Electrical auxiliaries for *i*DPN, (DPN), C60, C120, ID, I-NA

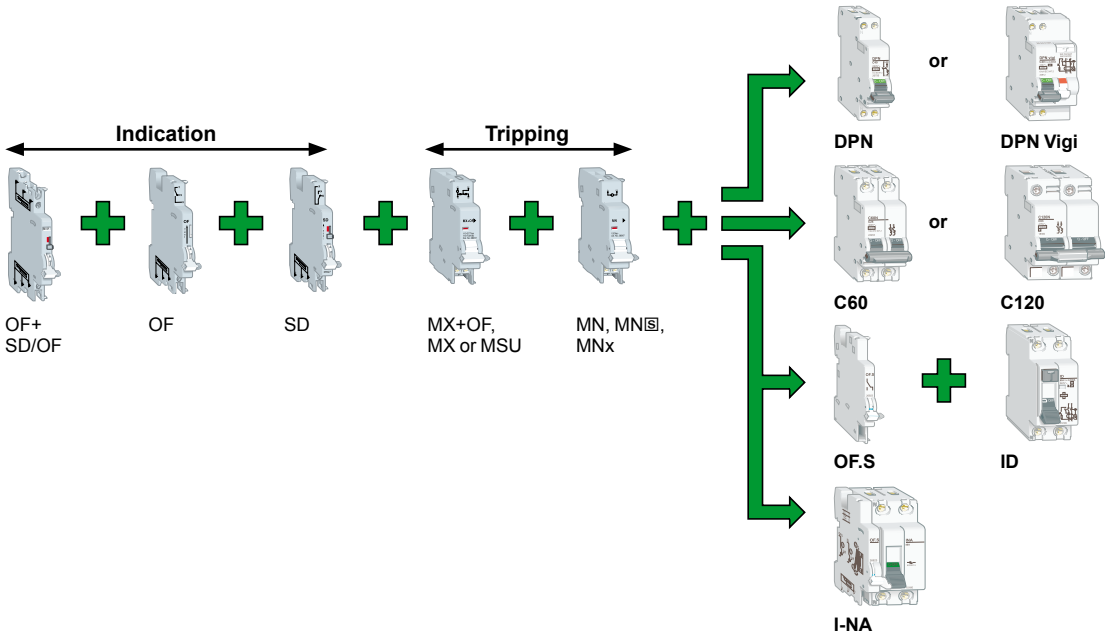
Description

Together with C60, C120, *i*DPN (DPN) circuit breakers, ID residual current circuit breakers and I-NA switches of the Schneider Electric brand.
They allow remote tripping or indication.
They are fastened by clips (without tools) to the left side of the device.

⚠ ■ The electrical auxiliaries are not compatible with ID residual current circuit breakers of type B.

⚠ ■ If the SD and OF+SD/OF auxiliary contacts are combined with tripping auxiliaries (MN, MX, etc.), they shall be mounted to the left of the latter.

DB122914



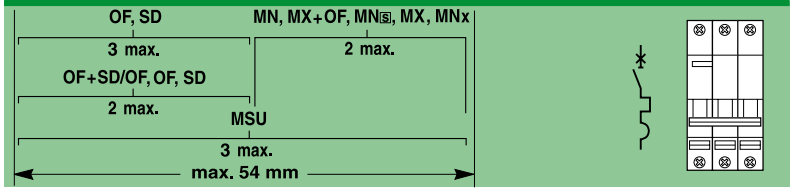
Standards

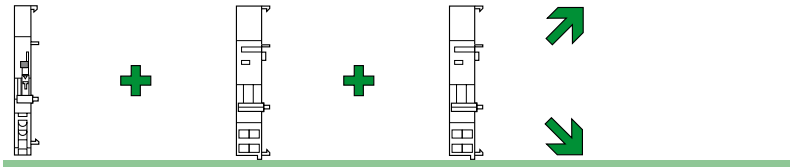
	MN, MNS	MNx, MSU, MX, MX+OF	OF.S, OF, SD, OF+SD/OF
IEC 60947-1	■	■	
IEC 60947-5-1			■
EN 60947-2	■		
EN 62019-2*			■

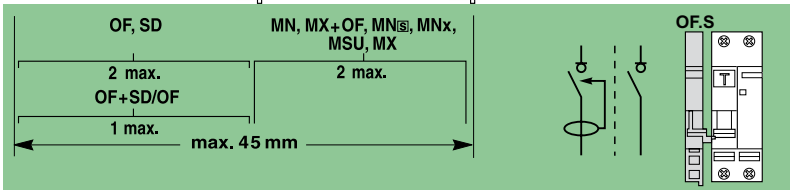
** For C60, C120, iDPN (DPN).*

Combination of auxiliaries

DB118803







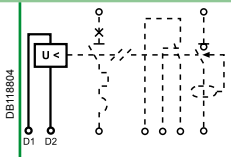
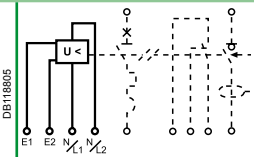
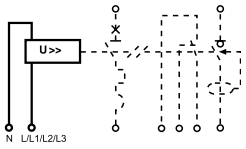
Connection

