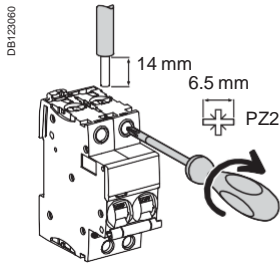


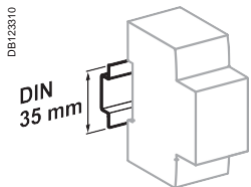
Instruction Sheet

iC60N circuitbreakers (curve B, C, D) (cont.)

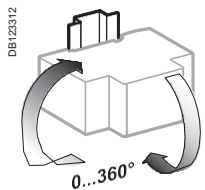
Connection



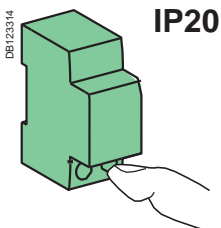
Rating	Tightening torque	Without accessory		With accessories			
		Copper cables		50 mm ² Al terminal	Screw-on connection for ring terminal	Multi-cables terminal	
		Rigid	Flexible or with ferrule			Rigid cables	Flexible cables
0.5 to 25 A	2 N.m						-
32 to 63 A	3.5 N.m	1 to 25 mm ²	1 to 16mm ²	-	∅ 5 mm	-	-
		1 to 35 mm ²	1 to 25mm ²	50 mm ²		3 x 16 mm ²	3 x 10 mm ²



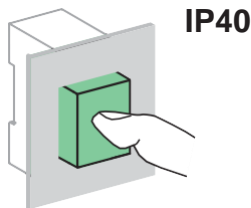
Clip on DIN rail 35 mm.



Indifferent position of installation.



IP20



IP40

Technical data

Main characteristics

According to IEC/EN 60947-2

Insulation voltage (U _i)	500 VAC	
Pollution degree	3	
Rated impulse withstand voltage (U _{imp})	6 kV	
Thermal tripping	Reference temperature	50 °C
	Temperature derating	See module CA908007
Magnetic tripping	B curve	4 I _n ± 20 %
	C curve	8 I _n ± 20 %
	D curve	12 I _n ± 20 %
Utilization category	A	

According to IEC/EN 60898-1

Limitation class	3
Rated making and breaking capacity of an individual pole (I _{cn1})	I _{cn1} = I _{cn}

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
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	iC60N
1P	125
2P	250
3P	375
4P	500

Dimensions (mm)

