



# Technical Data

## Circuit Protection – Type A RCDs

### Brief product description:

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

Available in 40, 63, 80 & 100A with 30mA sensitivity.

These devices are an A type device offering Earth leakage protection on installations with an AC alternating current and equipment which produces a pulsed DC output current.

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:

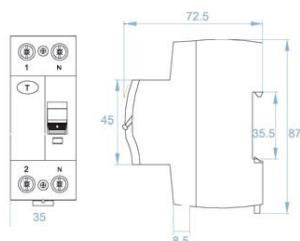
- Stylish modern profile, matches all other BG devices
- Positive contact status indicator
- Available in 40, 63, 80 & 100A with 30mA sensitivity
- Resistant to current surges, unwanted tripping excluded
- Lockable dolly switch

### Technical Specifications

Standard(s)	EN/IEC 61008-1
Rating	40, 63, 80 & 100A
Breaking Capacity	6000A
Rated Voltage	230/400V a.c. 50Hz
RCD Type	Type A
Rated Sensitivity $I_n$	30mA
Rated residual non-operating current	$0.5 \times I_n$
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 <sup>2</sup>
Terminal Torque	2.5Nm
Installation	Mounting on 35mm DIN rail
Size	35mm width
Endurance operations	ON 2000 operations, OFF 1000 operations

# Circuit Protection – Type A RCDs

## Line Diagrams



## Packaging Information

Cat No.	Description	Packaging Type			Pack Quantity			Barcode		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Product	Inner Box	Outer Box
CUR4030A	RCD 40A 30mA	Blue and White Printed Carton + Label	Blue and Brown Printed Carton + Label	Blue and Brown Printed Carton + Label	1	5	50	5050765178136	5050765178143	5050765178129
CUR6330A	RCD 63A 30mA	Blue and White Printed Carton + Label	Blue and Brown Printed Carton + Label	Blue and Brown Printed Carton + Label	1	5	50	5050765178136	5050765178112	5050765178129
CUR8030A	RCD 80A 30mA	Blue and White Printed Carton + Label	Blue and Brown Printed Carton + Label	Blue and Brown Printed Carton + Label	1	5	50	5050765178136	5050765178082	5050765178099
CUR10030A	RCD 100A 30mA	Blue and White Printed Carton + Label	Blue and Brown Printed Carton + Label	Blue and Brown Printed Carton + Label	1	1	50	5050765178044	5050765178051	5050765178068

## Weights & Dimensions

Cat No.	Description	Dimensions (L x W x H) cm			Weight (kg)			CMB (m <sup>3</sup> )		
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Individual	Inner Box	Outer Box
CUR4030A	RCD 40A 30mA	7.5 x 9.4 x 3.4	20 x 10.2 x 8.7	45.5 x 22 x 22.5	0.22	0.24	-	-	-	-
CUR6330A	RCD 63A 30mA	7.5 x 9.4 x 3.4	20 x 10.2 x 8.7	45.5 x 22 x 22.5	0.22	0.24	-	-	-	-
CUR8030A	RCD 80A 30mA	7.5 x 9.4 x 3.4	20 x 10.2 x 8.7	45.5 x 22 x 22.5	0.23	0.25	-	-	-	-
CUR10030A	RCD 100A 30mA	7.5 x 9.4 x 3.4	20 x 10.2 x 8.7	45.5 x 22 x 22.5	0.24	0.26	-	-	-	-

## 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.