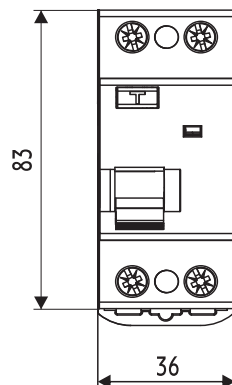
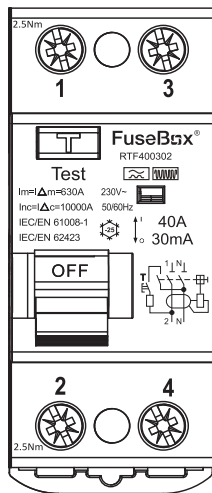


TYPE F RCD

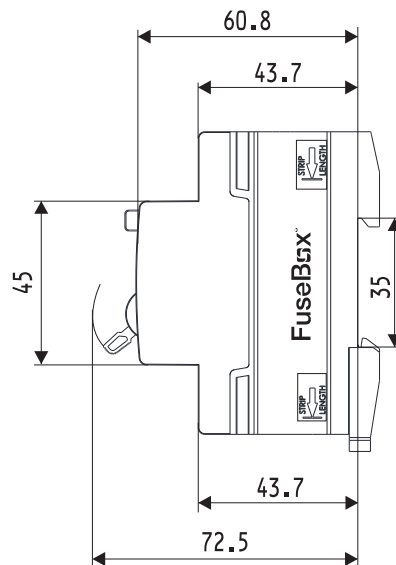


RTF series

IMAGE



DIMENSIONS



## APPLICATION

Reference 531.3.3

For use on applications with equipment containing variable frequency controlled high speed drives (an example may be air conditioning units).

Typical appliances requiring Type F RCD protection may include: washing machines, driers and dishwashers.

Always check with manufacturers instructions when selecting the correct RCD.

Type F RCDs are not designed to detect smooth dc residual currents

## PRODUCT DATA

### PART NUMBER

2P

RTF250302

RTF400302

RTF630302

RTF800302

RTF100302

### DESCRIPTION

25A 30mA 2P RCD TYPE F

40A 30mA 2P RCD TYPE F






63A 30mA 2P RCD TYPE F

80A 30mA 2P RCD TYPE F

100A 30mA 2P RCD TYPE F

WEIGHT (1PC) Kg

0.2 (2P)

Technical data	Electrical features	Standard	IEC62423, IEC61008-1		
		Residual Current Type	F		
		Model	Electromagnetic		
		Rated current $I_n$	25, 40, 63, 80, 100A		
		Poles	2P 4P		
		Rated voltage $U_e$	2P: 230V 4P: 400V		
		Insulation voltage $U_i$	500V		
		Rated frequency	50/60Hz		
		Rated sensitivity $I_{\Delta n}$	30mA		
		Rated residual making and breaking capacity $I_{\Delta m}$	500A ( $I_n \leq 40A$ ), 630A ( $I_n = 63A$ )		
		Short-circuit current $I_{nc} = I_{\Delta c}$	10000A		
		Break time under $I_{\Delta n}$	$\leq 0.1S$		
		Rated impulse withstand voltage (1.2/50) $U_{imp}$	4KV		
		Dielectric test voltage at and ind Freq. for 1 min	2.5KV		
		Neutral position	Right hand side		
	Electrical life	4000 CYCLE			
	Pollution degree	2			
		<b>Waveform definition</b>	<b>Waveform</b>	<b>type F</b>	
					<b>Tripping current</b>
		Sinusoidal exchange		✓	0.5-1 $I_{\Delta n}$
		Pulsating half wave		✓	0.5-1.4 $I_{\Delta n}$
		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 $I_{\Delta n}$
	Mechanical features	Mechanical life	10,000		
		Protection degree	IP20		
Ambient temperature (with daily averages 35°C)		-25°C +40°C			
Storage temperature		-25°C +70°C			
	Maximum cable capacity	25mm <sup>2</sup>			
	Recommended tightening torque	2.5Nm			
	Mounting	35mm DIN rail			