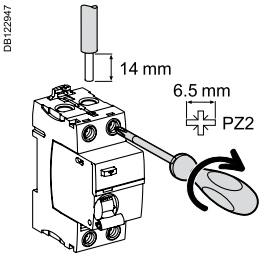
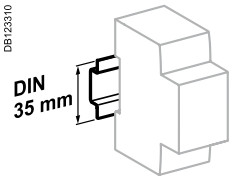
iID residual current circuit breakers (AC, A, *SI* types)

Connection

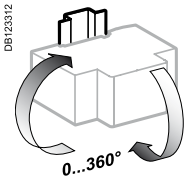


Type	Tightening torque	Without accessory: Copper cables – Rigid	Without accessory: Copper cables – Flexible or with ferrule	With accessories*: 50 mm² Al terminal	With accessories*: Screw-on connection for ring terminal	With accessories*: Multi-cables terminal – Rigid cables	With accessories*: Multi-cables terminal – Flexible cables
		DB122945	DB122946	DB122935 Al	DB118789 Ø	DB118787	
iID	3.5 N.m	1 to 35 mm²	1 to 25 mm²	50 mm²	Ø 5 mm	3 x 16 mm²	3 x 10 mm²

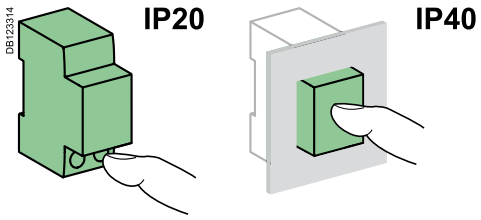
** See module CA907000*



Clip on DIN rail 35 mm.



Indifferent position of installation.



Technical data

Main characteristics			
Insulation voltage (Ui)			500 V
Pollution degree			3
Rated impulse withstand voltage (Uimp)			6 kV
According to IEC/EN 61008-1 and IEC/EN 61008-2-1			
Making and breaking capacity (Im/IΔm)			1500 A
Surge current withstand (8/20 µs) without tripping	AC and A types (no selective Ⓢ)		250 Â
	AC, A types (selective Ⓢ)		3 kÂ
	SI type		3 kÂ
Conditional rated short circuit current (Inc/IΔc)	With iC60N/H/L		Equal to breaking capacity of iC60
	With fuse 100 A		10,000 A
Behaviour in case of voltage drop			Ensure residual current protection down to 0 V
Additional characteristics			
Degree of protection	Device only		IP20
	Device in modular enclosure		IP40 Insulation classe II
Endurance (O-C)	Electrical (AC1)	16 to 63 A	15,000 cycles
		80 to 100 A	10,000 cycles
	Mechanical		20,000 cycles
Operating temperature	AC type		-5°C to +60°C
	A and *SI* types -25°C		-25°C to +60°C
Storage temperature			-40°C to +85°C

Weight (g)

Residual current circuit breakers	
Type	**iID**
2P	210
4P	370

Dimensions (mm)