

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code: 64 21 300 (copper) / 64 21 301 (tin plated copper)**

**Description: Contraction – expansion absorbing component**

ed.02/2021

#### Application

Used in air termination system. Installed at 20m intervals of straight conductor and at crossing of conductors to compensate for the contraction – expansion of conductors caused by temperature changes.

#### Classification as per IEC EN 62561

- Heavy duty (H – 100 kA)
- General use (above ground)
- Not intended to withstand a static mechanical load
- Non-permanent connection



#### Technical characteristics

Material	Copper (Cu) or tin plated copper (Cu/eSn)
Connection to conductor	By single bonding clamps, through one Ø10 mm hole at each end.

#### Installation instructions

Arrangements	Parallel connection (B2)
Installation	Above ground
Can be connected with	Cu, Cu-A (copper alloy), Cu/eSn, SSt (Stainless Steel), St/eCu

#### 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 **30732** by accredited laboratory as per ISO 17025

#### Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

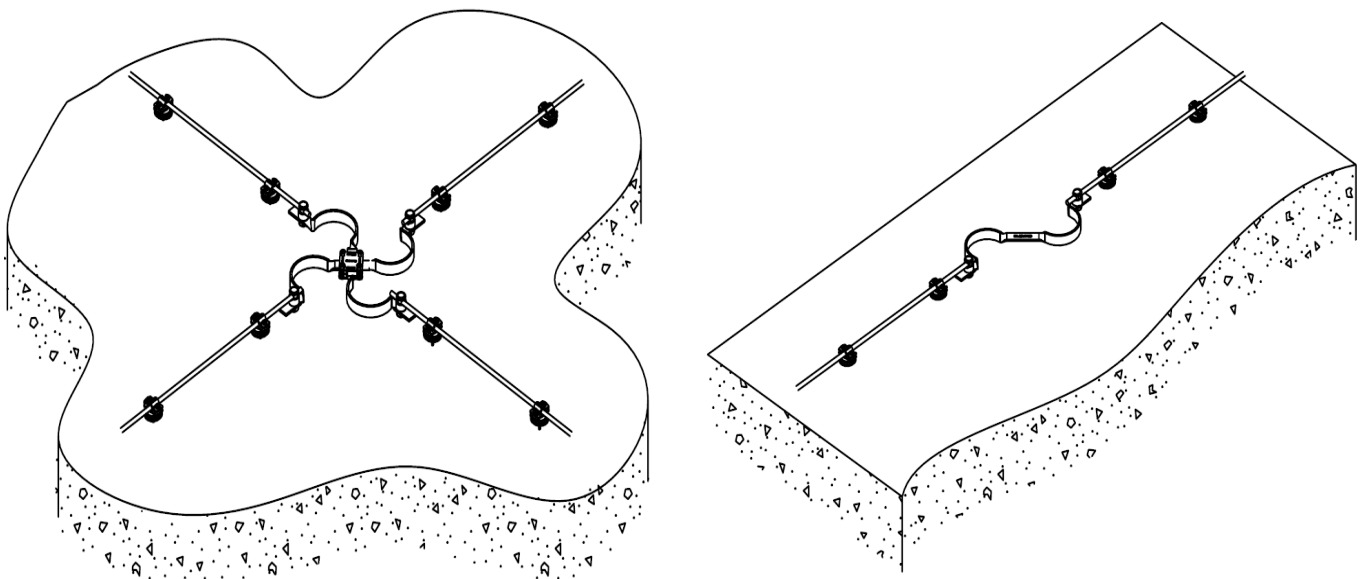
#### Country of Origin

Greece

#### Needed accessories<sup>1)</sup>

Clamp (e.g. ELEMKO code 6221833), single bonding clamps (e.g. ELEMKO code 6225140).

**Unit: piece / Package: 25 pieces**



<sup>1)</sup> See relevant data sheets

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