



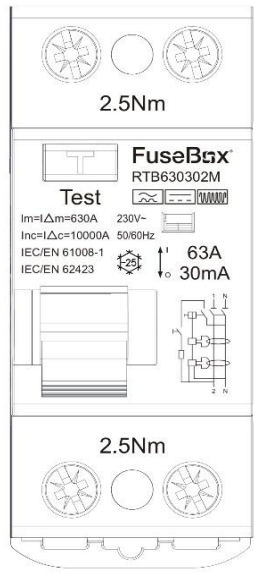
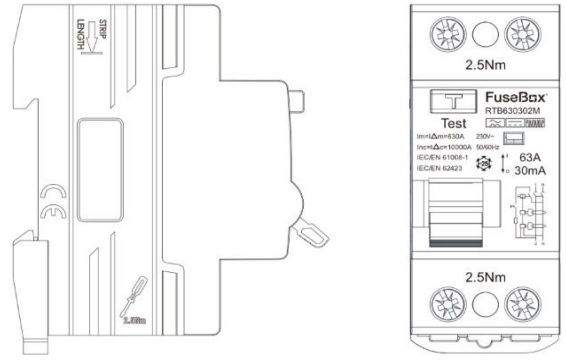
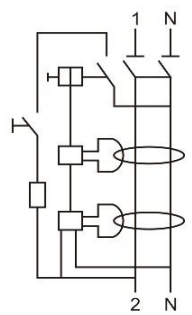










		BARCODE 	
RCD TYPE B 63A 30mA 2P <b>RTB630302M</b> 		UK CA   CE   RoHS Compliant	
TECHNICAL		DIMENSIONS	
			
		APPLICATION	CONNECTION DIAGRAM
		EV Electric vehicle charging <b>(DC fault current greater than 6mA)</b> PV photovoltaic systems Inverters Uninterruptible power supplies (UPS)	
			
PRODUCT DATA			
<b>PART NUMBER</b>		RTB630302M	
<b>BARCODE</b>		5060523524792	
<b>DESCRIPTION</b>		63A 30mA TYPE B RCD 2P (36mm)	
<b>STANDARD</b>		IEC EN 61008-1 / IEC EN 62423	
<b>NUMBER OF POLES</b>		2	
<b>RATED VOLTAGE (Un/AC)</b>		230V	
<b>FREQUENCY (Hz)</b>		50/60Hz	
<b>RATED BREAKING CAPACITY (Icu)</b>		630A (In=63A)	
<b>RATED CURRENT (In)</b>		63A	
<b>RESIDUAL CURRENT CHARACTERISTICS</b>		TYPE B	
<b>RATED RESIDUAL OPERATING CURRENT (IΔn)</b>		0.03A (30mA)	
<b>MATERIAL</b>		PA6	
<b>WEIGHT (1PC) Kg</b>		0.246	
<b>INNER CARTON QUANTITY</b>		1	
<b>ORIGIN OF MANUFACTURE</b>		CHINA	
		<a href="http://www.fusebox.co.uk">www.fusebox.co.uk</a>	
<a href="mailto:sales@fusebox.co.uk">sales@fusebox.co.uk</a>			

## TECHNICAL DATA

<b>RCD Type</b>	B
<b>STANDARD</b>	IEC EN 61008-1 / IEC EN 62423
<b>Rated current I<sub>n</sub></b>	63A
<b>Poles</b>	2P
<b>Numbers of poles/modules</b>	2POLE / 2MODULE 36mm
<b>Rated voltage U<sub>e</sub></b>	2P, 230V
<b>Insulation voltage U<sub>i</sub></b>	500V
<b>Rated frequency</b>	50/60Hz
<b>Rated sensitivity I<sub>Δn</sub></b>	0.03A (30mA)
<b>Rated residual making and breaking capacity I<sub>Δm</sub></b>	630A (I <sub>n</sub> =63A)
<b>Short-circuit current Inc= I<sub>Δc</sub></b>	6000A
<b>SCPD fuse</b>	
<b>Break time under I<sub>Δn</sub></b>	≤0.1S
<b>Rated impulse withstand voltage (1.2/50)U<sub>imp</sub></b>	6kV
<b>Dielectric test voltage at and ind Freq. for 1 min</b>	2.5kV
<b>Electrical life and Mechanical life</b>	4000 CYCLES
<b>Pollution degree</b>	2

## INSTALLATION

<b>Protection degree</b>	IP20
<b>Ambient temperature (with daily average ≤35 °C)</b>	-5 to 40
<b>Storage temperature</b>	-25 to 70
<b>Terminal connection type</b>	Cage terminal
<b>Maximum cable capacity</b>	35mm <sup>2</sup>
<b>Tightening torque</b>	2.5Nm
<b>Mounting</b>	35mm top hat din rail

<b>Waveform definition</b>	<b>B type</b>	
	<b>Tripping current</b>	
<b>Sinusoidal exchange</b>	0.5-1 I <sub>Δn</sub>	
<b>Pulsating half wave</b>	0.5-1.4 I <sub>Δn</sub>	
<b>Pulsating half wave + direct current (6mA)</b>	Max 1.4 I <sub>Δn</sub> +6mA	
<b>Pulsating half wave + direct current (10mA)</b>	Max 1.4 I <sub>Δn</sub> +10mA	
	150Hz 0.5-2.4 I <sub>Δn</sub>	
<b>High frequency (up to 1KHz)</b>	400Hz 0.5-6 I <sub>Δn</sub>	
	1000Hz 1-14 I <sub>Δn</sub>	
<b>Two phase rectified full wave</b>	0.5-2 I <sub>Δn</sub>	
<b>Three phase rectified full wave</b>	0.5-2 I <sub>Δn</sub>	
<b>Direct current</b>	0.5-2 I <sub>Δn</sub>	

## ENVIRONMENT

WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF IN HOUSEHOLD WASTE.  
CONTACT YOUR RETAILER OR LOCAL AUTHORITY FOR RECYCLING INFORMATION.

**FuseBox**<sup>®</sup>

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UK  
CA | CE

After installation and testing of this product it is essential that the INSTRUCTION LEAFLET is available for reference