



LOW VOLTAGE OVERHEAD LINES

Poly-phase short-circuiting device for LV overhead lines with bare conductors - applied from height

SR EN 61230



Code: Msp - 1 - nxS_r / I_r - S_p / I_p - O/p

Application: from height - by hanging the self-tightening clamp to the conductor followed by the pulling down of the clamp.

Components:

- **Short-circuiting subassembly** provided with:
 - ▶ Self-tightening clamp with insulating stick - "n" = 4 ... 7 pieces
 - ▶ Short-circuiting cable - 3 ... 6 pieces
 - ▶ Connection cable to the earthing subassembly provided with socket plug - 1 piece
- **Earthing subassembly** consisting of:
 - ▶ Coupling plug for the connection to the short-circuiting subassembly - 1 piece
 - ▶ Earthing cable - 1 piece
 - ▶ Earthing clamp - 1 piece
- Insulating extension stick - 1 piece
- Mobile earthing rod - 1 piece

Packing: waterproof bag



**EARTHING CLAMP
TYPE CLPR-16**



MOBILE EARTHING ROD



**SELF-TIGHTENING CLAMP WITH
INSULATING STICK**



**INSULATING EXTENSION
STICK**

Technical characteristics

Rated operating voltage U _n (kV)	max. 1	
Short-circuiting and earthing cable cross-section S _r , S _p (mm ²)	16	25
Nominal short-circuit current for t = 1 s I _{sc} (kA)	4	6
Shock (peak) nominal current for t = 0,02 s I _{sd} (kA)	8	12
Test short-circuit current for t = 1 s (kA)	4,6	6,9
Shock (peak) nominal current for t = 0,02 s (kA)	9,2	13,8
Power factor (according to SR EN 61230)	2	
Short-circuiting cable length I _r (m)	max. 1	
Earthing cable length I _p (m)	max. 15	
Number of self-tightening clamps / adaptors for DPS connectors	max. 7	
Protection length of the insulating stick (m)	0,35	
Total protection length of the stick, with the insulating extension stick (m)	0,84	
Conductor diameter where the phase clamp can be applied (mm)	5 ÷ 16	
Conductor cross-section where the phase clamp can be applied (mm ²)	25 ÷ 120	