



Insulating shutter

Code: PEAD - 20

The **insulating shutter** is a protective equipment for use in indoor power substations of a maximum rated voltage of 20 kV in order to prevent the accidental closing of the disconnecting switches.

The insulating shutter is applied by placing it between the fixed part of the switch and the mobile part in the open position.

Depending on the switch's disconnector's position, an insulating stick PMU 20-1-B/ba or PMU 110-2-B/ba is used for the application of the shutter.

The insulating shutter is made of polypropylene, provided with a support arm made of a 600 mm insulating tube.

The support arm is provided with a foldable bayonet coupling system in order to allow the fastening of the shutter in the stick. The coupling system allows the fastening of the shutter in various inclinations towards the axis of the stick.



Technical characteristics

Maximum operating voltage (kV c.a.)	20
Test voltage $U_{nc}/3min$ (kV)	50
Permitted leakage current (mA)	max. 1,5
Total shutter dimension without arm (mm)	710 x 500 x 150
Total shutter dimension with arm* (mm)	710 x 1235 x 150
Operating temperature range (°C)	- 25...+55
Weight (kg)	3,5

Shunt for LV overhead lines with bare conductors

Code: SH-LJT

Intended use : live works on LV overhead lines with bare conductors, in order to maintain the continuity of power circuits.

Application: from height.

By hanging the self-tightening clamp on the conductor and pulling down the clamp.

Components:

- self-tightening clamps - 2 pieces
- connection cable - 1 piece



Technical characteristics

Nominal operating voltage U_n (kV)	max. 1
Cable section (mm ²)	25
Permanent current I (A)	100
Cable length l_f (m)	at request
Protection length of the electrically insulating rod (m)	0,35
Overhead conductor diameter (mm)	5 - 16
Overhead conductor section (mm ²)	25 - 120