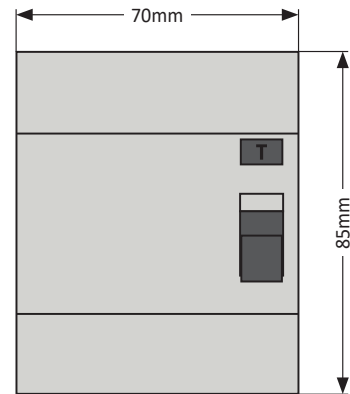
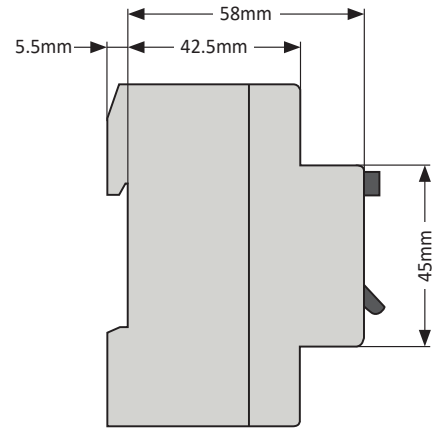


## CtecX3B Type B RCCBs

EN 61008  
EN 62423

25A - 80A



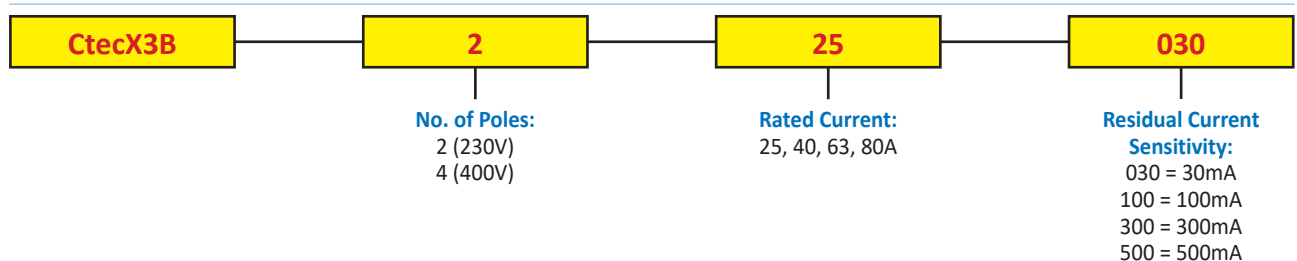
The CtecX3B range is a Type B RCD suitable for use on 50 and 60Hz networks where pulsating DC, smooth DC or high frequency AC residual currents may occur.

Designed to operate in applications such as; Frequency Inverters, Medical Devices, Universal Power Supplies, Mobile Installations, Lifts, Electric Vehicle Charging and similar applications.

### CtecX3B Technical Specification

Number of Poles	2	4
Rated Voltage ( $U_n$ )	230V	400V
Rated Impulse Withstand Voltage ( $U_{imp}$ )	4kV	
Rated Frequency (f)	50/60Hz	
Rated Current ( $I_n$ )	25, 40, 63, 80A	
Rated Residual Operating Current ( $I_{\Delta n}$ )	30, 100, 300, 500mA	

### CtecX3B Ordering Scheme

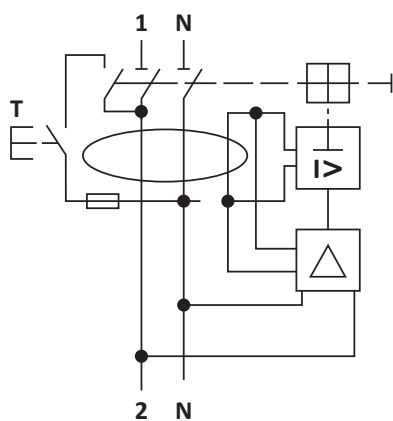


### CtecX3B Technical Specification (Continued)

Frequency Response Range (f)	0 - 1000Hz
Rated Making and Breaking Capacity = Rated Residual Making and Breaking Capacity $(I_m = I_{dm})$	800A
Back-Up Fuse	63A ( $I_n = 25 - 40A$ )
	80A ( $I_n = 63, 80A$ )
Breaking Capacity	10kA
Cable Size	1mm <sup>2</sup> - 35mm <sup>2</sup>
Maximum Break Times	$1 \times I_{\Delta n} \leq 300ms$
	$5 \times I_{\Delta n} \leq 40ms$
Minimum Non Operating Times	10ms
Line Connection	Top or Bottom
Ambient Operating Temperature	-25°C to +55°C (80A to +40°C)
Storage Temperature	-30°C to +60°C
Terminal Tightening Torque	2.0Nm
Standards	IEC/EN 61008, IEC/EN 62423

### CtecX3B Circuit Diagrams

2 Pole



4 Pole

