

Product Data Sheet



Product Code:
25/4/30A – 80/4/300A (Proteus Industrial only).
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. 25, 40, 63 & 80A

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

Residual current I Δ n (mA). 25A – 30mA only.
 40A – 30mA, 100mA only.
 63A, 80A – 30mA, 100mA,
 DC sensitivity. 300mA
 Up to 6mA.

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

Test button circuit operating range. 150V – 264V

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

Short circuit 10kA (with backup fuse). 25A – 63A gG – gl fuse maximum
 Acc. to EN/IEC61008-1 40A – 63A gG – gl fuse maximum
 63A – 63A gG – gl fuse maximum
 80A – 80A gG – gl fuse maximum

Making & Breaking capacity. 630A - 25A, 40A, 63A
 800A - 10x In.

Terminal capacity. 80A - 25mm.sq.

M5 Pozi-drive PZ2. Torque. 25A, 40A, 63A - 3 Nm max.
 80A – 2.5 Nm.

Push button test 6 Monthly.

Equipment type. Fixed stationary

Weight (g) 300g - 25/40A. 330g – 63A.
 380g – 80A.

Pollution degree 2

Contact position Mechanical indicator. Green / Red.

Degree of protection IP20

Issue No.
A

Issue Date:
05/08/2022

Issue by:
T. Tombs



Type A

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

Product coding

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mA Type

- 25/4/30A
- 40/4/30A, 40/4/100A
- 63/4/30A, 63/4/100A, 63/4/300A
- 80/4/30A, 80/4/100A, 80/4/300A

Tripping Characteristics

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

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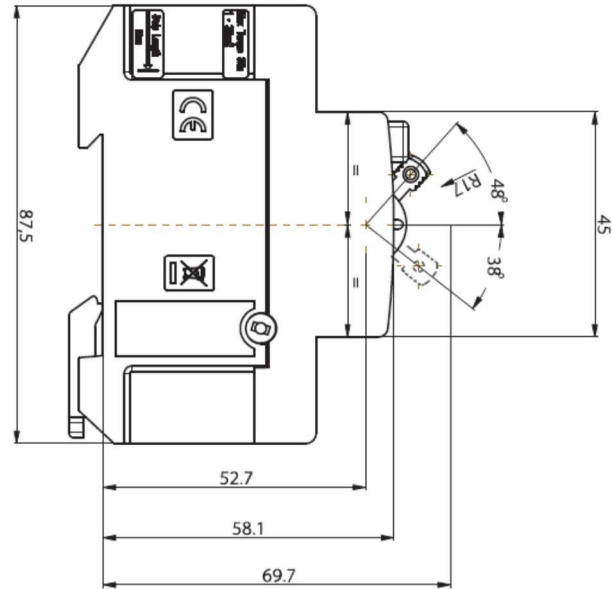
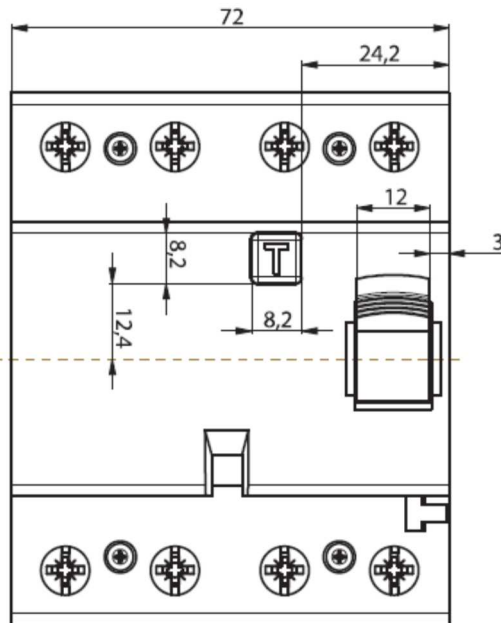
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Description

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: Up to 63A - > 4000. 80A - > 2000

Physical

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

Maximum altitude 2000m.

Mechanical endurance: Up to 63A - > 10000. 80A - > 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.