Electrical Discharge Stick for MV power installations

SR EN 50508

Code: PD 808*

Electrical discharge sticks are designed to safely discharge the electrical charges present on medium voltage conductor elements after their de-energising. The discharge sticks are equipped with a hand separator, protection plug at the bottom end and a metallic part at the top, that allows the connection of the discharge electrode and the earthing subassembly.

The set can be provided with an aluminium alloy "U" hook or / and a finger type electrode.

The earthing subassembly can be easily connected to the top metallic part of the stick.
It contains an earthing cable manufactured from highly flexible multi-core copper wire, class VI according to SR EN 60228, protected with a transparent insulating layer, directly extruded on the multi-core wire, according to SR EN 61138. The earthing cable cross-section can be 16 or 25 mm^2. At the other end of the earthing cable can be attached an earthing clamp or welding pliers.

Components:
- Insulating stick
- Hook electrode (Ø 10 / M10) and / or finger type electrode (Ø 10 x 120 mm / M10)
- Earthing cable
- Earthing clamp (copper alloy) and / or welding pliers (steel)



FINGER TYPE ELECTRODE

HOOK TYPE ELECTRODE



EARTHING CLAMP



WELDING PLIERS (400A)

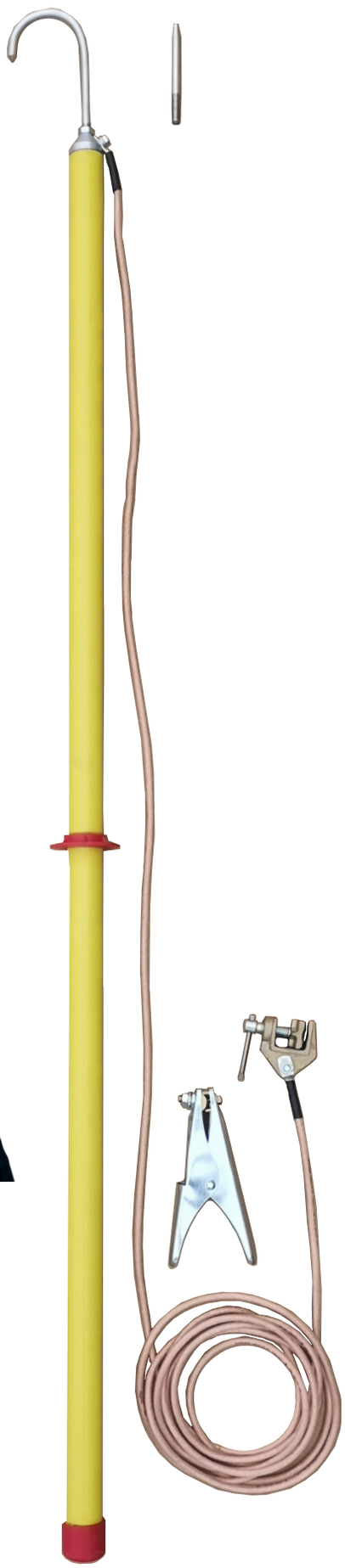


EARTHING SUBASSEMBLY - WITH EARTHING CLAMP



EARTHING SUBASSEMBLY - WITH WELDING PLIERS





Technical characteristics	
Total length of the stick (without electrode) (m)	1,67
Weight of the stick (excluding accessories) (kg)	1,1
Diameter of the tube (mm)	42
Earthing cable cross-section (mm^2)	16 or 25*
Earthing cable length (m)	2 ... 6*
Weight of aluminium finger type electrode (kg)	0,025
Weight of aluminium hook type electrode (kg)	0,070
Weight of steel welding pliers (kg)	0,37
Weight of earthing clamp (kg)	0,46
Opening of earthing clamp (mm)	22

* other sections / lengths at request