



Type B Residual Current Circuit Breaker(RCCB)

Description & Features

W brand Type B RCCBs provide protection against DC residual fault currents, and against AC residual fault currents up to 1000 hertz. They comply with IEC/EN 61008-1 and IEC/EN 62423.Applications included: EV & PV installations, frequency converters, UPS installations, high-frequency power converters, building site power supply cabins.

Technical Data

Poles		2P	4P
Rated current(A)	In	25,40,63	25,40,63
Rated working voltage(V)	Ue	230/240	400/415
Rated insulated voltage (V)	Ui	500	500
Impulse withstand voltage(kV)	Uimp	4.5	
Rated short circuit breaking capacity (kA)	Inc	10	
Rated Residual Current(mA)	IΔn	30	
Rated Residual making and breaking capacity(A)	IΔm	1000	
Residual current protection type		Electromagnetic(A type magnetic and B type electronic)	
Sensitivity to residual current		B type- residual AC, Pulsating and smooth DC current, high frequency(1kHz)	
Surge current proof (A)		3000	
Service life (O-C)	Mechanical	Standard value	4000
	Electrical	Standard value	2000
Connection and Installation			
Ambient temperature(with daily averages≤35℃)		-25℃~+40℃	
Protection degree	All Sides	IP40	
	Connection terminal	IP20	
Wire(mm²)		35	
Busbar(mm²)		35	
Mounting		Cable/Busbar	
Reference temperature for setting of thermal element		30	
Pollution degree		2	
Storage temperature(℃)		-25℃~+40℃	

Part No	Description	Qty
WEV240B-030	2 Pole 40Amps 30mA Type B RCCB (3 module)	40
WEV263B-030	2 Pole 63Amps 30mA Type B RCCB (3 module)	40
WEV440B-030	4 Pole 40Amps 30mA Type B RCCB (4 module)	40
WEV463B-030	4 Pole 63Amps 30mA Type B RCCB (4 module)	40

