

ITEM 11

**PORTABLE TEMPORARY SHORT CIRCUITING AND GROUNDING EQUIPMENT FOR  
10-20 kV BARE WIRE AERIAL LINES**

**TYPE WIS20/3F-35/MT22/VL**

**IN CONFORMITY WITH THE INTERNATIONAL STANDARD EN 61230 – IEC 61230**  
**Icc.: 9,6 kA /1s**



- N°3** Screw contact clamps type **S20 (SNAP ON)** made by light alloy tested for high intensity current. Steel check spring onto mobile beck (SNAP ON) that allows an easy and safe setting up onto conductor before clamping.  
Clamping capacity: conductors 3÷30 mm Ø. The contact clamp are stationary fitted onto high insulating rod made by epoxy resin reinforced by fiberglass tube external diameter 40 mm, yellow colour, certified in conformity with the International Standard EN 61235.  
Length 1,4 m complete of insulating closing cap and hand guard.
- N°2** Short circuiting extraflexible electrolytic copper cables covered by transparent PVC sheath connecting the clamps between them. Section 35 mm<sup>2</sup>, length 1,6 m each.  
Completes, at the extremities, of tinning copper lugs and reinforcements by transparent heath shrink sheath.
- N°1** Ground extraflexible electrolytic copper cable covered by transparent PVC sheath connecting the first clamp to the ground clamp type MT22. Section 35 mm<sup>2</sup>, length 15 m.  
Complete, at the extremities, of tinning copper lugs and reinforcements by transparent heath shrink sheath.
- N°1** Ground clamp type **MT22** made by press forged brass tested for high intensity current.  
Galvanized steel screw clamping. Clamping capacity: round conductors and flat bars up to 22 mm.
- N°1** Earth rod with handles for extraction from the ground, length 1 m.

Equipment supplied into a suitable heavy fabric bag.