

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Double bonding clamp for Ø8 mm (50 mm²) conductor Part number ELEMKO : 62 25 204

Description

Double bonding clamp, class "H" (Heavy duty), for connecting solid round or stranded conductor to :

- Air termination rods (part numbers ELEMKO 64 21 210 – 64 21 215).
- Contraction – expansion absorbing component (part numbers ELEMKO 64 22 300).
- Earth lead in rods (part numbers ELEMKO 64 22 200 - 64 22 250, 64 23 150 - 64 23 250).
- Earth rods (part numbers ELEMKO 63 00 015 – 63 00 025).
- Air termination rod support mast (part numbers ELEMKO 60 06 XXX).

The clamp consist of two special designed copper alloy (Cu-A) screw terminals M10x25mm, according to DIN 48837, a copper alloy (Cu-A) body and two stainless steel nuts M10 according to EN 24032, allowing effective bonding between the conductor and the above components.

Technical data – Installation instructions

Arrangements	<ul style="list-style-type: none"> ➤ Parallel connection (B2) ➤ Parallel connection to metal installation (B5) ➤ "T" connection to metal installation (B6)
Dimensions of conductor	➤ Ø8mm (50 mm ²)
Installation	➤ Outdoor, in ground, embedded in concrete
Can be connected outdoor with	➤ Cu, Cu/eSn, Stainless Steel
Can be connected in ground with	➤ Cu, Cu/eSn, Stainless Steel
Can be connected in concrete with	➤ Cu, Cu/eSn, Stainless Steel, St/tZn
Tightening torque	➤ 17 Nm
Lightning current withstand capability	<ul style="list-style-type: none"> ➤ CLASS H – 100kA (10/350µs) ➤ 50 Coulomb ➤ 2.5 MJoule / Ohm

The above component has successfully passed the tests required by standard EN 62561-1 "Lightning protection system components (LPSC) – Part 1 : Requirements for connection components". The tests were performed at ELEMKO high voltage and high current testing laboratory.
Test report number : **30730**

Connection Arrangement	Clamp Photo
	