



Technical Data

Bidirectional RCD 2 Module

Double Pole 100mA/100mA time delay 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:

- Type A
- 100mA
- Double Pole
- Available in 100A
- Positive Contact Status Indication
- Lockable toggle switch
- Bidirectional
- -25°C - +40°C operating temperature range

Product Images



CUR100100TDA



CUR100100A



Technical Specifications

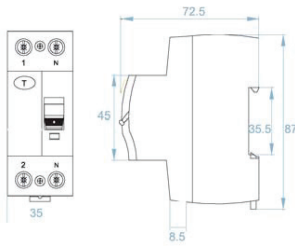
Standard(s)	IEC/EN 61008-01
Bidirectional	Yes
Neutral position	Right
Number of poles	2
Type of pole	L & N
Fixing mode	DIN rail type 35mm
Rated Operational Voltage Ue	230V
Operating temperature range	-25°C - +40°C
Frequency	50Hz
Type of supply voltage	AC
Rated Insulation voltage	500V
Max Operating Voltage	264V
Rated impulse withstand voltage	6kV
Rated residual operating current	100 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





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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
CUR100100A	100A 100mA Type A	Printed Box	Printed Box	Carton	1	5	50	5050765229678	5050765229685	5050765229692
CUR100100TDA	100A 100mA Type A Time Delayed	Printed Box	Printed Box	Carton	1	5	50	5050765229708	5050765229715	5050765229722

Weights & Dimensions

Cat No.	Description	Dimensions (H x W x D) cm			Weight (kg)			CBM (m ³)
		Product	Inner Box	Outer Box	Each	Inner Box	Outer Box	Outer Box
CUR100100A	100A 100mA Type A	8.7 x 3.5 x 7.3	20 x 10.2 x 8.7	45.5 x 22 x 22.5	0.22	0.24	-	#N/A
CUR100100TDA	100A 100mA Type A Time Delayed	8.7 x 3.5 x 7.3	20 x 10.2 x 8.7	45.5 x 22 x 22.5	0.22	0.24	-	#N/A

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.