



### Short-circuiting for LV cabinets, substations and distribution boxes provided with HRC fuses

Code: Msp - 1 - Sp/lp - B00/p (single-phase)    Msp - 1 - 3xSf/lf - Sp/lp - B00/p (three-phase)  
 Msp - 1 - Sp/lp - B/p (single-phase)    Msp - 1 - 3xSf/lf - Sp/lp - B/p (three-phase)  
 Msp - 1 - Sp/lp - B1/p (single-phase)    Msp - 1 - 3xSf/lf - Sp/lp - B1/p (three-phase)

SR EN 61230



**Application:** manually, using a fuse extractor with protective sleeve for HRC (high rupture capacity) fuses **MMPS/1-MPR** type.

**Constructive types:** single-phase or three-phase

**Types of connecting blades** - 3 size versions:

- ✓ Connecting blade code **B00** – for sockets size 00
- ✓ Connecting blade code **B** – for sockets size 0, 1, 2, 3
- ✓ Connecting blade code **B1** – for sockets type PK 1 XL-1kV

**Components:**

● **Single-phase short-circuiting device** consisting of:

- ▶ Connecting blade - 1 piece
- ▶ Earthing cable – 1 piece
- ▶ Earthing clamp – 1 piece

● **Three-phase short-circuiting device** consisting of:

- ▶ Connecting blade - 3 pieces
- ▶ Short-circuiting cable - 3 pieces
- ▶ Earthing cable – 1 piece
- ▶ Earthing clamp – 1 piece

**Related products:**

- Fuse extractor with protective sleeve for HRC (high rupture capacity) fuses **MMPS/1-MPR** type (see page 1)

**Packing:** waterproof bag



SINGLE-PHASE SHORT-CIRCUITING DEVICE



CONNECTING BLADE FOR SOCKETS SIZE 00 (B00)

CONNECTING BLADE FOR SOCKETS SIZE 0, 1, 2, 3 (B)

CONNECTING BLADE FOR SOCKETS SIZE PK1 XL - 1kV (B1)



THREE-PHASE SHORT-CIRCUITING DEVICE

Technical characteristics	
Nominal operating voltage $U_n$ (kV)	max. 1
Power factor (according to SR EN 61230)	2,5
Short-circuiting cable length $l_f$ (m) - three-phase short-circuiting device	max. 1,2
Earthing cable length $l_p$ (m) - three-phase short-circuiting device	max. 5,5
Earthing cable length $l_p$ (m) - single-phase short-circuiting device	max. 6,7

Technical characteristics	Short-circuiting devices for sockets size 00 (B00)			Short-circuiting devices for sockets size 0, 1, 2, 3 (B)			Short-circuiting devices for PK1 XL - 1kV (B1) sockets		
Short-circuiting and earthing cable cross-section $S_i, S_p$ (mm <sup>2</sup> )	16	16	25	35	16	25	35		
Nominal short-circuit current for $t = 1$ s $I_{sc}$ (kA)	4	3,5	6,25	8	4	6,25	8,75		
Shock (peak) nominal current for $t = 0,02$ s $I_{sd}$ (kA)	10	8,75	15,63	20	10	15,63	21,9		
Test short-circuit current for $t = 1$ s (kA)	4,6	4	7,2	9,2	4,6	7,2	10,06		
Test (peak) current for $t = 0,02$ s (kA)	11,5	10	17,97	23	11,5	17,97	25,16		