

2 & 4 POLE TYPE B RCCB

MAIN FEATURES

- Complies with IEC62423 (EN62423)
- Current ratings 20A to 63A
- Available as 2 pole & 4 pole RCCB
- Residual current ratings: 30, 100 & 300 mA
- In-rush current withstand: 14I Δ n Peak
- Hybrid (Voltage Dependant & Voltage Independent)



OPTIONS

- Available as a Voltage Dependent (VD)



BENEFITS

- Detects and protects against smooth DC current
- Provide protection against any type of earth fault current
 - Sinusoidal AC to 1kHz
 - Pulsating DC
 - Smooth DC
 - Composite AC (10Hz, 50Hz & 1kHz)
- 2P & 4P products available
- Type B RCCB have a higher level of immunity to nuisance tripping, having the ability to withstand 3kA surge currents without tripping

GENERAL PARAMETERS	
Rated Voltage AC (Un)	230Vac (2 pole) & 400 Vac (4 pole)
Rated Frequency	50Hz
Type A Functionality	Functionally independent of line voltage (Classification 4.1.1 in EN61008)
Type B Functionality	<ul style="list-style-type: none"> Functionally dependent on line voltage Operating voltage range: 50V to 1.1Un
Number of Poles	2 poles/ 4 poles

ELECTRICAL & MECHANICAL PARAMETERS	
Rated Residual Current (IΔn)	0.03A, 0.10A and 0.30A
Rated Load Current (In)	20A to 63A
Connections to Line side	Top terminals
Rated making and Breaking Capacity (Im)	630A
Conditional Short-Circuit Capacity (Inc)	6000A
Rated Impulse Withstand Voltage	4kV
Electrical and Mechanical Endurance	4000 operations
Operating Temperature Range	-5°C to 40°C / -25°C per Clause 9.Z1 of EN61008
Residual Current Operating Frequency Range	Type B: DC to 1,000Hz
Trip Time Characteristic	General Type (Non Delayed)
Test Means	Test Circuit / Button
Test Circuit Operating Voltage	>0.85Un Phase to Neutral
Degree of Protection	IP20
Pollution Degree	2
Mechanical Dimensions	4 Pole – Width:72mm, Height: 86.5mm 2 Pole - Width: 36mm, Height: 86.5mm
Mounting	DIN rail (EN60715)
Storage Conditions Relative Humidity (Non-condensing) Storage Temperature	95% Maximum -30°C to +85°C