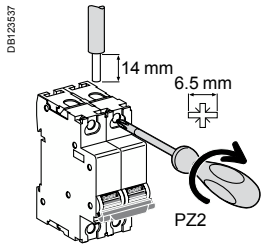


Instruction Sheet

Acti 9 C60H-DC

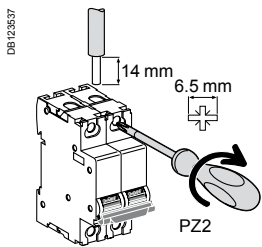
C curve

Connection

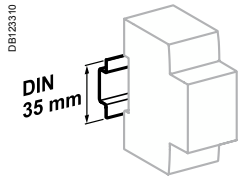


Rating	Tightening torque	Without accessory		With accessories			
		Copper cables	50 mm ² Al terminal	Screw-on connection for ring terminal	Multi-cables terminal		
		Rigid / Stranded	Flexible or with ferrule		Rigid cables	Flexible cables	
≤ 25 A	2.5 N.m	DB122945	DB122946	DB122935	DB118789	DB118787	
> 25 A	3.5 N.m	1 to 25 mm ²	1 to 16 mm ²	-	Ø 5 mm	-	
		1 to 35 mm ²	1 to 25 mm ²	50 mm ²		3 x 16 mm ²	3 x 10 mm ²

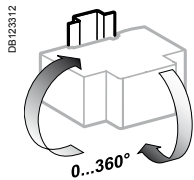
Multi-cables connection



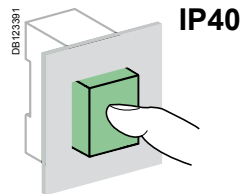
Rating	Tightening torque	Without accessory		3 Multi-cables / Different wires	
		2 Copper cables	3 Multi-cables / Different wires	Flexible / Stranded	Flexible / Stranded / Rigid
		Rigid / Stranded	Flexible or with ferrule		
≤ 25 A	2.5 N.m	DB122945	DB122946	DB118787	
> 25 A	3.5 N.m	2 x 1 mm ² to 2 x 10 mm ²	3 x 1 mm ²	2 x 2.5 mm ² + 1 x 1.5 mm ²	
		2 x 1 mm ² to 2 x 16 mm ²	3 x 4 mm ²	2 x 10 mm ² + 1 x 6 mm ²	



Clip on DIN rail 35 mm.



Indifferent position of installation.



IP40



Technical data

- Tripping curves: C curve - Overcurrent protection for any type of application.
- Positive break indication - the green strip indicates that all the poles are open and allows work to be carried out on the downstream circuit in complete safety.
- Suitable for isolation as defined in IEC 60947-2.
- Increase in the service life of the product: thanks to fast closure independent of the speed of action on the handle.
- Current limitation in the event of a fault: fast opening of the contacts prevents the loads from being destroyed in the event of a short-circuit.

Main characteristics		
According to IEC 60947-2		
Insulation voltage (Ui)		500 V DC
Rated voltage (Un)	1P	250 V DC
	2P	500 V DC
Operating voltage (Ue)	1P	24...250 V DC
	2P	24...500 V DC
Pollution degree		3
Rated impulse withstand voltage (Uimp) under frame		6 kV
Magnetic tripping (Ii)		8.5 In (± 20 %) (compatible with curve C)
Additional characteristics		
Degree of protection (IEC 60529)	Device in modular enclosure	IP40
Utilization category		A (no delay in accordance with IEC 60947-2 standards)
Endurance (O-C)	Electrical	3,000 cycles (where L/R=2 ms)
	Mechanical	6,000 cycles where the circuit is resistive
Tropicalization (IEC 60068-2)		20,000 cycles
Operating temperature		Treatment 2 (relative humidity 95 % at 55°C)
Storage temperature		-25°C to 70°C
		-40°C to 85°C



Failure to match polarity during connection may lead to a fire hazard and/or serious injury.

- The connection polarity must be observed (marked on the front panel).
- Use only with direct current.

Instruction Sheet

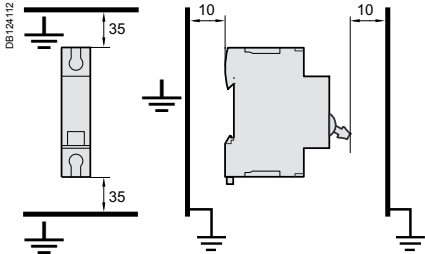
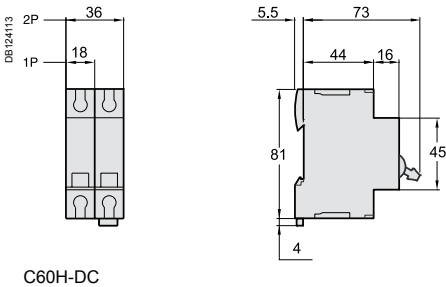
C60H-DC

C curve

Weight (g)

Circuit-breaker	
Type	C60H-DC
1P	128 g
2P	256 g

Dimensions (mm)



Details of minimum distance between circuit-breaker and earthed metal parts for circuit-breaker intended for use without enclosure.