

Product Code:

80/2/30T

Product Range:

RCD

Issue Date:

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Issue by:

S.Y.

Description:

80A 2 Pole 30mA Residual Current Device

Features:

- Isolator Duty Combined With RCD Protection
- Positive Contact Indication
- Electromagnetic Compatibility
- Locking Facility In Open Position
- IP40



Technical:

Standard	BS EN 61008
Current Rating	80 A
Voltage Rating	230 V
Earth Fault Sensitivity	30 & 100mA
Enclosure Material	Polyamide (Nylon) case
Type	Type A
Colour	Grey
IP Rating	IP 40 (in enclosure)
Cable Entry	Box terminals
Number of Modules	2
Number of Poles	Double Pole
Short Circuit Rating	6 kA
Terminal Capacity (In)	35 mm ²
Terminal Capacity (Out)	35 mm ²
Torque Settings	2 -2.5Nm
Busbar Connectivity	Upto 2 mm tick forked copper busbar

Type AC () means tripping is ensured for residual sinusoidal alternating currents whether suddenly applied or slowly rising.

Test facility provided checks the electronic detection and mechanical tripping of the device - must be operated regularly.

This RCD is suitable for use as an isolation device and can be locked in either ON or OFF position. However when locked in the ON state the device can still trip and continue to provide earth fault protection.

Tripping Characteristics:

0.5 x I_{dn}	Trip time limit (typical measured value)
1 x I_{dn}	No trip
5 x I_{dn}	<300 ms (nominally <40 ms)
	Actual Tripping Threshold
30 mA	20 - 25 mA
100 mA	80 - 85 mA

