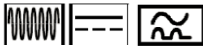



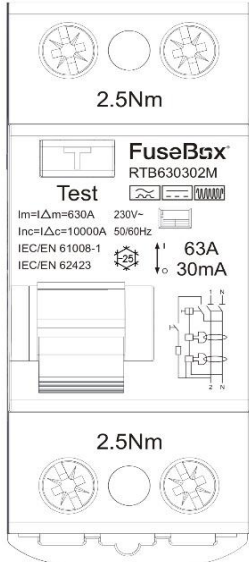
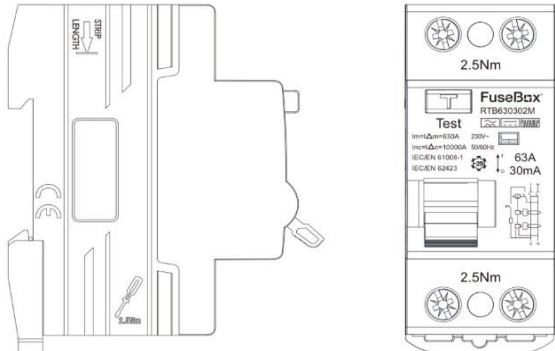
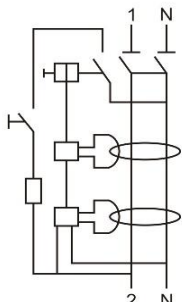











<div>FuseBox®</div>		BARCODE	
<div>RCD TYPE B 63A 30mA 2P</div> <div>RTB630302M</div> <div></div>		<div><div>5 060523 524792</div></div> <div><div>UKCA</div><div>CE</div><div></div><div></div></div> <div><div>RoHS</div><div>Compliant</div></div>	
TECHNICAL		DIMENSIONS	
			
		APPLICATION	CONNECTION DIAGRAM
		<div>EV Electric vehicle charging</div> <div><b>(DC fault current greater than 6mA)</b></div> <div>PV photovoltaic systems</div> <div>Inverters</div> <div>Uninterruptible power supplies (UPS)</div> 	
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		
<div>FuseBox®</div>		<div>www.fusebox.co.uk</div>	
<div>sales@fusebox.co.uk</div>			

**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 $I_{\Delta n}$	0.03A (30mA)
Rated residual making and breaking capacity $I_{\Delta m}$	630A ( $I_n=63A$ )
Short-circuit current $I_{nc}=I_{\Delta c}$	6000A
SCPD fuse	
Break time under $I_{\Delta n}$	$\leq 0.15$
Rated impulse withstand voltage (1.2/50) $U_{imp}$	6kV
Dielectric test voltage at and ind Freg. for 1 min	2.5kV
Electrical life and Mechanical life	4000 CYCLES
Pollution degree	2

**INSTALLATION**

Protection degree	IP20
Ambient temperature (with daily average $\leq 35^\circ\text{C}$ )	-5 to 40
Storage temperature	-25 to 70
Terminal connection type	Cage terminal
Maximum cable capacity	35mm <sup>2</sup>
Tightening torque	2.5Nm
Mounting	35mm top hat din rail

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

**ENVIRONMENT**

WASTE ELECTRICAL PRODUCTS SHOULD NOT BE DISPOSED OF IN HOUSEHOLD WASTE.

CONTACT YOUR RETAILER OR LOCAL AUTHORITY FOR RECYCLING INFORMATION.

# FuseBox®

[www.fusebox.co.uk](http://www.fusebox.co.uk)

UK  
CA | CE

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