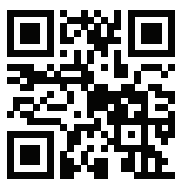


## 9 Series

Final level of protection in electrical distribution

# M9/Multi 9

Multistandard protection for OEMs,  
residential and industry



[www.altech-electric.com](http://www.altech-electric.com)

**Schneider**  
Electric

spectre



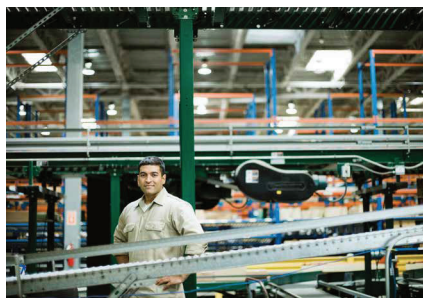


# M9/Multi9

## Modular protection for OEMs, residential and industry

M9 (the same old Multi9™ by Schneider Electric) is a range of DIN rail modular devices, a solution offering great performance. M9 (Multi9) is a Spectre Electric offer dedicated to OEMs and all residential and industrial sectors, meeting the major standards for industry applications.

Designed to meet your needs for most types of panels and machines, offering a wide range of modular devices it provides protection, signaling functions and accessories.



## Miniature Circuit Breakers

IEC/EN 60947-2: 10 kA, IEC 60898: **6000 A**

C60N - B and C curves



C60N 1P



C60N 2P



C60N 3P



C60N 4P



### Function

■ The circuit-breakers combine the following functions:

- ☐ protection of circuits against short-circuit currents
- ☐ protection of circuits against overload currents
- ☐ control
- ☐ isolation

C60N circuit breakers are used in the tertiary and industrial sectors.

### Technical data according to IEC 60898

■ Power circuit:

- ☐ voltage rating (Ue): 440 V AC
- ☐ breaking capacity:
  - according to IEC 60898, Icn ultimate breaking capacity (O-CO cycle):

Rating (A)	Type	Voltage (V)	Breaking capacity Icn (A)
2...63	1P	230/400	6000
	2P, 3P, 3P+N, 4P	400	6000

- ☐ limitation class (IEC 60898): 3.

### Technical data according to IEC 60947-2

■ Power circuit:

- ☐ voltage rating (Ue): 440 V AC
- ☐ impulse voltage (Uimp): 6 kV
- ☐ insulation voltage (Ui): 500 V AC
- ☐ breaking capacity:
  - according to IEC 60947-2, Icu ultimate breaking capacity (O-CO cycle):

Alternating current (AC) 50/60 Hz					
Ultimate breaking capacity (Icu) as per IEC/EN 60947-2					Service breaking capacity (Ics)
	Voltage (Ue)				
Ph/Ph (2P, 3P, 4P)	240 V	415 V	-	440 V	
Ph/N (1P)	-	240 V	415 V	-	75 % of Icu
Rating (In) 1 to 63 A	20 kA	10 kA	3 kA(*)	6 kA	
i <sub>tr</sub>	1.2 x 12 In				

(\*) Breaking capacity under 1 pole with IT isolated neutral system (case of double fault).

Direct current (DC)					
Breaking capacity (Icu) according to IEC/EN 60947-2					Service breaking capacity (Ics)
	Voltage (Ue)				
Between +/-	≤ 60 V	≤ 125 V	≤ 125 V	≤ 250 V	
Number of poles	1P	2P	3P	4P	
Rating (In) 1 to 63 A	15 kA	20 kA	30 kA	40 kA	100 % of Icu

### General technical data



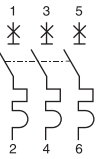


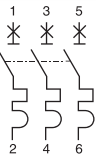
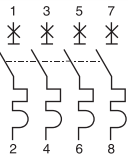
- Fast closing: allows the high inrush currents of some loads to be better held.
- Isolation with positive break indication: opening is indicated by a green strip on the device operating handle. This indicator shows opening contacts of all the poles.
- Number of cycles (O-C): 20000.
- Environment:
  - ☐ tropicalisation: treatment 2 (relative humidity: 95 % at 55 °C) according to IEC 60068-1
- Connection: tunnel terminals for the following cables:
  - ☐ 16 mm<sup>2</sup> flexible or 25 mm<sup>2</sup> rigid up to 25 A ratings
  - ☐ 25 mm<sup>2</sup> flexible or 35 mm<sup>2</sup> rigid for 32 to 63 A ratings.

## Miniature Circuit Breakers



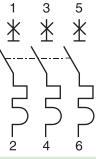


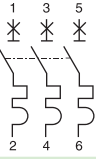
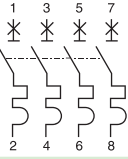
IEC/EN 60947-2: 10 kA, IEC 60898: **6000 A**  
C60N - B and C curves (cont.)

