PRODUCT DATA SHEET

Earthing components

Connection components for earth conductors

Lightning protection systems

Connection components for LPS conductors

Code: 6221836-71
Description: Copper connection clamp for 16–35mm2 conductors, code 6221836-71

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	Copper (Cu).
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	16–35 mm2.
Connection arrangements	Cross (B1). / Parallel (B2).
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu.
Can be connected buried in ground with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu.

Can be connected in concrete with	Cu, Cu/eSn, SSt (Stainless Steel), 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 report No **30748** by accredited laboratory as per ISO 17025

Manufacturing Quality Control

- ISO 9001
- ISO 14001
- OHSAS 18001

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