

PRODUCT DATA SHEET

Earthing components

Connection components for earth conductors Substation earthing

Code: 6224060-71

Description: Copper tape (60mm/60mm) clamp, code 6224060-71

Application

Clamp, for connecting tape conductors. Used in air termination system, down conductor system, earthing system.

Classification

- Heavy duty (H 100 kA) (1)
- General use (1)
- Intended to withstand a static mechanical load (1)
- Non-permanent connection (1)
- Short circuit withstand capability 20 kA rms for 1s
 (1) As per IEC EN 62561

Technical characteristics - Installation instructions

Material	Copper (Cu)
Description	Is consisted of two external plates with dimensions 90x30 mm and one intermediate plate.
Bolts / nuts	M8x30 mm, V2A stainless steel hexagon head bolts. / M8 V2A stainless steel nuts.
Tape's dimensions	Up to 60 mm width and 6 mm thickness.
Connection arrangements	Cross (B1), up to 40 mm width. / Parallel (B2), up to 60 mm width.
Installation	Above ground, buried in ground, embedded in concrete.
Can be connected above ground with	Cu, Cu/eSn, Stainless Steel (SSt).
Can be connected buried in ground with	Cu, Cu/eSn, Stainless Steel (SSt).



Can be connected in concrete with	n Cu, Cu/eSn, Stainless Steel (SSt), St/tZn.	
Tightening torque	13 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 30777 by accredited laboratory as per ISO 17025. The component has successfully passed short circuit withstand capability tests.Test report No 1405/2022/DKK-10		
ELEMKO management systems		
• ISO 9001 • ISO	• 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.