### Catalogue numbers

spectre

C60N circuit breaker								Spectre Electric
Type	1P		2P		3P		4P	
E45092			E45094			E45095		
								
Rating (In)	Curve		Curve		Curve		Curve	
	B	C	B	C	B	C	B	C
2 A	-	24396-SE	-	24332-SE	-	24345-SE	-	24358-SE
4 A	-	24398-SE	-	24334-SE	-	24347-SE	-	24360-SE
6 A	24049-SE	24399-SE	24075-SE	24335-SE	24088-SE	24348-SE	24101-SE	24361-SE
10 A	24050-SE	24401-SE	24076-SE	24336-SE	24089-SE	24349-SE	24102-SE	24362-SE
16 A	24051-SE	24403-SE	24077-SE	24337-SE	24090-SE	24350-SE	24103-SE	24363-SE
20 A	24052-SE	24404-SE	24078-SE	24338-SE	24091-SE	24351-SE	24104-SE	24364-SE
25 A	24053-SE	24405-SE	24079-SE	24339-SE	24092-SE	24352-SE	24105-SE	24365-SE
32 A	24054-SE	24406-SE	24080-SE	24340-SE	24093-SE	24353-SE	24106-SE	24366-SE
40 A	24055-SE	24407-SE	24081-SE	24341-SE	24094-SE	24354-SE	24107-SE	24367-SE
50 A	-	24408-SE	-	24342-SE	-	24355-SE	-	24368-SE
63 A	-	24409-SE	-	24343-SE	-	24356-SE	-	24369-SE
Width in 9-mm modules	2		4		6		8	

Schneider  
Electric

C60N circuit breaker								Schneider Electric
Type	1P		2P		3P		4P	
E45092			E45094			E45095		
								
Rating (In)	Curve		Curve		Curve		Curve	
	B	C	B	C	B	C	B	C
2 A	24046	24396	24072	24332	24085	24345	24098	24358
4 A	24048	24398	24074	24334	24087	24347	24100	24360
6 A	24049	24399	24075	24335	24088	24348	24101	24361
10 A	24050	24401	24076	24336	24089	24349	24102	24362
16 A	24051	24403	24077	24337	24090	24350	24103	24363
20 A	24052	24404	24078	24338	24091	24351	24104	24364
25 A	24053	24405	24079	24339	24092	24352	24105	24365
32 A	24054	24406	24080	24340	24093	24353	24106	24366
40 A	24055	24407	24081	24341	24094	24354	24107	24367
50 A	24056	24408	24082	24342	24095	24355	24108	24368
63 A	24057	24409	24083	24343	24096	24356	24109	24369
Width in 9-mm modules	2		4		6		8	

\*\*\*NOTE: Items in light grey are not produced in Iran.



## Miniature Circuit Breakers

IEC/EN 60947-2: 15 kA, IEC 60898: **10000 A**

C60H - B and C curves



spectre



C60H 1P



C60H 2P



C60H 3P



C60H 4P

### Function

■ The circuit-breakers combine the following functions:

- ☐ protection of circuits against short-circuit currents
- ☐ protection of circuits against overload currents
- ☐ control
- ☐ isolation

C60H circuit breakers are used in the tertiary and industrial sectors.

### Technical data according to IEC 60898

■ Power circuit:

☐ voltage rating (Ue): 440 V AC

☐ breaking capacity:

- according to IEC 60898, Icn ultimate breaking capacity (O-CO cycle):

Rating (A)	Type	Voltage (V)	Breaking capacity Icn (A)
2...63	1P	230/400	10000
	2P, 3P, 4P	400	10000

☐ limitation class (IEC 60898): 3.

### Technical data according to IEC 60947-2

■ Power circuit:

☐ voltage rating (Ue): 440 V AC

☐ impulse voltage (Uimp): 6 kV

☐ insulation voltage (Ui): 500 V AC

☐ breaking capacity:

- according to IEC 60947-2, Icu ultimate breaking capacity (O-CO cycle):

#### Alternating current (AC) 50/60 Hz

Ultimate breaking capacity (Icu) as per IEC/EN 60947-2

	Voltage (Ue)				Service breaking capacity (Ics)
	240 V	415 V	-	440 V	
Ph/Ph (2P, 3P, 4P)					
Ph/N (1P)	-	240 V	415 V	-	
Rating (In)	1 to 40 A	30 kA	15 kA	3 kA <sup>(*)</sup>	10 kA
i <sub>tr</sub>	1.2 x 12 In				

(\*) Breaking capacity under 1 pole with IT isolated neutral system (case of double fault).

#### Direct current (DC)

Breaking capacity (Icu) according to IEC/EN 60947-2

	Voltage (Ue)				Service breaking capacity (Ics)
	≤ 72 V	≤ 125 V	≤ 125 V	≤ 250 V	
Between +/-					
Number of poles	1P	2P	3P	4P	
Rating (In)	1 to 40 A	20 kA	25 kA	40 kA	50 kA

100 % of Icu

### General technical data

■ Fast closing: allows the high inrush currents of some loads to be better held.

