



Technical Data

Circuit Protection – RCDs

Brief product description:

The two module, double pole RCDs provide earth fault current protection for residential and light commercial applications.

Available with a choice of 40, 63 or 80A rating, and choice of 30 or 100mA sensitivity.

All BG RCDs are the common Type AC, suitable for situations where there are residual sinusoidal alternating currents.

The Time Delayed RCD is used typically when two RCDs are installed in series, and the time delayed RCD enables discrimination, i.e. in the event of a fault only the 'upstream' RCD should trip.

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



Features:

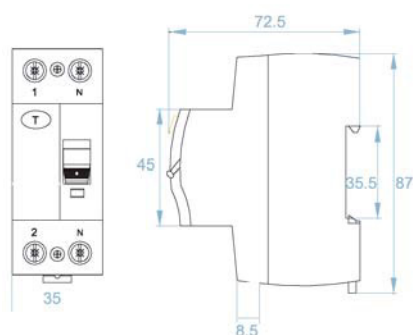
- Stylish modern profile, matches all other BG devices.
- Positive contact status indicator
- Available from 40 to 80A rating, with 30 or 100mA sensitivity
- Resistant to current surges, unwanted tripping excluded
- Lockable dolly switch

Technical Specifications

Standard(s)	EN/IEC 61008-1
Rating	40, 63 and 80A
Breaking Capacity	6000A
Rated Voltage	230/400V a.c. 50Hz
RCD type	Type AC
Rated Sensitivity I_n	30 and 100mA
Rated residual current making & breaking capacity I_m	500A for I_n 40A, 630A for I_n 63 and 80A
Rated residual non-operating current	0.5 x I_n
Residual current Off time I_n	$\leq 0.1S$
Ambient temperature	-25°C to +40 °C
No. of poles	2 (1+N)
Trip	Electro/Magnetic release
IP rating	IP20
Terminal Capacity	35mm ²
Terminal Torque	2.5Nm
Installation	Mounting on 35mm DIN rail
Size	35mm width
Endurance operations	ON 2000 operations, OFF 1000 operations

Circuit Protection – RCDs

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
CUR4030	RCD 40A 30mA	Printed Box	Printed Box	Printed Box	1	5	50	5050765029438	5050765025324	5050765029438
CUR6330	RCD 63A 30mA	Printed Box	Printed Box	Printed Box	1	5	50	5050765024945	5050765025331	5050765029445
CUR8030	RCD 80A 30mA	Printed Box	Printed Box	Printed Box	1	5	50	5050765024952	5050765025348	5050765029452
CUR80100	RCD 80A 100mA	Printed Box	Printed Box	Printed Box	1	5	50	5050765024976	5050765025362	5050765029469
CUR80100TD	RCD 80A 100mA Time Delayed	Printed Box	Printed Box	Printed Box	1	5	50	5050765024990	5050765025386	5050765025386

Weights & Dimensions

Cat No.	Description	Dimension (W x L x H) cm			Weight (g)			CMB (m³)		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
CUR4030	RCD 40A 30mA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
CUR6330	RCD 63A 30mA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
CUR8030	RCD 80A 30mA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
CUR80100	RCD 80A 100mA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA
CUR80100TD	RCD 80A 100mA Time Delayed	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA	TBA

Instructions

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 RCD (using flat screwdriver) and remove by lifting bottom part of RCD first.