

EARTHING AND SHORT-CIRCUITING DEVICES



Three-phased short-circuiting device for bus bars - classic clamp ("C")

Code: Msp - C - 3xS_f/I_f - S_p/I_p - P/p

The three-phased short-circuiting device is equipped with three classic phase clamps (type "C") which can be fixed on bus bars in indoor substations. The "C" classic clamp contains a moulded body made of aluminium alloy and a tightening screw with a bayonet terminal for coupling with PMU insulating sticks.

The three-phased short-circuiting device contains:

- classic 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



SR EN

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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 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							
Short-circuiting cable length I _f (m)	max. 1,5							
Earthing cable length I _p (m)	max. 7							
Thickness of the bus bar on which the clamp can be applied (mm)	max. 40							