■ Isolation with positive break indication: opening is indicated by a green strip on the device operating handle. This indicator shows opening contacts of all the poles.

■ Number of cycles (O-C): 20000.

■ Environment:

☐ tropicalisation: treatment 2 (relative humidity: 95 % at 55 °C) according to IEC 60068-1

■ Connection: tunnel terminals for the following cables:

☐ 16 mm<sup>2</sup> flexible or 25 mm<sup>2</sup> rigid up to 25 A ratings

☐ 25 mm<sup>2</sup> flexible or 35 mm<sup>2</sup> rigid for 32 to 63 A ratings.



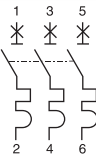
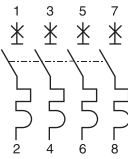
## Miniature Circuit Breakers

IEC/EN 60947-2: 15 kA, IEC 60898: **10000 A**

C60H - B and C curves (cont.)

### Catalogue numbers

spectre

C60H circuit breaker								Spectre Electric	
Type	1P		2P		3P		4P		
									
Rating (In)	Curve		Curve		Curve		Curve		
	B	C	B	C	B	C	B	C	
2 A	-	24969-SE	-	24982-SE	-	24995-SE	-	25008-SE	
4 A	-	24971-SE	-	24984-SE	-	24997-SE	-	25010-SE	
6 A	24643-SE	24972-SE	24725-SE	24985-SE	24738-SE	24998-SE	24751-SE	25011-SE	
10 A	24644-SE	24973-SE	24726-SE	24986-SE	24739-SE	24999-SE	24752-SE	25012-SE	
16 A	24646-SE	24974-SE	24727-SE	24987-SE	24740-SE	25000-SE	24753-SE	25013-SE	
20 A	24647-SE	24975-SE	24728-SE	24988-SE	24741-SE	25001-SE	24754-SE	25014-SE	
25 A	24648-SE	24976-SE	24729-SE	24989-SE	24742-SE	25002-SE	24755-SE	25015-SE	
32 A	24649-SE	24977-SE	24730-SE	24990-SE	24743-SE	25003-SE	24756-SE	25016-SE	
40 A	24650-SE	24978-SE	24731-SE	24991-SE	24744-SE	25004-SE	24757-SE	25017-SE	
50 A	-	24979-SE	-	24992-SE	-	25005-SE	-	25018-SE	
63 A	-	24980-SE	-	24993-SE	-	25006-SE	-	25019-SE	
Width in 9-mm modules	2		4		6		8		

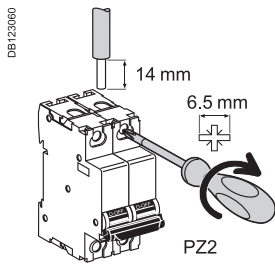




## Miniature Circuit Breakers

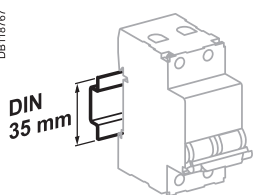
IEC/EN 60947-2: 10 kA, IEC 60898: **6000 A**  
C60N - B and C curves

IEC/EN 60947-2: 15 kA, IEC 60898: **10000 A**  
C60H - B and C curves

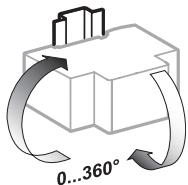
### Connection



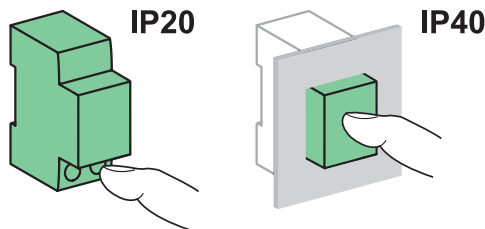
Rating	Tightening torque	Without accessory	
		Copper cables	
		Rigid, flexible or with ferrule	
			
2 to 25 A	2.5 N.m (22 lb.in)	1 to 25 mm <sup>2</sup>	AWG #18 to #3
32 to 63 A	3.5 N.m (31 lb.in)	1.5 to 35 mm <sup>2</sup>	AWG #16 to #2



Clip on DIN rail 35 mm.



Indifferent position of installation.



