



# Technical Data

## Bidirectional RCD 2 Module Double Pole 30mA Type A

### Brief product description:

Double pole bidirectional RCD type A, 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 2 module compact design will fit in any BG consumer unit or enclosure via a standard DIN rail fit.

### 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 toggle switch
- Bidirectional
- -25°C - +40°C operating temperature range

### Product Images



### Technical Specifications

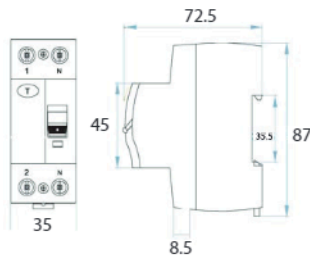
Standard(s)	IEC/EN 61008-01
Bidirectional	Yes
Neutral position	Right
Number of poles	2
Type of pole	L & N
Fixing mode	DIN rail type 35mm
Rated Operational Voltage Ue	230V
Operating temperature range	-25°C - +40°C
Frequency	50Hz
Type of supply voltage	AC
Rated Insulation voltage	500V
Max Operating Voltage	264V
Rated impulse withstand voltage	6kV
Rated residual operating current	30 mA
RCD Type	A
Electrical endurance in number of cycles	2,000
Number of mechanical operations	1,000
Screw terminal	Yes - Pozidrive 2
Terminal Torque	2.5Nm
Max cable Capacity	35mm





# Bidirectional RCD 2 Module Double Pole 30mA Type A

## 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
CUR4030A	RCD 40A 30mA	Printed Box	Printed Box	Printed Box	1	5	50	5050765178136	5050765178143	5050765178150
CUR6330A	RCD 63A 30mA	Printed Box	Printed Box	Printed Box	1	5	50	5050765178105	5050765178112	5050765178129
CUR8030A	RCD 80A 30mA	Printed Box	Printed Box	Printed Box	1	5	50	5050765178075	5050765178082	5050765178099
CUR10030A	RCD 100A 30mA	Printed Box	Printed Box	Printed Box	1	5	50	5050765178044	5050765178051	5050765178068

## Weights & Dimensions

Cat No.	Description	Dimensions (H x W x D) cm			Weight (kg)			CBM (m <sup>3</sup> )
		Product	Inner Box	Outer Box	Each	Inner Box	Outer 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	14	
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	14	
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	14	
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	14	

## 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.**