



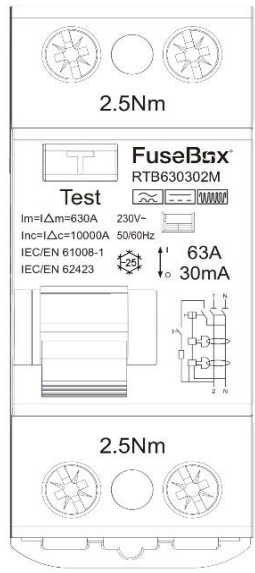
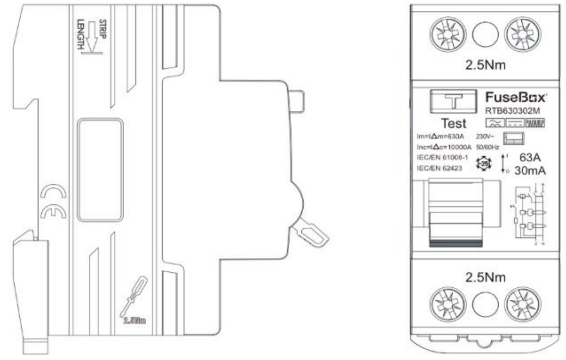
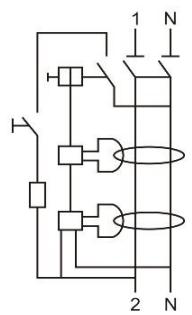










		BARCODE 	
RCD TYPE B 63A 30mA 2P RTB630302M 		UK CA CE   RoHS Compliant	
TECHNICAL		DIMENSIONS	
			
		APPLICATION	CONNECTION DIAGRAM
		EV Electric vehicle charging (DC fault current greater than 6mA) PV photovoltaic systems Inverters Uninterruptible power supplies (UPS)	
			
PRODUCT DATA			
PART NUMBER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

TECHNICAL DATA

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

INSTALLATION

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

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

ENVIRONMENT

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

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