### Technical data

#### According to IEC/EN 60898-1

Voltage rating (Ue)	440 V AC
Thermal tripping	Reference temperature
	1.13 x I <sub>n</sub>
	1.45 x I <sub>n</sub>
Magnetic tripping (I <sub>i</sub> )	B curve
	C curve
	According to current frequency

#### 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
Magnetic tripping (I <sub>i</sub> )	B curve
	C curve
	According to current frequency

Utilization category	A
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#### Additional characteristics

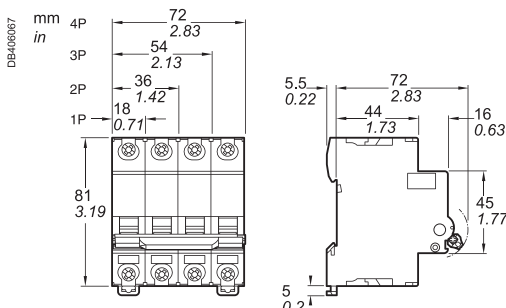
Degree of protection (IEC 60529)	Device only	IP20
	Device in modular enclosure	IP40
Endurance (O-C)	Electrical	10,000 cycles
	Mechanical	20,000 cycles
Service temperature		-30°C to +70°C / -22°F to 158°F
Storage temperature		-40°C to +80°C / -40°F to 176°F
Tropicalization (IEC 60068-1)		Treatment 2 (relative humidity 95 % at 55°C / 131°F)

### Weight (g / oz)

#### C60N , C60H

Circuit-breaker	
Type	
1P	120 g / 4.23 oz
2P	240 g / 8.46 oz
3P	360 g / 12.70 oz
4P	480 g / 16.93 oz

### Dimensions (mm / inches)



## Residual Current Devices

### IEC/EN

## RCCB ID - IEC/EN 61008-1 – Residual Current Circuit Breakers – AC type

### IEC 61008-1


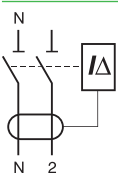
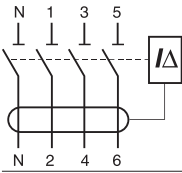
### IEC/EN 61008-1

In accordance with the above standard:

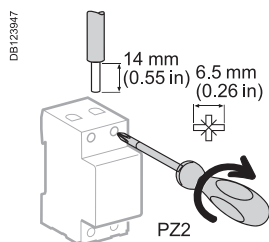
- RCCB-ID residual current circuit breakers offer the following functions:
  - protection of persons against electric shock by direct contact (30 mA),
  - protection of persons against electric shock by indirect contact (300 mA),
  - protection of installations against fire risks (300 mA).





### Catalogue numbers

RCCB-ID residual current circuit breakers								
Type		AC 					Width in 9-mm modules	
		Spectre Electric			Schneider Electric			
2P		Sensitivity	30 mA	100 mA	300 mA	30 mA	300 mA	
	Rating	25 A	M9R11225-S	M9R12225-S	M9R14225-S	M9R11225	-	4
		32 A	M9R11232-S	M9R12232-S	M9R14232-S	-	-	
		40 A	M9R11240-S	M9R12240-S	M9R14240-S	M9R11240	M9R14240	
		63 A	M9R11263-S	M9R12263-S	M9R14263-S	-	-	
4P		Sensitivity	30 mA	100 mA	300 mA	30 mA	300 mA	
	Rating	25 A	M9R11425-S	M9R12425-S	M9R14425-S	-	-	8
		32 A	M9R11432-S	M9R12432-S	M9R14432-S	-	-	
		40 A	M9R11440-S	M9R12440-S	M9R14440-S	M9R11440	M9R14440	
		63 A	M9R11463-S	M9R12463-S	M9R14463-S	M9R11463	M9R14463	
Voltage rating (Ue)		2P	230 - 240 V					
		4P	400 - 415 V					
Operating frequency		50 Hz						

