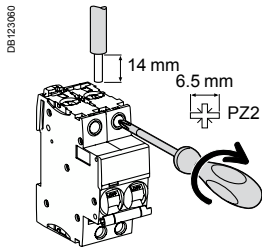
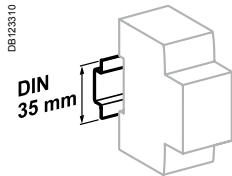


# iC60H circuit breakers (curve B, C, D)

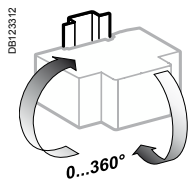
## Connection



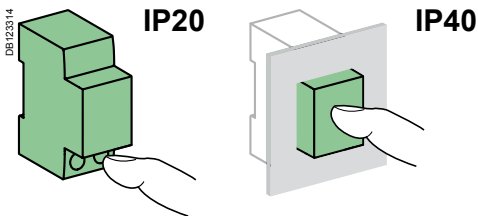
Rating	Tightening torque	Without accessory		With accessories			
		Copper cables		50 mm <sup>2</sup> Al terminal	Screw-on connection for ring terminal		
		Rigid	Flexible or with ferrule		Rigid cables	Flexible cables	
0.5 to 25 A 32 to 63 A	2 N.m 3.5 N.m	DB122945 1 to 25 mm <sup>2</sup>	DB122946 1 to 16 mm <sup>2</sup> 1 to 25 mm <sup>2</sup>	DB122935 AI 50 mm <sup>2</sup>	DB118789 Ø 5 mm	DB118787 3 x 16 mm <sup>2</sup>	- 3 x 10 mm <sup>2</sup>



Clip on DIN rail 35 mm.



Indifferent position of installation.



## Technical data

Main characteristics		
According to IEC/EN 60947-2		
Insulation voltage (U <sub>i</sub> )		500 V AC
Pollution degree		3
Rated impulse withstand voltage (U <sub>imp</sub> )		6 kV
Thermal tripping	Reference temperature	50 °C
	Temperature derating	See module CA908007
Magnetic tripping	B curve	4 I <sub>n</sub> ± 20 %
	C curve	8 I <sub>n</sub> ± 20 %
	D curve	12 I <sub>n</sub> ± 20 %
Utilization category		A
According to IEC/EN 60898-1		
Limitation class		3
Rated making and breaking capacity of an individual pole (I <sub>cn1</sub> )		I <sub>cn1</sub> = I <sub>cn</sub>
Additional characteristics		
Breaking capacity under 1 pole with IT 380-415 V isolated neutral system (case of double fault)	40 A	4 kA
	50/63 A	3 kA
Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40 Insulation class II
Endurance (O-C)	Electrical	10,000 cycles
	Mechanical	20,000 cycles
Overvoltage category (IEC 60364)		IV
Operating temperature		-35°C to +70°C
Storage temperature		-40°C to +85°C
Tropicalization (IEC 60068-1)		Treatment 2 (relative humidity 95 % to 55°C)

## Weight (g)

Circuit-breaker	
Type	iC60H
1P	125
2P	250
3P	375
4P	500

## Dimensions (mm)

