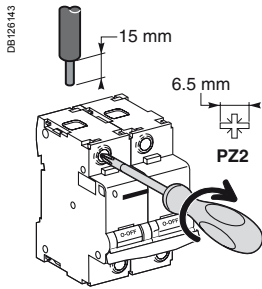


Instruction Sheet

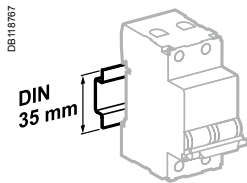
C120N circuit breakers (curves B, C, D)

Connection

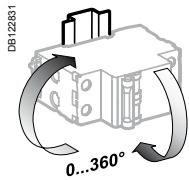


Rating	Tightening torque	Without access.		With accessories		
		Rigid/semi-rigid	Flexible or with ferrule	50 mm ² Al Terminal	Screw-on connection for ring terminal ⁽¹⁾	Multi-cable terminal
		DB122945	DB122946	DB122935	DB118789	DB118787
63 to 125 A	3.5 N.m	1.5 to 50 mm ²	1.5 to 35 mm ²	16 to 50 mm ²	Ø 5 mm	3 x 16 mm ² 3 x 10 mm ²

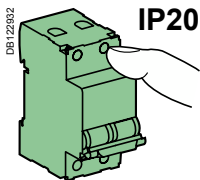
(1) For lugs up to 63 A, front or rear access.



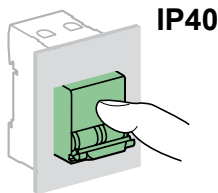
Clips onto 35 mm DIN rail.



Any installation position.



IP20



IP40

Technical data

Main characteristics			
To IEC/EN 60947-2			
Insulation voltage (Ui)		500 V AC	
Degree of pollution		3	
Rated impulse withstand voltage (Uimp)		6 kV	
Thermal tripping	Reference temperature	50°C	
To IEC/EN 60898-1			
Magnetic tripping	Curve B	3 and 5 In	
	Curve C	5 and 10 In	
	Curve D	10 and 14 In	
Limitation class		3	
Additional characteristics			
Degree of protection (IEC 60529)	Device only	IP20	
	Device in a modular enclosure	IP40	
Endurance (O-C)	Electrical	63 A	10000 cycles (O-C)
		80...125 A	5000 cycles (O-C)
	Mechanical		20000 cycles
Operating temperature			-30°C to +70°C
Storage temperature			-40°C to +80°C
Tropicalisation (IEC 60068-1)			Treatment 2 (relative humidity 95 % at 55°C)

Weight (g)

Circuit breaker	
Type	C120N
1P	205
2P	410
3P	615
4P	820

Dimensions (mm)