### Connection



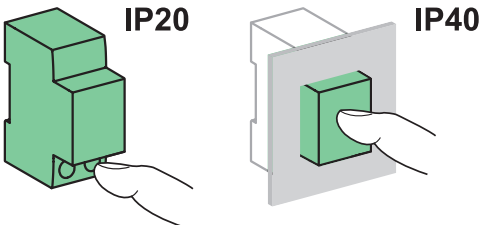
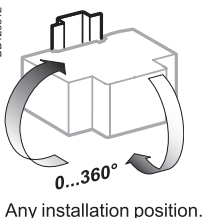
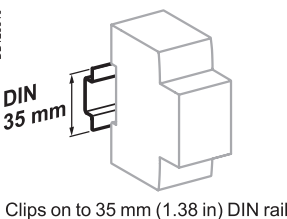
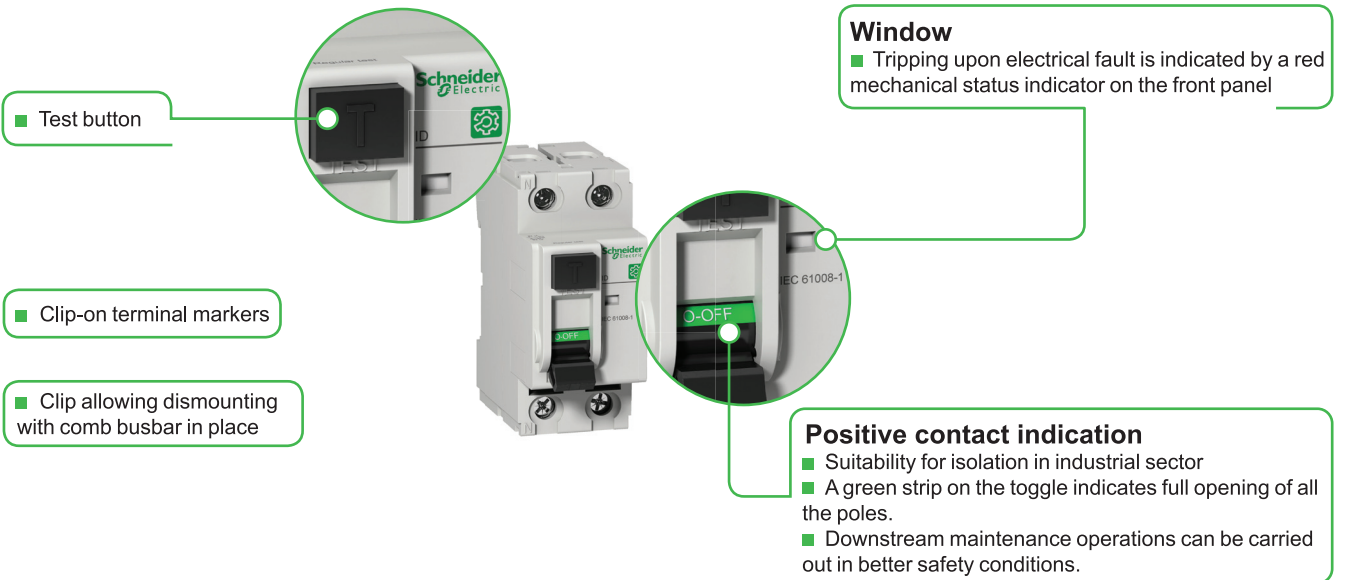
Rating	Tightening torque	Copper cables (*)			
		Rigid		Flexible or with ferrule	
25 to 63 A	3.5 N.m / 31 lb.in			1 to 35 mm <sup>2</sup>	AWG #18 to #2
				1 to 25 mm <sup>2</sup>	AWG #18 to #4



# Residual Current Devices

## IEC/EN

### RCCB ID - IEC/EN 61008-1 – Residual Current Circuit Breakers – AC type (cont.)



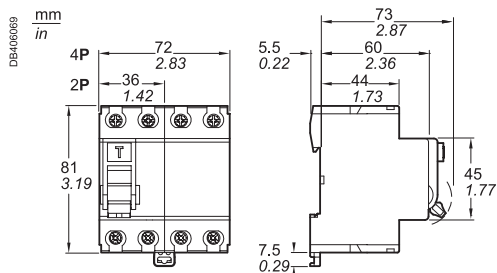
#### Weight (g / oz)

Residual current circuit breakers	
Type	ID
2P	230 g / 8.11 oz
4P	450 g / 15.87 oz

#### Technical data

Main characteristics	
Insulation voltage (Ui)	440 V
Pollution degree	3
Rated impulse withstand voltage (Uimp)	6 kV
According to IEC/EN 61008-1	
Making and breaking capacity (Im/IΔm)	10 In
Impulse current withstand (8/20 μs) without tripping	250 Å
Rated conditional short-circuit current (Inc/IΔc)	With fuse  100 A 10,000 A
Behaviour in case of voltage drop	Residual current protection down to 0 V according to IEC/EN 61008-1 § 3.3.4
Additional characteristics	
Degree of protection (IEC 60529)	Device only IP20 Device in modular enclosure IP40 Insulation class II
Endurance (O-C)	Electrical 2000 cycles Mechanical 20,000 cycles
Operating temperature	-5°C to +40°C / 23°F to 104°F
Storage temperature	-40°C to +60°C / -40°F to 140°F
Tropicalization (IEC 60068-1)	Treatment 2 (relative humidity 95 % at 55°C / 131°F)

#### Dimensions (mm / inches)



# Auxiliaries and accessories

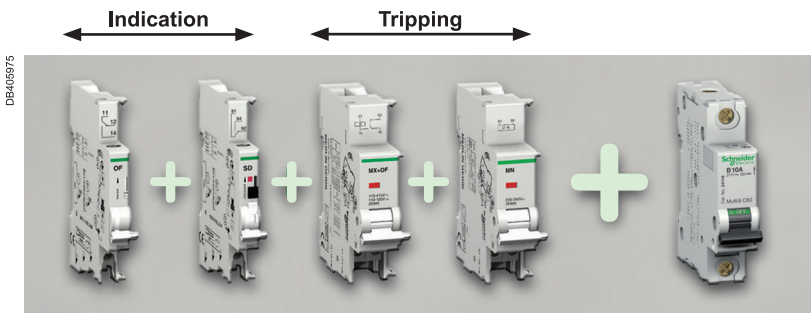
## Electrical auxiliaries for MCB







### Compliance with electrical auxiliaries standards

- For UL 489 Branch circuit protection File #E215117.
- For CSA C22.2 No. 5 Branch circuit protection File #179014.
- For UL 1077 Supplementary Protection File #E90509.
- For CSA C22.2 No. 235 Supplementary Protection File #179014.
- For IEC 60947-1 and IEC 60947-5-1 circuit breakers.
- CE Marked.

