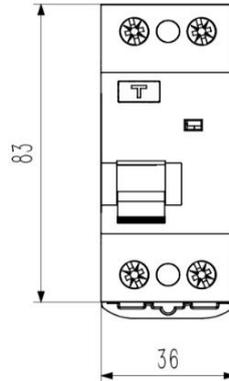
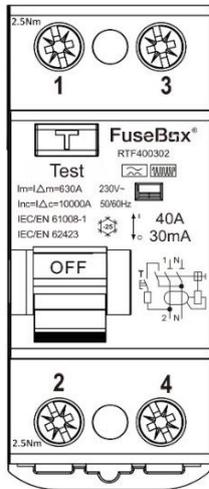


TYPE F RCD

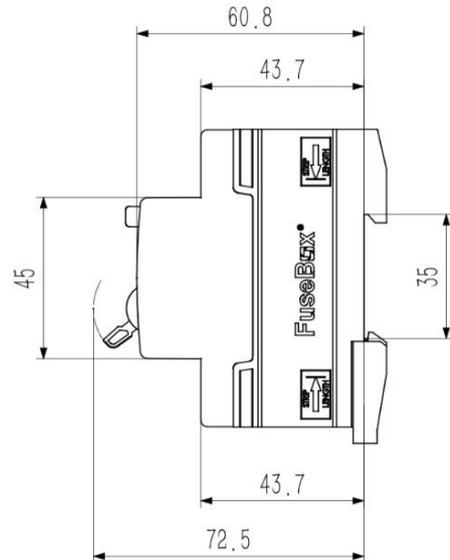


RTF series

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

DESCRIPTION

2P

RTF250302

25A 30mA 2P RCD TYPE F

RTF400302

40A 30mA 2P RCD TYPE F

RTF630302

63A 30mA 2P RCD TYPE F

RTF800302

80A 30mA 2P RCD TYPE F

RTF100302

100A 30mA 2P RCD TYPE F

WEIGHT (1PC) Kg

2.5 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			
		Waveform definition	Waveform	type F	
					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 (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 ²			
	Recommended tightening torque	2.5Nm			
	Mounting	35mm DIN rail			