

MCB Miniature Circuit Breakers series BMS0, 10kA, ME



BM017216M



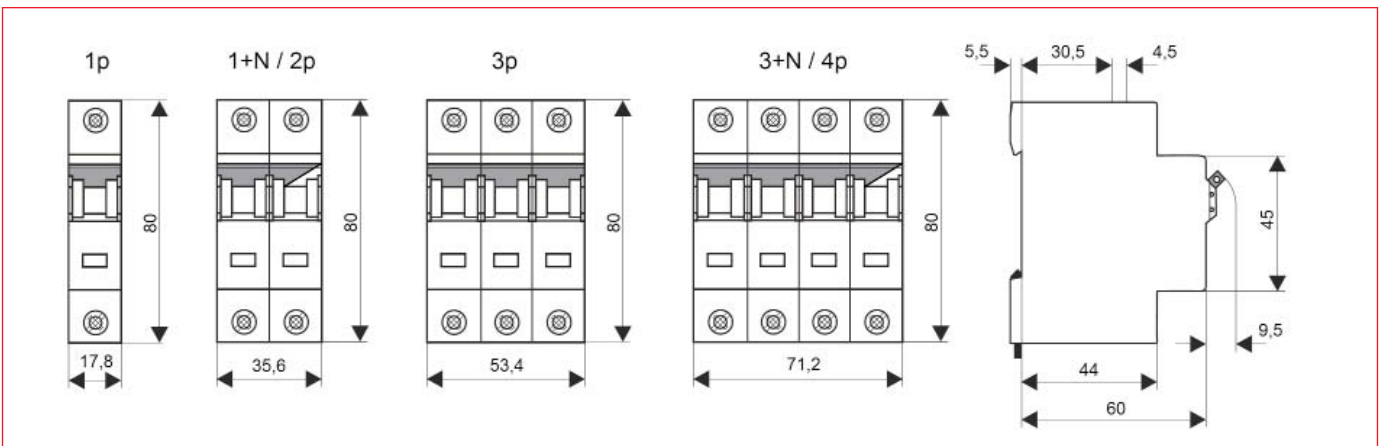
BM017320ME

Schrack-Info

- Calibrated for an ambient temperature 40°C
- Rated breaking capacity 10kA according EN 60898 and 15 kA according EN 60947-2
- Insulated terminal guide for secure connection
- Lift and clamp terminals on both sides
- High selectivity by low let-through energies
- Window with positively-driven contact position indicator for each pole
- Terminal cross-section: 1 – 25mm²
- Meets the requirements for insulation coordination, contact gap 4mm
- Mains power connection selectable (top/bottom)
- Installation not dependent on position
- Special latching snap-on mounting for DIN rail EN 50022

Improved busbar connection by clamp terminals on both sides (top and bottom). No mismatching of conductors when connecting thanks to effective terminal guide. No removal of busbar during replacement due to latching snap-on mounting.

Dimensions



Standards:	IEC/EN 60898 and IEC/EN 60947-2
Rated voltage:	230V / 400V-AC
Rated frequency:	50/60Hz
Rated voltage capacity DC:	max. 48V-DC
Rated current:	2 - 63A
Tripping characteristic:	B, C, D
Rated short-circuit capacity Icn:	10 kA according EN 60898
Rated short-circuit capacity Icu:	15 kA according EN 60947-2
Energy limiting class:	3
Max. back up fuse:	max. 125A gG/gL
Rated impulse withstand voltage Uimp:	4kV
Rated tripping temperature	-5 °C up to +40 °C
Operating temperature:	-40 °C up to +75 °C
Degree of protection:	IP 20 (covered IP40)
Operating position:	in any position
Calibrated for ambition temperature:	+40°C
Endurance:	> 8.000 operating cycles (mechanical > 20.000)
Finger and hand touch safe:	acc. to BGV A3
Terminals:	Double clamp / lift terminal
Terminal cross-section:	1 - 25mm ²
Terminal width 1 MW:	17,8mm
Terminal tightening torque:	2 - 2,4Nm
Mounting:	on DIN rail by latching snap-on mounting

MCB Miniature Circuit Breakers series BMS0, 10kA, ME, 1-pole



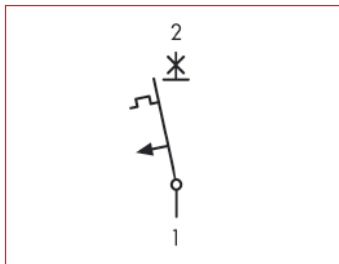
BM0181150ME

Schrack-Info

Most common accessories:

- Auxiliary contact 1NO/1NC BM900001
- Busbar 10mm²/3-pole BS990113
- End cap 3-pole BS900116
- Busbar 10mm²/1-pole BS900140

Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic B		
2A		BM018102ME
4A		BM018104ME
6A		BM018106ME
10A		BM018110ME
16A		BM018116ME
20A		BM018120ME
25A		BM018125ME
32A		BM018132ME
40A		BM018140ME
50A		BM018150ME
63A		BM018163ME
Characteristic C		
2A		BM017102ME
4A		BM017104ME
6A		BM017106ME
10A		BM017110ME
16A		BM017116ME
20A		BM017120ME
25A		BM017125ME
32A		BM017132ME
40A		BM017140ME
50A		BM017150ME
63A		BM017163ME

