

## SHORT CIRCUITING AND GROUNDING EQUIPMENT FOR HV SUBSTATION 70kV TYPE **WI140CH22-P5/5-PV2/3**

**CERTIFIED IN CONFORMITY WITH THE INTERNATIONAL STANDARD EN 61230 – IEC 61230.**  
**SHORT CIRCUIT TEST 12.5 kA/1 s.**



- n°3 Contact clamps type **PC140/CH22** made by light alloy tested for high intensity current.  
Clamping capacity:
  - \*round conductors 20 - 120 mm diameter.
  - \*flat conductors up to 50 mm thickness
  - \*bars up to 50x140 mm
 Blocking system moved by steel screw.
- CH22 hexagonal tang.
- n°3 Extraflexible electrolytic copper cables, covered by transparent PVC sheath, for the connection between the **PC140/CH22** clamps and the **MT 33** ground clamps.  
Section 50 mm<sup>2</sup> each length 5 m, complete, at the extremities, of tinning copper lugs and reinforcements by transparent heat-shrink sheath.
- n°3 Ground clamps made by press forged brass type **MT33** tested for high intensity current.  
Clamping capacity: round conductors and or bars up to 33 mm.
- Metallic carrying case.
- Insulating rod made of synthetic resin reinforced by fiberglass tube, external diameter 40 mm, orange colour, certified in conformity with the International Standard EN 61235 – IEC 61235.  
Type **PV2/300CH23**, total length 3 m in two elements each 1,5 m length connectable between them by fast joints.  
Complete of:
  - hand guard and lower insulating cap at the base part;
  - aluminium quick couplers with nylon-fiberglass ring nut;
  - “**CH23**” attack for manoeuvring the PC140/CH22 clamps.
- Heavy fabric bag for the insulating rod.