



IEC 61009-1,  
IEC 61009-2-2,  
BS EN 61009-1  
AS/NZS 61009.1

- The single-phase iC60H RCBO's self-contained residual current device carries out complete protection of final circuits:
  - protection against 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 against fires set by leakage currents (100 mA sensitivity).
- The neutral is not interrupted when the device is tripped. Hence iC60H RCBO can be used on most circuits, except for the ones operating under TT or IT earthing systems.

### Alternating current (AC) 50/60 Hz

Breaking capacity ( $I_{cn}$ ) according to IEC 61009-1

Ph/N	Voltage ( $U_e$ )	
	110 V	240 V
Rating ( $I_n$ )	6 to 45 A	10000 A

### Accessory

#### Padlocking device

- Used to lock the toggle in the "open" or "closed" position by 4 mm diameter padlock (not supplied).

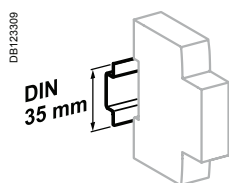
## Catalogue numbers

iC60H RCBO 10000				A			Width in 9-mm modules		
1P+N									
<small>DB405038</small> 	240	Rating ( $I_n$ )	Sensitivity ( $I_{\Delta n}$ )	10 mA	30 mA	100 mA	2		
			6 A	-	A9D31806	-			
			10 A	-	A9D31810	-			
			16 A	-	A9D31816	-			
			20 A	-	A9D31820	-			
			25 A	-	A9D31825	-			
			32 A	-	A9D31832	-			
			40 A	-	A9D31840	-			
<small>DB405038</small> 	110	Rating ( $I_n$ )	Sensitivity ( $I_{\Delta n}$ )	10 mA	30 mA	100 mA	2		
			10 A	-	A9D19810	-			
			16 A	-	A9D19816	-			
			20 A	-	A9D19820	-			
			25 A	-	A9D19825	-			
			32 A	-	A9D19832	-			
			240	Rating ( $I_n$ )	6 A	A9D10806		A9D11806	A9D12806
					10 A	A9D10810		A9D11810	A9D12810
	16 A	A9D10816			A9D11816	A9D12816			
	20 A	A9D10820			A9D11820	A9D12820			
	25 A	A9D10825			A9D11825	A9D12825			
	32 A	A9D10832			A9D11832	A9D12832			
	40 A	A9D10840			A9D11840	A9D12840			
	45 A	A9D10845			A9D11845	A9D12845			
	Operating frequency				50...60 Hz				

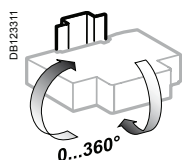
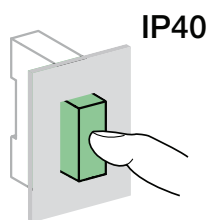
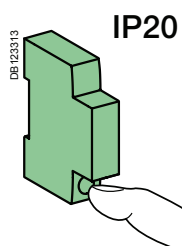
Accessory	
Type	
Padlocking device (bag of 10 pieces)	A9A27049

## Technical data

Main characteristics		iC60H RCBO
Insulation voltage (Ui)		
Rated impulse withstand voltage (Uimp)		
Rated residual operating current (IΔn)		10, 30, 100 mA
Thermal tripping	Reference temperature	
Temperature derating		
Limitation class		
Surge current withstand (8/20 μs) without tripping		
Rated nominal breaking capacity (Icn)		10,000 A
Phase/earth rated residual breaking and making capacity (IΔm)		7,500 A
Additional characteristics		
Degree of protection	Device only	
	Device in modular enclosure	
Endurance (O-C)	Electrical	
	Mechanical	
Operating temperature		
Storage temperature		
Tropicalization		



Clip on DIN rail 35 mm.



Indifferent position of installation.

## Weight (g)

iC60 RCBO	
iC60N RCBO	205
iC60H RCBO	205
iC60H2 RCBO	332

## Dimensions (mm)

