

# Earthing & Short Circuit Protection Equipment WITH ALUMINUM CABLE

High voltage overhead lines and substations

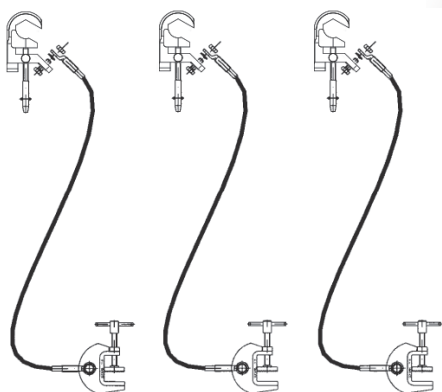
Light clamps

## 680 PAT-AL-3/MPL

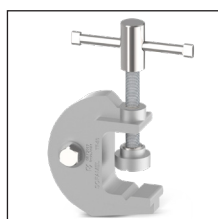
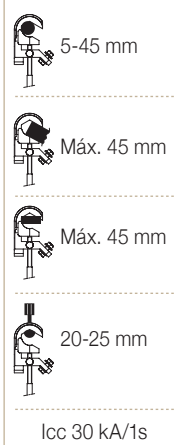
Phase earthing and short-circuit equipment for high voltage overhead lines.

The main aim for its installation is operator's protection against an accidental commissioning or possible voltage return during repair operations.

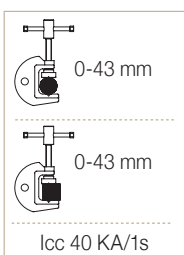
According to IEC 61138 standard.



**MPL**  
Medium voltage clamp



**TT-50**  
Earthing lathe



### Composed of:

- 3 MPL aluminium alloy clamps with screw tighten for cylindrical conductors with diameter between 5 and 45 mm and flat bars.
- 3 **aluminum** cables with PVC insulation. Section and length depending on model.
- 3 TT-50 milling earthing lathe.
- 3 nylon bags to store and transport the equipment.

Code	Ref.	Cable section (mm <sup>2</sup> )	Length (m)	Short circuit current Max. ICC
680150	PAT-AL-3/MPL/12007		7	
680160	PAT-AL-3/MPL/12008	120	8	17,5 KA/1s* - 24 KA/0,5s*
680170	PAT-AL-3/MPL/12010		10	

\*Theoretical rated current.

IEC 61138