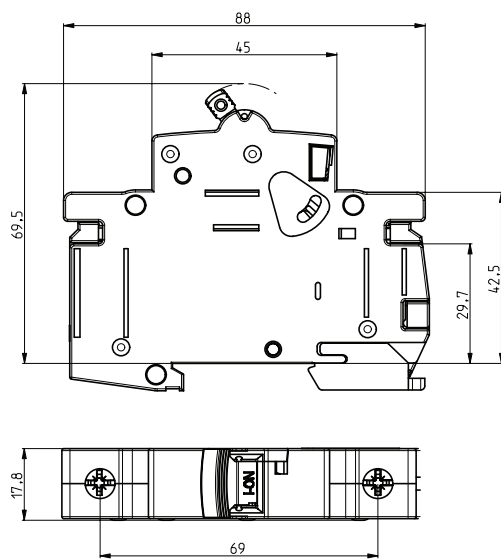


## MCB 10kA 1, 2 & 3-pole B, C, D -characteristics

Miniature circuit-breaker 10kA. Suitable for residential, commercial and industrial applications. It is capable of protecting the system against short-circuit current up to 10kA. Equipped with a mounting bracket that allows you to remove or install a miniature circuit-breaker even when the phase busbar is installed and is compatible with all GARRO busbars for miniature circuit-breakers.

Part numbers: MCBGSB..., MCBGSC..., MCBGSD...

### Technical data



Rated voltage	230V (1p+N), 230/400V (1p), 400V
Rated current	B:6-63A, C:0.5-63A, D:0.5-32A, K:0.5-32A
Rated frequency	50/60Hz
Shock resistance	30g.min. 2 shocks, t = 13ms
Rated short-circuit capacity	10 kA
Energy limiting class	3; B,C
Tripping characteristic	B, C, D, K
Back-up fuse	100A gG
Index of protection	IP 20 (IP 40)
Terminals	1-25mm <sup>2</sup> , max. 2Nm
Mechanical endurance	20000 op.c.
Electrical endurance	20000 op.c. (In≤32A), 10000 op.c. (In>32A)
Ambient temperature	max. -25°C ... +55°C
Storage temperature	max. -40°C ... +70°C
Build-in width	18 mm/pol
Insulating class	B
Overvoltage category	III
Mounting on the rail	EN 60715
Sealing possibility	YES
Terminal cover	Available
Locking device	Available
Standards	EN 60898, IEC 60898, EN 60947-2

### Tripping characteristics

Characteristic	Test current	Tripping time	Result	Result
B, C, D	1,13In	t ≥ 3600 s		No tripping
B, C, D	1,45In	t < 3600 s		Tripping
B, C, D	2,55In	1s < t < 60 s		Tripping
B	3,00In	t ≤ 0,1 s		No tripping
C	5,00In	t ≤ 0,1 s		No tripping
D	10,00In	t ≤ 0,1 s		No tripping
B	5,00In	t < 0,1 s		Tripping
C	10,00In	t < 0,1 s		Tripping
D	20,00In	t < 0,1 s		Tripping
K	1,05In	t < 7200 s		No tripping
K	1,20In	t < 7200 s		Tripping
K	8,00In	t ≤ 0,2 s		No tripping
K	12,00In	t < 0,2 s		Tripping