

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

**Ø10mm aluminium alloy air termination rod for photovoltaic panels
Part number ELEMKO 64 41 105**

Description

Air termination rod for photovoltaic panels, made out of aluminium alloy. The dimensions of the rod are Ø10x1300mm. To be mounted – electrically connected to the support of the PV panel it is equipped with two hot galvanized steel clamps. The PV panel base is used as “natural” down conductor and connects the air termination rod to the earth electrode.

Technical data – Installation instructions

Installation	➤ Outdoor
Clamps' tightening torque	➤ 13 Nm
Can be connected with	➤ Al, Stainless Steel, St/tZn
Electrical resistivity	➤ <0,036 $\mu\Omega\text{m}$
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**

Drawing