- The electrical auxiliaries provide the remote tripping or position (open/closed/tripped) indication functions of these devices in the event of an electrical fault.
- They clip on (no tool required) to the left-hand side of the associated device.
- The SD+OF auxiliary is a two-in-one product: a mechanical selector switch is used to select one of two contacts: SD or OF.



### Combination table

Indication auxiliaries		Tripping auxiliaries		Devices
	+		+	
1 SD+OF maxi		1 SD+OF maxi		 C60
1 OF maxi		1 (SD+OF or SD or OF) maxi		

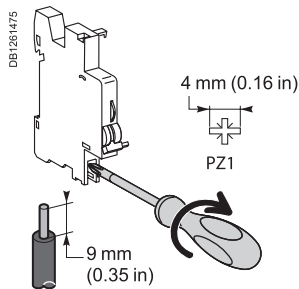


Tripping devices must be installed first.  
 If two tripping devices are used: the MN undervoltage release must be installed first  
 Indication auxiliaries: install the SD auxiliary first


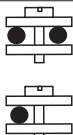


## Auxiliaries and accessories

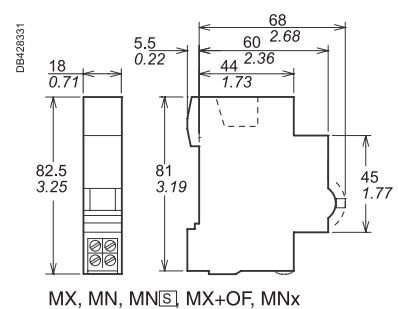
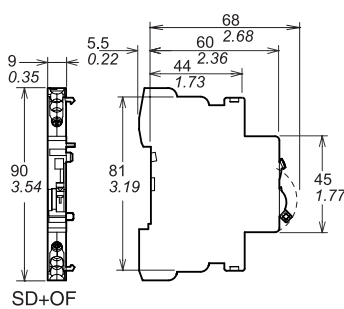
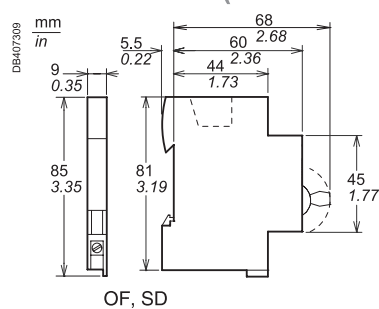
### Electrical auxiliaries for MCB



#### Connection

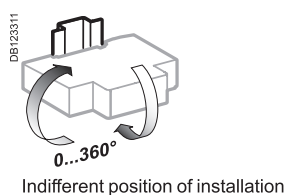
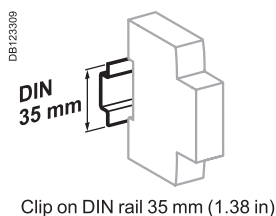
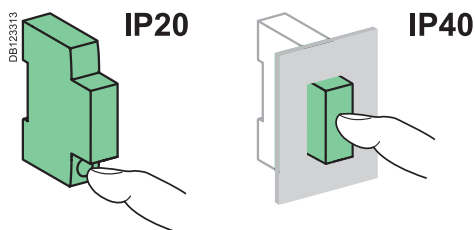
Type	Tightening torque	Copper cables
Indication and tripping auxiliaries	1 N.m / 9 lb.in	<b>Rigid</b>
		DB122946  2 cables, 1.5 mm <sup>2</sup> / #16 AWG or 1 cable, 2.5 mm <sup>2</sup> / #14 AWG 

#### Dimensions (mm / inches)











#### Weight (g / oz)

Electrical auxiliaries	
Type	
MN	66 g / 2.32 oz
MN	66 g / 2.32 oz
MNx	73 g / 2.57 oz
MX	60 g / 2.32 oz
MX+OF	65 g / 2.12 oz
OF (Spectre)	33 g / 1.16 oz
OF (Schneider Electric)	30 g / 1.06 oz
SD	30 g / 1.06 oz
SD+OF	38 g / 1.34 oz



## Auxiliaries and accessories




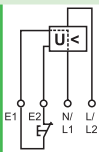
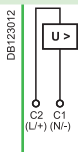
### Electrical auxiliaries for MCB

