



Technical Data

Bidirectional MCB 1 Module Single Pole 6kA B & C Curve

Brief product description:

Single pole bidirectional MCB B & C curve providing superior protection for both circuits and people where current has the ability to flow in 2 directions through the device such as a PV/Solar application.

The single module compact design will fit in any BG consumer unit or enclosure via a standard DIN rail fit.

Features:

- Available in B & C Curve
- Single Module
- 6kA Breaking Capacity
- Available from 6A to 40A and 45A to 55A (Tall Body)
- Positive Contact Status Indication
- Bidirectional
- -25°C - +40°C operating temperature range

Product Images



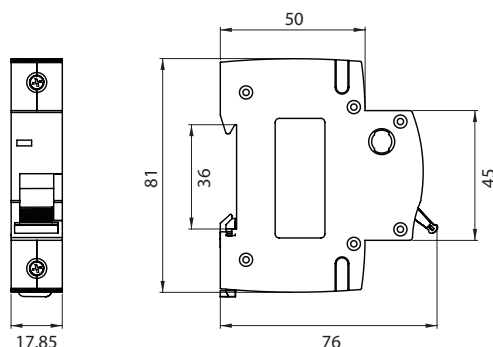
Technical Specifications

Standard(s)	IEC/EN 60898	UK CA CE
Bidirectional	Yes	
Number of poles	1	
Type of pole	L	
Fixing mode	DIN rail type 35mm	
Curve	B & C	
Operating temperature range	-25°C - +40°C	
Rated Operational Voltage Ue	230V	
Frequency	50Hz	
Type of supply voltage	AC	
Rated Insulation voltage	500V	
Max Operating Voltage	264V	
Rated impulse withstand voltage	6kV	
Electrical endurance in number of cycles	4,000	
Number of mechanical operations	10,000	
Screw terminal	Yes - Pozidrive 2	
Terminal Torque	2.0Nm	
Max cable Capacity	6-20 A 16mm, 32-55A 25mm	



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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	6A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765025188	5050765029223
CUMB10	10A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765025195	5050765029230
CUMB16	16A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765025201	5050765029247
CUMB20	20A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765025218	5050765029254
CUMB32	32A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765025225	5050765029261
CUMB40	40A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765025232	5050765029278
CUMB45	45A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765207034	5050765207041
CUMB50	50A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765025249	5050765025285
CUMB55	55A B Curve	-	Printed Box	Printed Box	-	12	120	-	5050765207058	5050765207065
CUMC6	6A C Curve	-	Printed Box	Printed Box	-	12	120	-	5050765029087	5050765029292
CUMC10	10A C Curve	-	Printed Box	Printed Box	-	12	120	-	5050765029094	5050765029308
CUMC16	16A C Curve	-	Printed Box	Printed Box	-	12	120	-	5050765029100	5050765029315
CUMC20	20A C Curve	-	Printed Box	Printed Box	-	12	120	-	5050765029117	5050765029322
CUMC32	32A C Curve	-	Printed Box	Printed Box	-	12	120	-	5050765029124	5050765029339
CUMC40	40A C Curve	-	Printed Box	Printed Box	-	12	120	-	5050765029131	5050765029346
CUMC50	50A C Curve	-	Printed Box	Printed Box	-	12	120	-	5050765029148	5050765029353

Installation Method

To fit device 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.

When fitting please ensure Main Switch is butted firmly against "pip" on far righthand side of the DIN rail.

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

BG Devices are temperature tested to -25°C to + 40°C.