

SHORT CIRCUITING AND GROUNDING EQUIPMENT FOR HV SUBSTATION 500kV
TYPE WI140CH22-P5/8-PV3/6

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 mm² each length 8 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 **PV3/600CH23**, total length 6 m in three elements each 2 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.