Tripping						
Auxiliaries	MN					MN <sup>S</sup>
Type	Undervoltage release					
	Instantaneous					Delayed
	<div><div>PB100202_SE-30</div><div></div></div>					<div><div>PB100203_SE-30</div><div></div></div>
Function	<div><div><div><div>■ Causes the device with which it is associated to trip when its input voltage decreases (between 70 % and 35 % of U<sub>n</sub>). Prevents the device from closing until its input voltage has been restored</div></div></div><div><div><div>■ No tripping in the event of transient voltage dips (up to 0.2 s)</div></div></div></div>					
Wiring diagrams	<div><div>DB11880-4</div><div></div></div>					
Utilization	<div><div><div>■ Emergency stop via a normally-closed pushbutton</div><div>■ Improves the safety of the power supply circuits of several machines by preventing "uncontrolled" restarting</div></div></div>					
Catalog numbers	M9A27108	M9A27107	M9A26960	M9A26961	M9A26959	M9A26963
Technical specifications						
Rated voltage (U <sub>e</sub> )	V AC	24	120	220...240	48	115
	V DC	24			48	—
Operating frequency	Hz	50/60			400	50/60
Pollution degree		3				3
Mechanical state indicator light, red		On front face				On front face
Test function		—				—
Width in 9 mm (0.35 in) modules		2				2
Operating current		—				—
Number of contacts		—				—
Operating temperature		-25...+50°C / -13...122°F				-25...+50°C / -13...122°F
Storage temperature		-40...+85°C / -40...185°F				-40...+85°C / -40...185°F
Standards						
IEC/EN 60947-1		■				■
IEC/EN 60947-5-1		—				—
EN 60947-2		■				■
EN 62019-2		—				—
		■				■
		■				■
		■				■
		—				—
		■				■








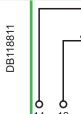
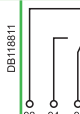
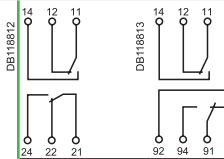
## Auxiliaries and accessories

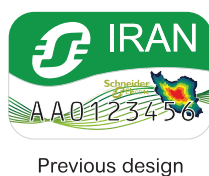
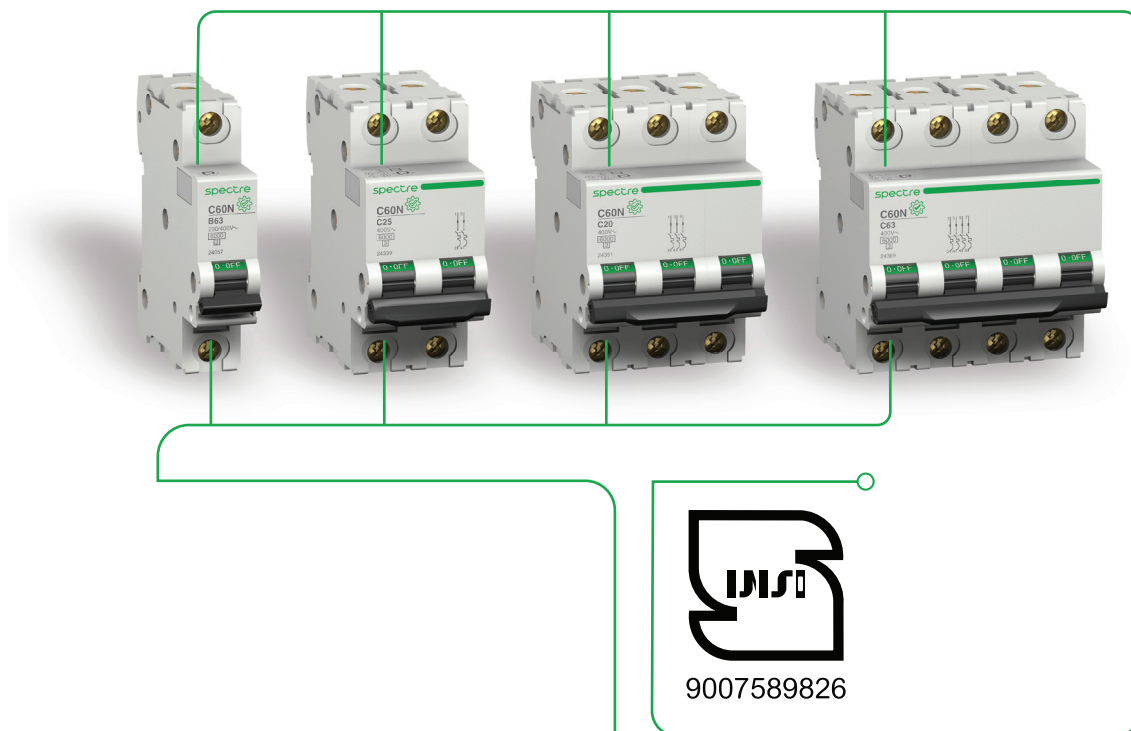
### Electrical auxiliaries for MCB

