



Technical Data

Circuit Protection - MCBs

Brief product description:

A range of thermo-magnetic, current limiting MCBs available with B or C curve operating characteristics, which provides overload and short circuit protection.

All MCBs have a positive contact status indicator, i.e. when green window is visible this indicates that there is a 4mm contact gap.

Features:

- Stylish modern profile, matches all other BG devices.
- Positive contact status indicator
- Available from 6 to 55A rating
- 6A to 55A in B curve, 6A to 50A in C curve
- Lockable toggle switch
- Large terminal capacity

Product Images

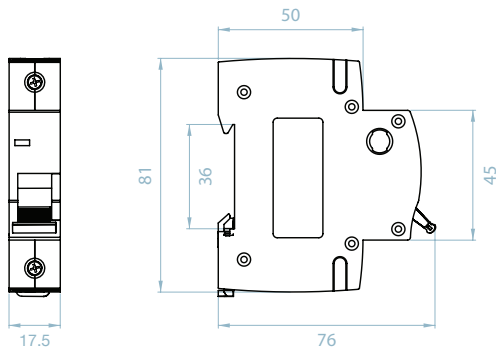


Technical Specifications

Standard(s)	EN/IEC 60898
Rating	6,10,16,20,32,40,45,50 & 55A
Breaking Capacity	6000A
Rated Voltage	230/400V a.c. 50Hz
Rated Insulated Voltage	500V
Rated Impulse Withstand V	U _{imp} 6000V
Energy Limiting Class	3
Ambient Temperature	-5°C to +40 °C
Operating Characteristics	Type B - Magnetic Operating 3 to 5 times I _n (current rating) Type C - Magnetic Operating 5 to 10 times I _n (current rating)
No. of Poles	1P
Trip	Thermal/Magnetic release
IP Rating	IP20
Terminal Capacity	6-20A - 16mm ² , 32-55A - 25mm ² ,
Terminal Torque	2Nm
Installation	Mounting on 35mm DIN rail
Size	17.5mm width
Endurance Operations	Electrical 4,000, Mechanical 10,000

Circuit Protection - MCBs

Line Diagrams



Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
CUMB6	MCB 6A B Curve	nil	Printed box	Printed Box	N/A	12	120	5050765024792	5050765025188	5050765029223
CUMB10	MCB 10A B Curve	nil	Printed box	Printed Box	N/A	12	120	5050765024808	5050765025195	5050765029230
CUMB16	MCB 16A B Curve	nil	Printed box	Printed Box	N/A	12	120	5050765024815	5050765025201	5050765029247
CUMB20	MCB 20A B Curve	nil	Printed box	Printed Box	N/A	12	120	5050765024822	5050765025218	5050765029254
CUMB32	MCB 32A B Curve	nil	Printed box	Printed Box	N/A	12	120	5050765024839	5050765025225	5050765029261
CUMB40	MCB 40A B Curve	nil	Printed box	Printed Box	N/A	12	120	5050765024846	5050765025232	5050765029278
CUMB45	MCB 45A B Curve	nil	Printed box	Printed Box	N/A	12	120	50507650207034	50507650207034	50507650207041
CUMB50	MCB 50A B Curve	nil	Printed box	Printed Box	N/A	12	120	5050765024853	5050765025249	5050765029285
CUMB55	MCB 55A B Curve	nil	Printed box	Printed Box	N/A	12	120	50507650207058	50507650207058	50507650207065
CUMC6	MCB 6A C Curve	nil	Printed box	Printed Box	N/A	12	120	5050765029018	5050765029087	5050765029292
CUMC10	MCB 10A C Curve	nil	Printed box	Printed Box	N/A	12	120	5050765029025	5050765029094	5050765029308
CUMC16	MCB 16A C Curve	nil	Printed box	Printed Box	N/A	12	120	5050765029032	5050765029100	5050765029315
CUMC20	MCB 20A C Curve	nil	Printed box	Printed Box	N/A	12	120	5050765029049	5050765029117	5050765029322
CUMC32	MCB 32A C Curve	nil	Printed box	Printed Box	N/A	12	120	5050765029056	5050765029124	5050765029339
CUMC40	MCB 40A C Curve	nil	Printed box	Printed Box	N/A	12	120	5050765029063	5050765029131	5050765029346
CUMC50	MCB 50A C Curve	nil	Printed box	Printed Box	N/A	12	120	5050765029070	5050765029148	5050765029353

Installation Information

To fit devices onto DIN rail, fit top of device onto rail first and then push down bottom of device until retaining device clip 'clicks' and locks onto DIN rail.

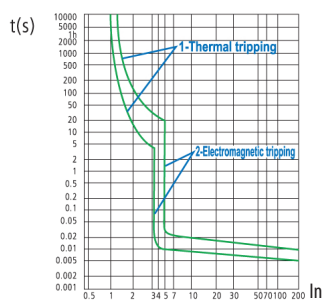
To remove devices, pull out retaining device clip from bottom of MCB (using flat screwdriver) and remove by lifting bottom part of MCB first.

Technical Helpline: 03300 249 279

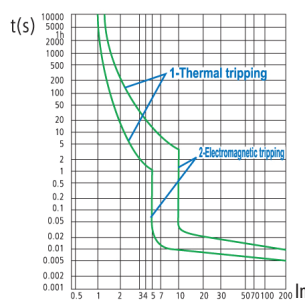
If in doubt consult a competent electrician.

Additional Information

MCB Curves:



B Curve



C Curve