

# PRODUCT DATA SHEET

## Earthing components

## Foundation earthing

## Connection components for earth conductors

## Lightning protection systems

## Connection components for LPS conductors

**Code: 6201833-71**

**Description: St/tZn, tape conductor (30mm/30mm) connection clamp, code 6201833-71**

### Application

Clamp, for connecting tape 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
- Short circuit withstand capability 12,5 kA rms for 1s (not required by IEC EN 62561)



### Technical characteristics - Installation instructions

Material	Hot dip galvanized steel (St/tZn)
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.
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, Stainless Steel (SSt), St/tZn.

Can be connected buried in ground with

Stainless Steel (SSt), St/tZn.

Can be connected in concrete with Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn.

Tightening torque

9 Nm.

## Testing

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 30762 by accredited laboratory as per ISO 17025.

The component has successfully passed short circuit withstand capability tests. Test report No 153/2018/EMI.

## ELEMKO management systems

• 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.