

# Product Data Sheet



Product Code:  
**100/4/30A, 100/4/100A, 100/4/300A**  
 (Proteus Industrial only).

Issue No.

A

Issue Date:

05/08/2022

Issue by:

T. Tombs

**Description** ETI

4 pole RCD's with Type A filtering. Bi-directional.  
 Flag indication of ON or OFF.

**General Characteristics**

Standards. IEC / BS EN 61008.

Current rating. In. 100A

Voltage rating/Hz. 230 / 400V ac. 50/60Hz.

Residual current I $\Delta$ n (mA). 30mA. 100mA. 300mA.

DC sensitivity. Up to 6mA.

Impulse voltage Uimp. (1.2/50us). 4kV

Test button circuit operating range. 150 - 264V ac.

Polarity – Bi-Directional. Supply can be connected to either end to suit installation.

Short circuit 10kA (with backup fuse). 100A gG – gI fuse maximum.

Icn. Acc. To EN/IEC61008-1

Making & Breaking capacity. Im. 1000A - 10x In.

Terminal capacity. 35mm.sq.

M5 Pozidrive PZ2 2 Nm.

Push button test 6 Monthly.

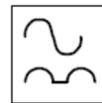
Equipment type. Fixed stationary

Weight (g) 360

Pollution degree 2

Contact position Mechanical indicator. Green / Red.

Degree of protection IP20



Type A

RCD for which tripping is ensured for residual sinusoidal alternating currents and residual pulsating direct currents, whether suddenly applied or slowly rising.

**Tripping Characteristics**

Earth Leakage Current	Trip Time limit (typical measured value)
0.5 x I $\Delta$ n	No trip
1 x I $\Delta$ n	<300ms (nominal <40ms)
5 x I $\Delta$ n	<40ms (nominal <40ms)

**Product coding**

Amps	No. of poles	mA	Type
xx	/ 4 /	xx	A

100/4/30A. 100/4/100A. 100/4/300A.

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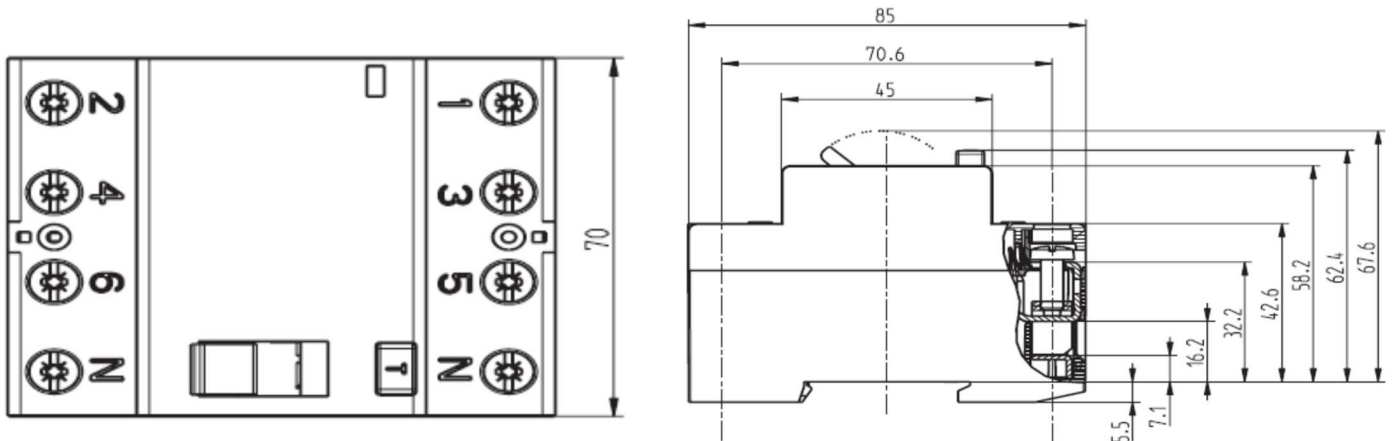
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## Description

ETI

4 pole RCD's with Type A filtering. Bi-directional.

## Dimensions



## Additional information.

### Usage

Intended for use by skilled persons or instructed persons. Check test button function 6 monthly. If device does not trip when test button is pressed replace immediately. Supply must be present for test circuit operation.

### Electrical

Maximum service voltage: 440V

Electrical Isolation: 4mm contact gap

Electrical endurance: > 2000.

Voltage range for test circuit: 150 – 264V

### Physical

Ambient operating temperature -25 to 55 °C  
 (Not exceeding average of 35 °C in any 24 hour period).

Maximum altitude 2000m.

Mechanical endurance: > 4000.

### Installation

Service conditions: Wiring of this product must comply with current IEE regulations. Units are intended for indoor use and dry conditions and **NOT** where high levels of humidity and temperature are experienced.