

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Aluminium alloy air terminal rod Ø10x300 mm

Part number ELEMKO 64 41 106

Description

Air terminal rod Ø10x300 mm, made out of aluminium alloy, equipped with hot dip galvanized steel clamp (part number ELEMKO 62 08 308). Through the clamp it is connected to the air termination conductor.

Technical data – Installation instructions

Arrangement	➤ Parallel connection (B2)
Installation	➤ Outdoor
Dimensions of conductor	➤ Ø8–10mm (50–70 mm ²)
Can be connected with	➤ Al, Stainless Steel, St/tZn
Tightening torque	➤ 13 Nm
Lightning current withstand capability	➤ CLASS H – 100kA (10/350µs) ➤ 50 Coulomb ➤ 2.5 MJoule / Ohm
Electrical resistivity	➤ <0,036 µΩm
Tensile strength	➤ 120–280 N/mm ²

The above component has successfully passed the tests required by standard IEC EN 62561-2 “Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes”. The tests were performed at ELEMKO high voltage and high current testing laboratory.
Test report number : 31137

Photograph

