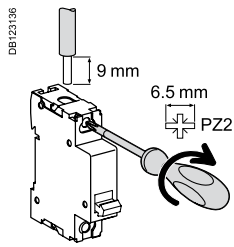


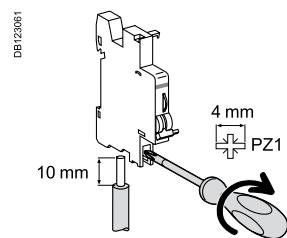






## Connection



Type	Rating	Tightening torque	Copper cables	
			Rigid	Flexible or with ferrule
iSW	40 to 125 A	3.5 N.m	 ≤ 50 mm <sup>2</sup>	 ≤ 35 mm <sup>2</sup>



Type	Tightening torque	Copper cables		Multi-cables terminal	
		Rigid	Flexible	Rigid cables	Cables with ferrule
iOF	1 N.m	 1 to 4 mm <sup>2</sup>	 0.5 to 2.5 mm <sup>2</sup>	 2 x 2.5 mm <sup>2</sup>	 2 x 1.5 mm <sup>2</sup>

## Technical data

### Main characteristics

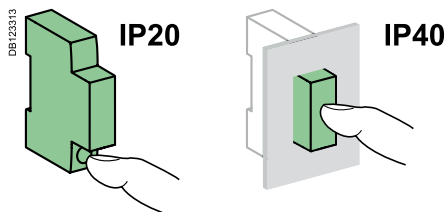
Insulation voltage (Ui)	1P: 250 V AC 2P, 3P, 4P: 500 V AC
Pollution degree	3

### Power circuit

Rated impulse withstand voltage (Uimp)	6 kV
Operating category	AC - 22 A
Permissible rated short-time withstand current (Icw)	1500 A
Conditional rated short-circuit current (Inc)	10 kA according to IEC 60947-3
Rated short-circuit closing current (Icm)	5 kA

### Additional characteristics

Degree of protection	Device only	IP20	
	Device in modular enclosure	IP40	
Endurance (O-C)	Mechanical	Insulation class II	
		20,000 cycles	
		40 A - 63 A	15,000 cycles
		80 A - 100 A	10,000 cycles
Operating temperature	Electrical	125 A	2 500 cycles
		-25°C to +60°C	
Storage temperature		-40°C to +85°C	
Tropicalization		Treatment 2 (relative humidity 95% at 55°C)	



### iOF characteristics

Rated voltage (Ue)	240...415 V AC	
	24...130 V DC	
Operating frequency	50/60 Hz	
Operating current	24 V DC	6 A
	48 V DC	2 A
	60 V DC	1.5 A
	130 V DC	1 A
	240 V AC	6 A
	415 V AC	3 A
Number of contacts	1 NO/NC	
Operating temperature	-35°C to +70°C	
Storage temperature	-40°C to +85°C	