



Three-phase short-circuiting device for MV overhead lines - application from the ground - CAA clamp

SR EN 61230 **R**

Code: Msp - CAA - AS - 3xS_p/I_p - O/p

Application: from the ground, by the successive lifting of each clamp, hanging of the automatic self-locking clamp (CAA) on the conductor, followed by the pulling down of the clamp, automatically detached from the mounting adapter.

Considering the weight of the phase clamp, connected to the earthing conductor and the positioning of the overhead conductors at approx. 9 m from the ground, the application of clamps with the 9 m multipurpose telescopic insulating stick type **PTU-AS-400-6-c** is difficult to be performed in bad weather conditions.

In order to facilitate the application of clamps on overhead conductors, it is recommended to use the **pulley system for the lifting of the short-circuiting clamps from the ground (see page 51)**.



Components:

- Self-locking automatic clamp (CAA) – 3 pieces
- Earthing cable – 3 pieces
- Earthing clamp – 1 piece
- Mounting adaptor (AM/C) – 1 piece
- Removal hook (CDA/C) – 1 piece
- Mobile earthing rod – 1 piece

Packing: waterproof bag

Related products:

- Multipurpose telescopic insulating stick type **PTU-AS-400-6-c**, provided with "hexagon 12" coupling system (see page 11)



MOUNTING ADAPTOR
AM/C



REMOVAL HOOK
CDA/C



MOBILE EARTHING ROD

Technical characteristics

Earthing cable cross-section S _p (mm ²)	16	25	35	50	70
Nominal short-circuit for t = 1 s I _{sc} (kA)	4	6,25	8	12	16
Shock (peak) nominal current for t = 0,02 s I _{sd} (kA)	10	15,63	20	30	40
Test short-circuit current for t = 1 s (kA)	4,6	7,2	9,2	13,8	18,4
Test (shock) peak current for t = 0,02 s (kA)	11,5	17,97	23	34,5	46
Power factor (according SR EN 61230)	2,5				
Earthing cable length I _p (m)	max. 17,5				
Diameter of the conductor where the phase clamp can be applied (mm)	5 ÷ 32		6 ÷ 32		