Three-phased short-circuiting device for spherical pieces - fast automatic clamp ("CAR")

Code: Msp - CAR - 3xS_f /l_f - Sp/l_p- S

The three-phased earthing device is equipped with three fast automatic phase clamps (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 alluminium alloy and a fast tightening screw with a bayonet terminal for coupling with PMU insulating sticks.

The three-phased short-circuiting device contains:
- fast automatic phase clamps - 3 pieces;
- phase cables - 3 pieces;
- earthing cable - 1 piece;
- earthing clamp - 1 piece;

The short-circuiting device is delivered in a transport bag/box.



CST Enel SR EN 61230

Parameter	Value						
Earthing S_p and short-circuiting S_f cable sections (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 currrent 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						
Short-circuiting cable length l_f (m)	max. 2,5						
Short-circuiting cable length l_p (m)	max. 7						
Diameter of the spherical pieces (mm)	30						



