

Type B RCDs

Advanced Type B Protection for EV, Renewable Applications & Heat Pumps*

Engineered for today's evolving electrical infrastructure, our bi-directional Type B RCD range delivers advanced protection against AC, pulsating DC, smooth DC residual currents and multi-frequency currents from 50 Hz up to 1 kHz. Ideal for renewable energy systems, EV charging, inverter-driven equipment, and battery storage applications.

Specifications

Breaking capacity	10kA
Frequency Response Range	0-1000Hz
Rated voltage (1P+N)	230V
Rated voltage (3P+N)	400V
Frequency	50/60Hz

Terminal capacity (S)	1-35mm ²
Recommended Torque	3 Nm
Ambient Temperature	-5 °C to +40 °C
Standards	IEC/EN 61008 IEC/EN 62423

1P + N

Single-phase applications

Rating	Product Code
25A	CPR1025--BN
40A	CPR1040--BN
63A	CPR1063--BN
80A	CPR1080--BN

-- Tripping current:

03 - 30mA
10 - 100mA
30 - 300mA**

Example
CPR1025**03**BN

3P + N

Three-phase applications

Rating	Product Code
25A	CPR1025--B3N
40A	CPR1040--B3N
63A	CPR1063--B3N
80A	CPR1080--B3N

-- Tripping current:

03 - 30mA
10 - 100mA
30 - 300mA**

Example
CPR1025**03**B3N



* Always consult the heat pump manufacturer's latest technical documentation and installation instructions.

** Available on request



Visit our
website

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