



Three-phase short-circuiting device for MV overhead line - application from the ground - self-locking clamps

Code: Msp - N - AS - 3x35/10 - O/p

SR EN 61230 SR EN 61235 R

Intended use: earthing and short-circuiting of **MV overhead line conductors** placed maximum **10.5 m from the ground**.

Application: from the ground, by hanging the self-locking clamps mounted at the end of metallic telescopic sticks on overhead conductors, using the insulating stick included in the short-circuiting device.

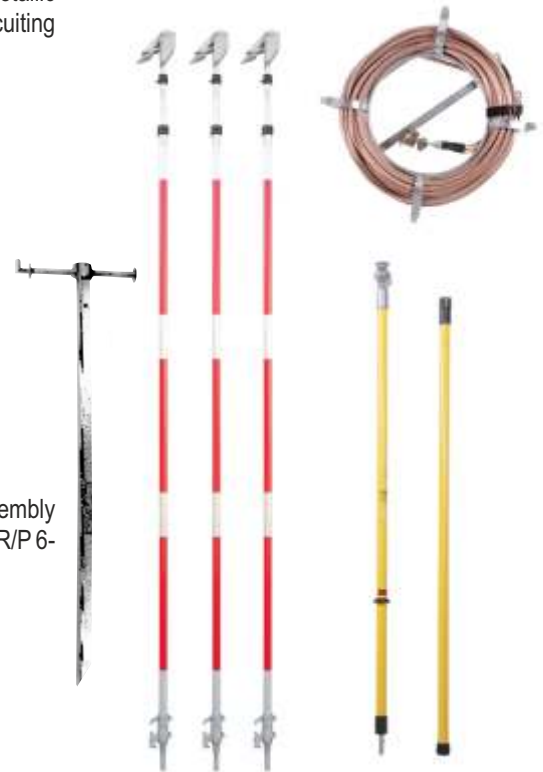
Benefits: easy to assemble and easy to use by a single user.

Components:

- = **Metallic telescopic stick with self-locking clamp** – 3 pieces
- = **Insulating stick with two modules** – 1 piece
- = **Metallic drum for the transportation of earthing cables** – 1 piece
- = **Earthing cable**, l=10m; S=35 mm² – 3 pieces
- = **Manual earthing clamp** – 1 piece
- = **Mobile earthing electrode (peg)** – 1 piece

Packing: waterproof bag.

Tips: the absence of voltage on overhead conductors is checked by means of the subassembly consisting of the self-locking clamp - metallic telescopic stick, with the voltage detector DTCIER/P 6-35 kV mounted in the special part at the end of the insulating stick consisting of two modules. The voltage detector is not included in the product set.



SELF-LOCKING CLAMP



COUPLING DETAIL OF THE INSULATING STICK AND THE METALLIC STICK



DETAIL OF THE DETECTOR FIXING IN THE SPECIAL PART AT THE END OF THE INSULATING STICK

Technical characteristics

Earthing cable cross-section / length (mm ² /m)	35 / 10
Nominal short-circuit current for t = 1 s I _{sc} (kA)	8
Shock (peak) nominal current for t = 0,02 s I _{sd} (kA)	20
Test short-circuit current for t = 1 s (kA)	9,2
Test shock (peak) current for t = 0,02 s (kA)	23
Power factor (according to SR EN 61230)	2,5
Length of the telescopic metallic stick; folded/extended (m)	2,45 / 6,35
Total length of the insulating stick consisting of two modules (m)	3,42
Diameter of the conductor where the phase clamp can be applied (mm)	4 ÷ 22