

Residual Current Circuit Breakers

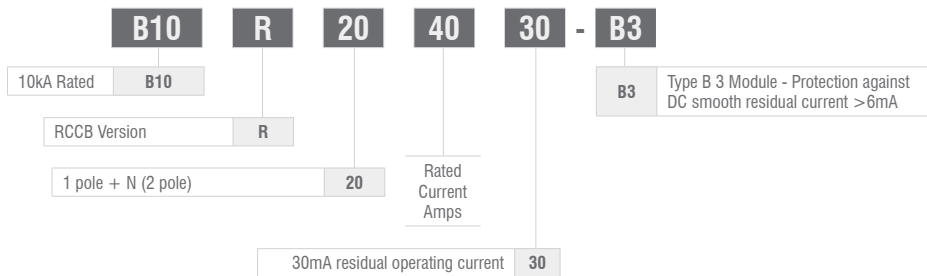
B10R (B Type)

The IMO range of Residual Current Circuit Breakers have been designed for protection of electrical installations against earth fault / leakage current and are manufactured in accordance with IEC 61008-1 and IEC 62423.

Type B RCCBs are able to provide protection in case of alternating residual sinusoidal current up to 1kHz, pulsating direct residual currents and smooth direct residual currents. Additionally, Type B RCCBs provide protection if the smooth DC residual current exceeds 6mA.



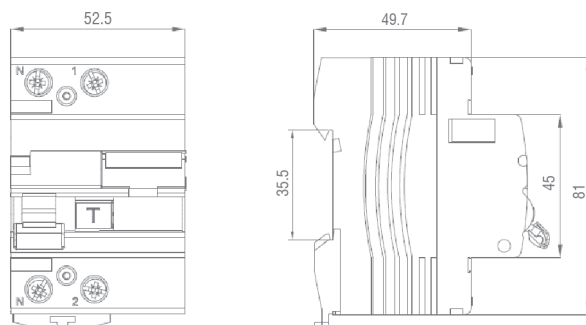
Options & Ordering Codes



Specifications

In accordance with:	IEC 61008-1 and IEC 62423
Certification:	CE
Pole composition:	1P + N
Rated current:	40A
Residual current characteristics:	B
Calibration Temperature:	+30°C
Rated frequency:	50/60Hz
Rated voltage:	230VAC
Rated residual operating current:	30mA
Residual DC Smooth Current:	6mA
Residual tripping current range:	0.5 ~ 1A
Rated conditional short circuit current:	10kA
Electrical lifetime:	> 4,000 cycles
Fastening torque:	2.0Nm
Terminal capacity:	35mm ² solid, 25mm ² stranded conductor
Mounting:	on rail EN 60715 (EN 50022)
Protection degree:	IP20
Operating temperature:	-25°C - +55°C

Dimensions (mm)



Wiring Diagram