MCB Miniature Circuit Breakers series BMS0, 10kA, ME, 1-pole

DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic D		
2A		BM019102ME
4A		BM019104ME
6A		BM019106ME
10A		BM019110ME
16A		BM019116ME
20A		BM019120ME
25A		BM019125ME
32A		BM019132ME
40A		BM019140ME
50A		BM019150ME
63A		BM019163ME

MCB Miniature Circuit Breakers series BMS0, 10kA, ME, 1+N



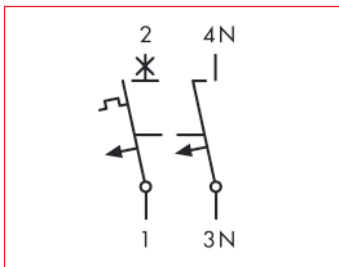
BM017616M

Schrack-Info

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm²/3-pole BS990113
- Busbar 10mm²/N-conductor BS990115
- Busbar 16mm²/1N, 2N, 3N BS900123
- Busbar end cap 4-pole BS900117

Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic B		
25A		BM018625ME
Characteristic C		
6A		BM017606ME
10A		BM017610ME
16A		BM017616ME
20A		BM017620ME
25A		BM017625ME
32A		BM017632ME
40A		BM017640ME

MCB Miniature Circuit Breakers series BMS0, 10kA, ME, 2-pole



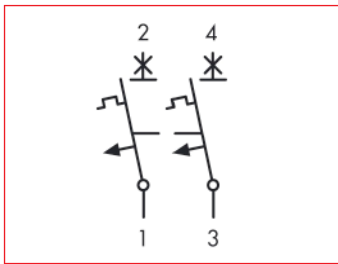
BM017216M

Schrack-Info

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm²/2-pole BS900111
- Busbar end cap 2-pole BS900118

Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic B		
2A		BM018202ME
4A		BM018204ME
6A		BM018206ME
10A		BM018210ME
16A		BM018216ME
20A		BM018220ME
25A		BM018225ME
32A		BM018232ME
40A		BM018240ME
50A		BM018250ME
63A		BM018263ME
Characteristic C		
2A		BM017202ME
4A		BM017204ME
6A		BM017206ME
10A		BM017210ME
16A		BM017216ME
20A		BM017220ME
25A		BM017225ME
32A		BM017232ME
40A		BM017240ME
50A		BM017250ME
63A		BM017263ME

MCB Miniature Circuit Breakers series BMS0, 10kA, ME, 3-pole



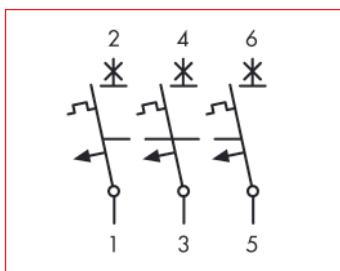
BM017320ME

Schrack-Info

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm²/3-pole BS990113
- Busbar 16mm²/3-pole BS990114
- Busbar end cap 3-pole BS900116

Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic B		
2A		BM018302ME
4A		BM018304ME
6A		BM018306ME
10A		BM018310ME
16A		BM018316ME
20A		BM018320ME
25A		BM018325ME
32A		BM018332ME
40A		BM018340ME
50A		BM018350ME
63A		BM018363ME
Characteristic C		
2A		BM017302ME
4A		BM017304ME
6A		BM017306ME
10A		BM017310ME
16A		BM017316ME
20A		BM017320ME
25A		BM017325ME
32A		BM017332ME
40A		BM017340ME
50A		BM017350ME
63A		BM017363ME



Order no. blue: on stock, usually ready for delivery on the day of order

MCB Miniature Circuit Breakers series BMS0, 10kA, ME, 3-pole

DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic D		
2A		BM019302ME
4A		BM019304ME
6A		BM019306ME
10A		BM019310ME
16A		BM019316ME
20A		BM019320ME
25A		BM019325ME
32A		BM019332ME
40A		BM019340ME
50A		BM019350ME
63A		BM019363ME

MCB Miniature Circuit Breakers series BMS0, 10kA, ME, 4-pole



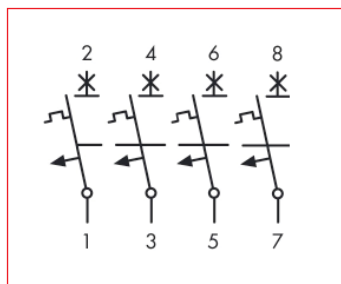
BM017432M

Schrack-Info

Most common accessories:

- Auxiliary contact 1 NO / 1 NC BM900001
- Busbar 10mm²/4-pole BS990121
- Busbar 16mm²/4-pole BS990122
- Busbar end cap 4-pole BS900117

Wiring diagram



DESCRIPTION	AVAILABLE	ORDER NO.
Characteristic C		
2A		BM017402ME
4A		BM017404ME
6A		BM017406ME
10A		BM017410ME
16A		BM017416ME
20A		BM017420ME
25A		BM017425ME
32A		BM017432ME
40A		BM017440ME
50A		BM017450ME
63A		BM017463ME