

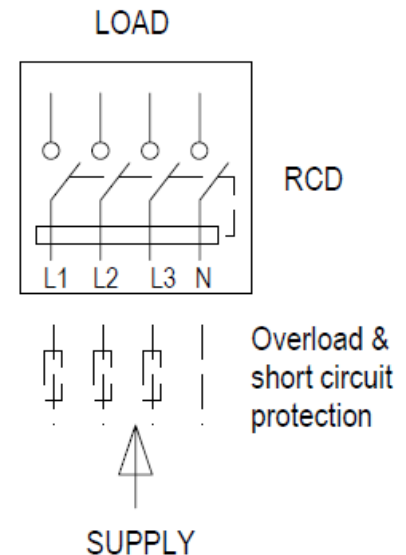
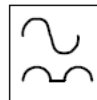
Product Data Sheet



Product Code: 25/4/30A – 100/4/300A (Proteus Industrial only).	Issue No. C	Issue Date: 21/06/2018 Rev 13/11/2018	Issue by: T. Tombs
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Description
4 pole RCD's with Type A filtering.

General Characteristics	
Standards.	BS EN 61008.
Current rating.	25, 40, 63, 80 & 100A
Voltage rating/Hz.	240 / 415V ac. 50/60Hz.
Residual current I Δ n (mA). DC sensitivity.	30, 100 & 300. Up to 6mA.
Type	A
Nuisance tripping Resistance.	250A 8/20 μ s: 200A 0.5 μ s – 100kHz
Minimum operating voltage	205 V ac.
No of poles.	4
Polarity	Supply can be connected to either end to suit installation.
Acc. to EN/IEC61008-1 Short circuit 10kA (with backup fuse).	25A – 63A gG – gI fuse 40A – 63A gG – gI fuse 63A – 80A gG – gI fuse 80A – 80A gG – gI fuse 100A – 100A gG – gI fuse
Making & breaking	500A - 25 and 40A 10x I _n – 63, 80 and 100A.
Terminal capacity.	35mm.sq. or 2x 16mm.sq.
Terminal tightening torque.	5 Nm max.
Push button test	Monthly.
Equipment type.	Fixed stationary
Weight (g)	385g
Pollution degree	3



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)

Product coding

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

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

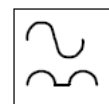
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25/4/30A – 100/4/300A (Proteus Industrial only).	C	21/06/2018	T. Tombs

Description
4 pole RCD's with Type A filtering.

Dimensions	30mA RCD test circuit	100 & 300mA RCD test circuit
	<p>30mA</p>	<p>100 & 300mA</p>



Type A

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

Additional information.

Usage

Intended for use by skilled persons or instructed persons. Check test button function 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: 455V

Rated frequency: 50/60Hz.

Rated operational voltage: 240 / 415V

Insulation resistance: 1000MΩ

Dielectric strength: 2500V

Physical

Ambient operating temperature -5 to 40 °C

(Not exceeding average of 35 °C in any 24 hour period).

Maximum altitude 2000m.

Mechanical / electrical endurance: 20000 / 10000 operations.

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.

Note: IP rating of enclosures can be compromised if correct use of glands is not followed when installing unit.