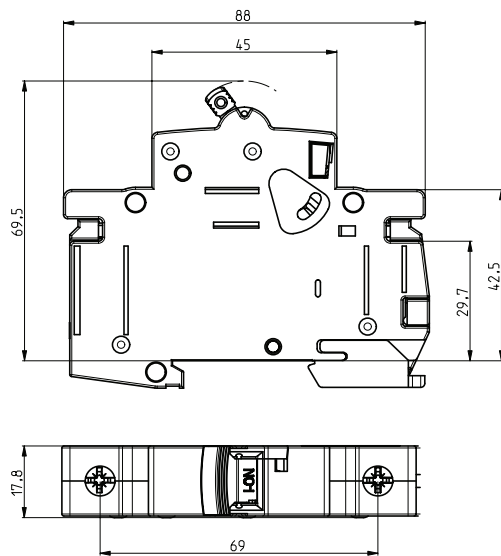


MCB 6kA 1, 2 & 3-pole B & C-characteristics

Miniature circuit-breaker 6kA. This item is capable of protecting the system against short-circuit current up to 6kA. 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 GARO busbars for miniature circuit-breakers.

Part numbers: MCBGRB..., MCBGRC...



Technical data

Rated current	6 - 63A
Rated voltage	230/400 V AC, max. 60V DC
Frequency	50/60 Hz
Rated short-circuit capacity	6 kA
Tripping characteristic	B, C
Shock resistance	30g.min. 2 shocks, t=13mins
Back-up fuse	100A gG
Degree of protection	IP20
Terminals	1-25mm ² , max.23Nm
Built-in width..mm	18 (per pole)
Height..mm	90
Depth..mm	75
Net weight	0.33
Ambient temperature (C)	-25.....+55
Storage temperature (C)	-35.....+55
Overvoltage category	III
Sealing possibility	YES
Electrical endurance (op. c.)	10,000
Mechanical endurance (op. c.)	20,000
Terminal cover	Available
Locking device	Available
Mounting on the rail	EN 60715
Standards	EN 60898, IEC 60898

Tripping characteristics

Characteristic	Test current	Tripping time	Result	Result
B, C	1,13In	$t \geq 3600$ s		No tripping
B, C	1,45In	$t < 3600$ s		Tripping
B, C	2,55In	$1s < t < 60$ s		Tripping
B	3,00In	$t \leq 0,1$ s		No tripping
C	5,00In	$t \leq 0,1$ s		No tripping
B	5,00In	$t \leq 0,1$ s		Tripping
C	10,00In	$t \leq 0,1$ s		Tripping