

**Protection
Circuit protection**



002106

- The sing-phase 002106 self-contained residual current device carries out complete protection of final circuits:
- Proagainst short-circuits and cable overloads
- Protection of persons against electric shock by direct contact (10, 30 mA sensitivities).
- Protection of persons against electric shock by indirect contact (100 mA sensitivity).
- Protection of equipment ageinst fiers set by leakage currents (100 mA sensitivity).

Main

Product or component type	Residual current with over current
Device application	Distribution
Poles discription	1P+N
Number of protected poles	2
Network type	AC
Rat residual operationg current (ma)	10 , 30 , 100
Rated frequency	50/60Hz
Curve code	B/C
Breaking capacity	6kA

Complementary

(Ue) rated operational voltage	110 V , 230/240V, 380/400V AC
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Cilp-on
Mountiong support	DIN rail 35mm
Colour	Grey
Electro-mechanical endurance	≥20,000 cycles

Environment

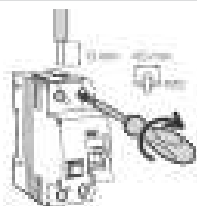
Standards	IEC 61009 , EN61009 , AS/NZS 61009-1
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Operating altitude	2000 m
Ambient temperature for operation	-5 C to +60 C
Ambient temperature for storage	-40 C to +85 C

Catlogue numbers

002106	RCBO					
1P + N	AC					
B curve	Voltage rating (V)	Sensivity (Ien)	10 mA	30 mA	100 mA	Width in 9 mm modules
		6A	002106/1N/B6/003	002106/1N/B6/003		
		10A	002106/1N/B10/003	002106/1N/B10/003	-	
		16A	002106/1N/B16/003	002106/1N/B16/003	-	
	230V	20A	002106/1N/B20/003	002106/1N/B20/003	-	
	240V	25A	002106/1N/B25/003	002106/1N/B25/003	-	
		32A	002106/1N/B32/003	002106/1N/B32/003	-	
		40A	002106/1N/B40/003	002106/1N/B40/003	-	
		63A	002106/1N/B63/003	002106/1N/B63/003	-	
	Voltage rating (V)	Sensivity (Ien)	10 mA	30 mA	100 mA	
		6A	-	002106/1N/C6/003	-	
		10A	-	002106/1N/C10/003	-	
		16A	-	002106/1N/C16/003	-	
	110V	20A	-	002106/1N/C20/003	-	
		25A	-	002106/1N/C25/003	-	
		32A	-	002106/1N/C32/003	-	
		6A	002106/1N/C6/003	002106/1N/C6/003	002106/1N/C6/003	
		10A	002106/1N/C10/003	002106/1N/C10/003	002106/1N/C10/003	
		16A	002106/1N/C16/003	002106/1N/C16/003	002106/1N/C16/003	
	230V	20A	002106/1N/C20/003	002106/1N/C20/003	002106/1N/C20/003	
	240V	25A	002106/1N/C25/003	002106/1N/C25/003	002106/1N/C25/003	
		32A	002106/1N/C32/003	002106/1N/C32/003	002106/1N/C32/003	
		40A	002106/1N/C40/003	002106/1N/C40/003	002106/1N/C40/003	
		63A	002106/1N/C63/003	002106/1N/C63/003	002106/1N/C63/003	

Catlogue numbers

Rating	Tightening torque	Copper cables	Flexible or ferrule
		Rigid	
1 to 25 A	2 N.m	1 to 25 mm	1 to 16 mm
32 to 63 A	2.5 N.m	1 to 35 mm	1 to 25 mm



Dimensions (mm)

