

## PRODUCT DATA SHEET

### LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Code: 62 25 140 (copper alloy clamp) / 62 25 142 (tin plated copper alloy clamp)**

**Description: Single bonding clamp**

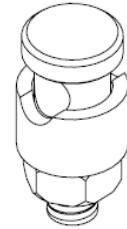
ed.02/2021

#### Application

The clamp can be used for connections of solid round or stranded conductor to contraction – expansion absorbing component, pipe clamp, end clamp.

#### Classification as per IEC EN 62561

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



#### Technical characteristics

Material	Copper alloy (Cu-A) and/or tin plated copper alloy (Cu-A/eSn)
Description	Is consisted of a special designed screw terminal M10x25 mm, a base and one stainless steel nut M10.

#### Installation instructions

Conductor's dimensions	Ø8 mm (50 mm <sup>2</sup> )
Connection arrangements	Parallel (B2) "T" (B4)
Installation	Above ground, buried in ground, embedded in concrete
Can be connected above ground with	Cu, Cu/eSn, SSt (Stainless Steel), St/eCu, St/tZn*
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 **31005-II** by accredited laboratory as per ISO 17025

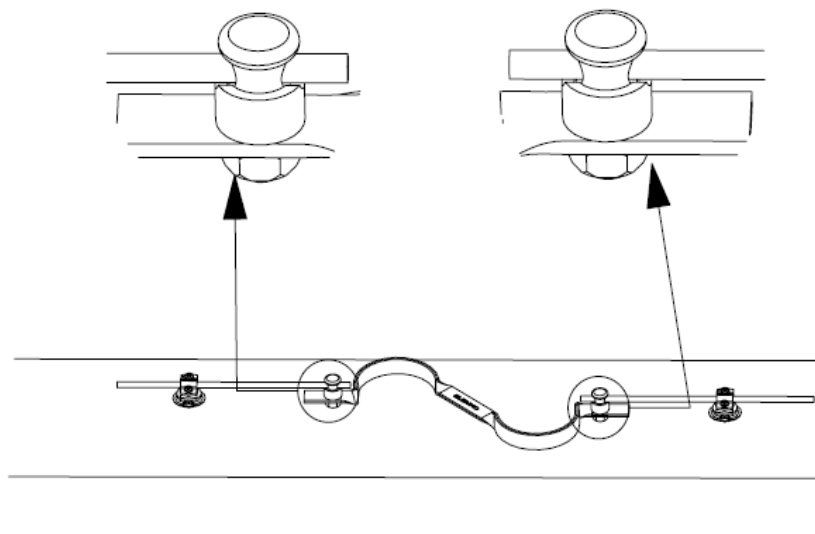
#### Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

#### Country of Origin

Greece

#### Unit: piece / Package: 100 pieces



Typical application of the component's use

\*Only for tin plated copper clamp

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