MNx		MX	MX+OF				
		Shunt release					
Independent of the supply voltage		With open/closed auxiliary contact					
<div><div>PB100205_SE-30</div><div></div></div>		<div><div>PB100199_SE-30</div><div></div></div>	<div><div>PB100198_SE-30</div><div></div></div>				
<div><div>■</div> Tripping of the associated device by opening of the control circuit (e.g. push-button, dry contact)</div>		<div><div>■</div> Trips the associated device when it is powered on</div>					
<div><div>■</div> A drop in the supply voltage does not trip the associated device</div> <div><div>■</div> A locking push-button control allows the circuit protected (e.g. machine control) to be placed in safety configuration</div>				<div><div>■</div> Includes an open/closed contact (OF contact) to indicate the "open" or "closed" position of the associated device</div>			
<div><div>DB408947</div><div></div></div>		<div><div>DB123012</div><div></div></div>					
<div><div>■</div> Fail-safe emergency stop</div> <div><div>■</div> Insensitive to the variation in the control circuit voltage to improve continuity of service</div> <div><div>Important: Before any servicing operation switch off the mains power supply (voltage presence at terminals E1/E2)</div></div>		<div><div>■</div> Emergency stop via a normally-open pushbutton.</div>		<div><div>■</div> Emergency stop via a normally-open pushbutton</div> <div><div>■</div> Remote indication of the position of the associated device</div>			
M9A26969	M9A26971	M9A26476	M9A26477	M9A26478	M9A26946	M9A26947	M9A26948
230	400	100...415	48	12...24	100...415	48	12...24
—	—	110...130	48	12...24	110...130	48	12...24
50/60	—	50/60	—	—	50/60	—	—
3	—	3	—	—	3	—	—
On front face	—	On front face	—	—	On front face	—	—
—	—	—	—	—	—	—	—
2	—	2	—	—	2	—	—
—	—	—	—	—	3 A / 415 V AC	—	—
—	—	—	—	—	6 A / ≤ 240 V AC	—	—
—	—	—	—	—	1 NO/NC	—	—
-25...+50°C / -13...122°F	—	-25...+50°C / -13...122°F	—	—	-25...+50°C / -13°F...122°F	—	—
-40...+85°C / -40...185°F	—	-40...+85°C / -40...185°F	—	—	-40...+85°C / -40°F...185°F	—	—
■	—	■	—	—	■	—	—
—	—	—	—	—	—	—	—
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—	—	—	—	—	■	—	—
■	—	■	—	—	■	—	—

## Auxiliaries and accessories



### Electrical auxiliaries for MCB

	Spectre		Schneider Electric	
Auxiliaries	OF	OF	SD	SD+OF
Type	Open/closed auxiliary contact	Open/closed auxiliary contact	Electrical fault indicating contact	Double open/closed or fault indicating contact
				
Function	<p>■ Changeover contact indicating the "open" or "closed" position of the associated device</p>	<p>■ Changeover contact indicating the "open" or "closed" position of the associated device</p>	<p>■ Changeover contact indicating the position of the associated device in the event of:</p> <ul style="list-style-type: none"> <li>□ electrical fault</li> <li>□ action on the tripping auxiliary</li> </ul>	<p>■ The SD+OF auxiliary is a two-in-one product: choice of OF or SD contact via the selector switch</p>
Wiring diagrams				
Utilization	<p>■ Remote indication of the position of the associated device</p>	<p>■ Remote indication of the position of the associated device</p>	<p>■ Remote electrical fault tripping indication of the associated device</p>	<p>■ Remote position and/or fault tripping indication of the associated device</p>
Catalogue numbers	M9A26924-S	M9A26924	M9A26927	M9A26929
Technical specifications				
Rated voltage (Ue)	V AC 240...415	240...415	240...415	240...415
	V DC 24...130	24...130	24...130	24...130
Operating frequency	Hz 50/60	50/60	50/60	50/60
Pollution degree	3	3	3	3
Mechanical state indicator light, red	—	—	On front face	On front face
Test function	On front face	On front face	On front face	On front face
Width in 9 mm (0.35 in) modules	1	1	1	1
Operating current	3 A/415 V AC 6 A / ≤ 240 V AC	3 A/415 V AC 6 A / ≤ 240 V AC		
Number of contacts	1 NO/NC	1 NO/NC	1 NO/NC	1 NO/NC + 1 NO/NC
Operating temperature	-25...+50°C / -13°F...122°F	-25...+50°C / -13°F...122°F	-25...+50°C / -13°F...122°F	-25...+50°C / -13°F...122°F
Storage temperature	-40...+85°C / -40°F...185°F	-40...+85°C / -40°F...185°F	-40...+85°C / -40°F...185°F	-40...+85°C / -40°F...185°F
Standards				
IEC/EN 60947-1	—	—	—	—
IEC/EN 60947-5-1	■	■	■	■
EN 60947-2	—	—	—	—
EN 62019-2	—	■	■	■
UL	—	■	■	■
CSA	—	■	■	■
RU	—	■	■	■
CCC	—	■	■	■
EAC	—	■	■	■





All Schneider Electric and Spectre products are valid with the two above hologram designs



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