

EARTHING AND SHORT-CIRCUITING DEVICES



Single-phased earthing device for spherical pieces – fast automatic clamp ("CAR")

Code: Msp - CAR - Sp/lp - S

The single-phased earthing device is equipped with a fast automatic phase clamp (type "CAR") which can be fixed on spherical pieces (diameter 30mm) permanently mounted on bus bars. The "CAR" automatic clamp contains an extruded body made of aluminium alloy and fast tightening screw with a bayonet terminal for coupling with PMU insulating sticks.

The single-phased earthing device contains:

- fast automatic phase clamp - 1 piece;
- earthing cable - 1 piece;
- earthing clamp - 1 piece;

The earthing device is delivered in sets of three pieces in a transport bag/box.



SR EN 61230

Parameter	Value						
Earthing cable section S_p (mm ²)	16	25	35	50	70	95	120
Nominal short-circuiting current for $t = 1s$ I_{sc} (kA)	3,5	6	8	12	16	20	30
Nominal peak current for $t = 0,02s$ I_{sd} (kA)	8,75	15	20	30	40	50	75
Testing short-circuiting current for $t = 1s$ (kA)	4,6	6,9	9,2	13,8	18,4	23	34,5
Testing peak current for $t = 0,02s$ (kA)	11,5	17,25	23	34,5	46	57,5	86,25
Peak factor	2,5						
Earthing cable length l_p (m)	max. 9,5						
Diameter of the spherical pieces (mm)	30						

