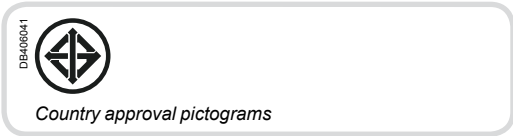


QOvs RCBO add-on residual current devices 10000 A and 6000 A



IEC 61009-1
IEC 61009-2-2



- The QOvs RCBO residual current devices provide complete protection for final circuits (against overcurrents and insulation faults):
 - protection for users against electric shocks by direct contacts (10 and 30 mA),
 - protection of the installations against fire risks.

Catalogue numbers

QOvs RCBO			6000		10000	
Type			AC		AC	
1P+N	Curve C	Sensitivity	10 mA	30 mA	10 mA	30 mA
	Rating	10 A	QO110C06RCBO10	QO110C06RCBO30	QO110C10RCBO10	QO110C10RCBO30
		16 A	QO116C06RCBO10	QO116C06RCBO30	QO116C10RCBO10	QO116C10RCBO30
		20 A	QO120C06RCBO10	QO120C06RCBO30	QO120C10RCBO10	QO120C10RCBO30
		32 A	QO132C06RCBO10	QO132C06RCBO30	QO132C10RCBO10	QO132C10RCBO30
		40 A	QO140C06RCBO10	QO140C06RCBO30	QO140C10RCBO10	QO140C10RCBO30
		50 A	QO150C06RCBO10	QO150C06RCBO30	QO150C10RCBO10	QO150C10RCBO30
Voltage rating (Ue)			230/240 V AC			
Operating frequency			50 Hz ± 5%			

Plug-on system

- Fast, easy installation
- No connection errors
- Safety

- Fast contact closure

Disconnection

- Positive contact indication

Test "T"

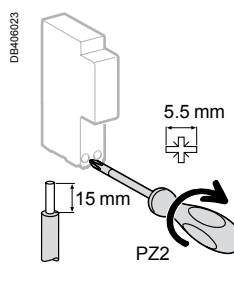
- Operating test button, on the front panel



QOvs RCBO add-on residual current devices (cont.)

10000 A and 6000 A

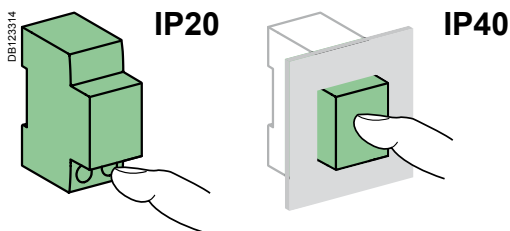
Connection



Rating	Tightening torque	Copper cables	
		Rigid	Flexible or ferrule
10 to 50 A			
L and N out	2 N.m	1 to 16 mm ²	1 to 10 mm ²
L in	Plug-on type		

Technical data

Main characteristics		QOvs RCBO 6 kA	QOvs RCBO 10 kA
Earth leakage protection with instantaneous tripping	10 mA	Depending on the voltage	
	30 mA		
Setting temperature for ratings		40°C	
Tripping curve	Curve C	The magnetic tripping devices act at between 5 and 10 I _n	
Rated breaking capacity (I _{cn})		6000 A	10,000 A
Rated residual breaking and making capacity (I _{Δm})		6000 A	7500 A
Minimum operating voltage of test button		187 V AC	
Endurance (O-C)	Electrical	5000 cycles	
	Mechanical	20,000 cycles	
Degree of protection	Device only	IP20	
	Device in modular enclosure	IP40 Insulation class II	
Insulation voltage (U _i)		400 V	
Rated impulse withstand voltage (U _{imp})		4 kV	
Operating temperature		-15°C to +60°C	
Storage temperature		-40°C to +85°C	
Surge current withstand (8/20 μs) without tripping	30 mA	250 Å	
Limitation class		3	
Insulation class		2	
Tropicalization		Treatment 2 (relative humidity 95 % to 55°C)	



Weight (g)

Add-on residual current devices		
Type	QOvs RCBO 6 kA	QOvs RCBO 10 kA
1P+N	180	180

Dimensions (mm)

