# PRODUCT DATA SHEET

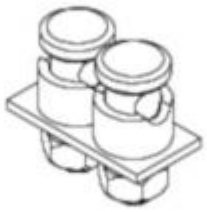
## Lightning protection systems

## Connection components for LPS conductors

**Code: 6225240-71**
**Description: Copper alloy double bonding clamp for Ø8mm conductor, code 6225240-71**

### Application

The clamp can be used for connections of solid round or stranded conductor to air termination rod, contraction – expansion absorbing component, earth lead in rod.



### 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 | Plate: Copper (Cu). / Screw terminals, bases for screw terminals: Copper alloy (Cu-A). |
| Description | Is consisted of a plate housing two special designed screw terminals M10x20 mm and the bases for the screw terminals. The tightening is achieved through two stainless steel nuts M10. |
| Conductors' dimensions | Ø8 mm (50 mm2). |
| Connection arrangements | 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 | 17 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 **30741** by accredited laboratory as per ISO 17025.

## ELEMKO management systems

- ISO 9001
- ISO 14001
- ISO 45001

## Country of Origin

Greece

## Unit: piece / Package: 50 pieces

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