

# Earthing Devices

## Safety

### Medium and high voltage substations - Screw clamps

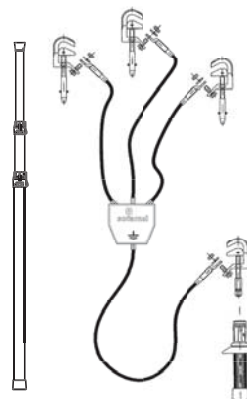
#### 30906 PATCPF-MPU

Earthing and short-circuit equipment for substations.

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

The MPU clamp is fixed on bare cylindrical conductors, flat bars, bending bus-bars or fixing points by screw tightening.

According to IEC 61230 standard.



#### Composed of:

- 3 MPU aluminium alloy clamps with screw tighten and Bayonet (MPU / B). For cylindrical conductors with a diameter between 4 and 30 mm; plate up to 45 mm and fixed points from 20 to 25 mm.
- 1 clamp MPU/H.
- 3 copper cables with PVC insulation of 25/35/50 mm<sup>2</sup> section (depending on model) and 0.75 m long.
- 1 copper cable with PVC insulation of 25/35/50 mm<sup>2</sup> section (depending on model) and 2 m long.
- 1 insulated trifurcating connector.
- 1 1.5 m telescopic pole with three sections.
- 1 insulating grip for the earthing clamp.
- 1 plastic case to store and transport the equipment.



MPU  
Clamp



EMP  
Insulating grip

	4-30 mm
	Max. 45 mm
	Max. 45 mm
	20-25 mm
Icc 12 kA/1s	

Code	Ref.	Short circuit current Max. ICC
665310	PATCPF-MPU/2525	6.9 kA/1s
665315	PATCPF-MPU/3535	9.0 kA/1s
665320	PATCPF-MPU/5050	12.0 kA/1s

IEC 61230