Stainless steel round to tape conductor connector (Ø8-10mm/30mm) with intermediate plate, code 6261831-71**

#### 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)
- 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 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> ).
Tape's dimensions	Up to 30 mm width and 5 mm thickness.
Connection arrangements	Cross connection (B1). / Parallel connection (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).
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Can be connected in concrete with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.
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Tightening torque	9 Nm.
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### 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 **30912, 31097 & 31159-III** by accredited laboratory as per ISO 17025.

### ELEMKO management systems

• ISO 9001	• ISO 14001	• ISO 45001
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### Country of Origin

Greece

### Unit: piece / Package: 25 pieces

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