By screw clamp terminals for:

Flexible or rigid cable	Flexible or rigid multi-cables	Stripping length	Tightening torque	Posidriv
DB112804	DB112805	DB112802	DB112806	DB112807
0.5 to 2.5 mm²	2 x 1.5 mm²	9 mm	1 N.m	n°1 - Ø 4 mm

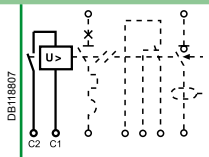
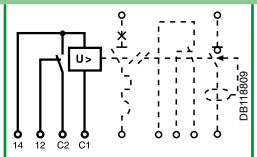
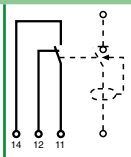
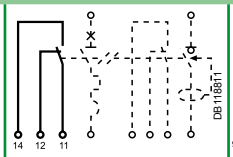
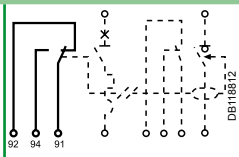
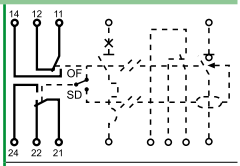
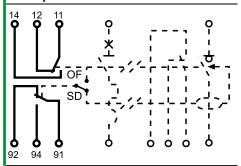
Electrical auxiliaries for *i*DPN, (DPN), C60, C120, ID, I-NA

Tripping

	MN			MN[S]	MNx				MSU	
	Undervoltage release				Release by OFF push button (PB)				Voltage threshold release	
	Instantaneous			Delayed						
										
Use										
	■ Emergency stop by OFF push button ■ Ensures the safety of power supply circuits for several machines by preventing "uncontrolled" restarting				■ Fail-safe emergency stop				■ Monitors the voltage between neutral and phase conductors	
Function										
	■ Controls tripping and opening of the device with which it is combined when its supply voltage decreases (between 70% and 35%). Prevents device reclosing until its supply voltage is restored				■ Tripping auxiliary insensitive to power supply circuit breaking				■ Switches off the power supply by opening the device with which it is combined, in the event that the phase/neutral voltage is exceeded (loss of neutral). For a four-phase network, use three MSU tripping auxiliaries	
				■ Time delay of 0.2 second on brownout or voltage dip					■ Tripping voltage: 275 V AC	■ Tripping voltage: 255 V AC
Cat. no	**26960**	**26961**	**26959**	**26963**	**26969**	**26977***	**26971**	**26991***	**26979**	**26479**
Technical data										
Control voltage	V AC	220…240	48	115	220…240	230		400	230	
	V DC	-	48	-						
Operating frequency	Hz	50/60		400	50/60					
Red mechanical indicator		On front face								
Test button		-								
Width in 9 mm modules		2								
Auxiliary contact (breaking capacity)		-								
Operating temperature	°C	-25…+50								
Storage temperature	°C	-40…+85								
Wiring diagrams										
										

** Tripping auxiliaries MNx ref. 26977 and 26991 are specific for C60 circuit breakers.*

Indication

	MX			MX+OF			OF.S	OF	SD	OF+SD/OF
	Shunt release			Shunt release with OF contact			OF.S auxiliary contact	OF auxiliary contact	Fault indicating switch	OF/SD changeover contact
										
	■ Emergency stop by ON push button			■ Emergency stop by ON push button ■ Remote indication of the position of the associated device			■ Compulsory for the addition of tripping or indication auxiliaries on a residual current circuit breaker (except I-NA) ■ Remote indication of the position of the associated device	■ Remote indication of the position of the associated device	■ Remote indication of tripping upon a fault of the associated device	■ Remote indication of position and/or tripping upon a fault of the associated device
	■ Controls tripping and opening of the device with which it is combined as soon as it is powered up						■ Changeover contact: indicates "open" or "closed" position of the device	■ Changeover contact: indicates "open" or "closed" position of the device	■ Changeover contact: indicates "tripped upon fault" position of the device	■ Provision of an OF+SD or OF+OF contact by rotary changeover switch
				■ Provided with a self-breaking contact and an O+F contact to indicate the "open" or "closed" position of the device						
	26476	**26477**	**26478**	**26946**	**26947**	**26948**	**26923**	**26924**	**26927**	**26929**
	100…415	48	12/24	100…415	48	12/24	-			
	100…130	48	12/24	100…130	48	12/24	-			
	50/60						50/60			
	On front face						-		On front face	
	-						-	On front face		
	2						1			
	-			3 A / 415 V AC 6 A / ⩽ 240 V AC			3 A / 415 V AC 6 A / ⩽ 240 V AC			
	-25…+50						-25…+50			
	-40…+85						-40…+85			
										 OF position  SD position