

# PRODUCT DATA SHEET

## Earthing components

### Connection components for earth conductors

### Lightning protection systems

### Connection components for LPS conductors

**Code: 6221818-71**

**Description: Round or stranded conductor connector, code: 6221818**

#### 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 -- Installation instructions

Material	Copper (Cu)
Description	Is consisted of two external plates with dimensions 60x60 mm and one intermediate plate.
Bolts / nuts	M8x30 mm, V2A stainless steel hexagon head bolts. M8 V2A stainless steel nuts.
Conductor's dimensions	Ø8-10 mm (50-70 mm <sup>2</sup> )
Connection arrangements	Cross (B1). Parallel (B2).
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu
Can be connected buried in ground with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu
Can be connected in concrete with	Cu, Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn

Tightening torque	13 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 report No **30262** 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: 20 pieces**