

PRODUCT DATA SHEET

LIGHTNING PROTECTION AND EARTHING SYSTEM COMPONENTS

Code: 64 20 125 (copper) / 64 22 125 (tin plated copper)

Description: 25mm² nominal cross sectional area stranded conductor

ed.02/2021

Application

Copper or tin plated copper stranded conductor used as air termination conductor¹, down conductor¹, equipotential bonding conductor in lightning protection systems and as earth conductor in electrical installations.

¹ In certain applications where mechanical strength is not an essential requirement.

Technical characteristics

Diameter	6,42 mm
Nominal cross sectional area	25 mm ²
Material	Copper (Cu) or tin plated copper (Cu/eSn)
Electrical resistivity	≤0,018 μΩm
Electrical resistance	≤0,734 Ω/km
Tensile strength	200 – 450 N/mm ²



Installation instructions

Installation	Above ground, buried in ground, embedded in concrete
Can be connected above ground with	Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu
Can be connected buried in ground with	Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu
Can be connected in concrete with	Cu, Cu-A (copper alloy), Cu/eSn, Stainless Steel (SSt), St/eCu, St/tZn

Comply with

The component complies with standard IEC EN 62561-2 "Lightning protection system components (LPSC) – Part 2 : Requirements for conductors and earth electrodes".

Manufacturing Quality Control

Manufacturing quality control according standard ISO 9001

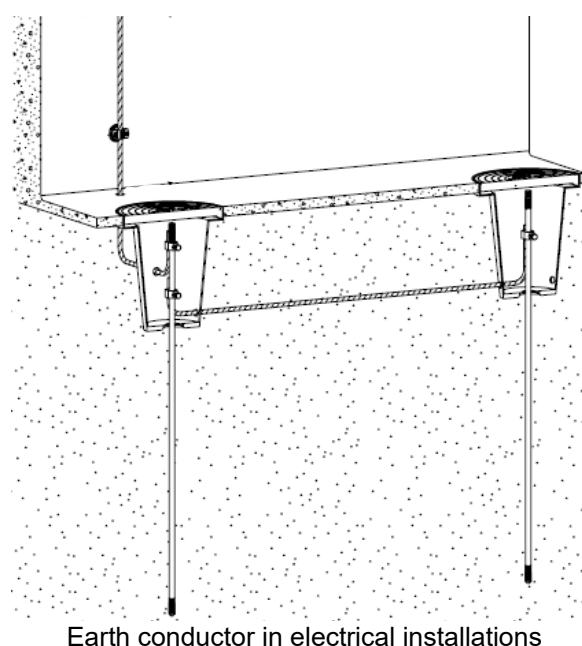
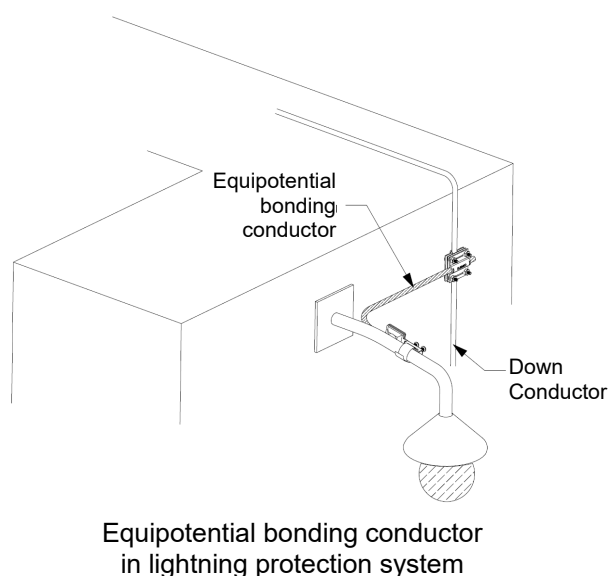
Country of Origin

Greece

Needed accessories¹⁾

Clamps (e.g. 6221836), fasteners (e.g. 6130034) for the spacing consult fasteners' installation instructions.

Unit: meter / Package: 300 m approx. / 0,220 kg/m



Typical applications of the conductor

¹⁾ See relevant data sheets

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