

UL + IEC/EN

GFP - UL 1053 & IEC/EN 61008 - Ground Fault Protector



IEC/EN 61008-1

UL 1053

UL 1053 residual current circuit breakers already protected upstream by a short-circuit and overload protection device are used for:

- control and disconnection of electric circuits
- protection of people against electric shock by direct and indirect contacts
- protection of installations against insulation faults
- enhanced continuity of supply, during a series of close lightning strokes, IT earthing system, equipment including interference suppression filters, variable speed controllers, frequency converters, electronic ballasts for lighting
- enhanced earth leakage protection: in presence of harmonics or high frequency rejections.

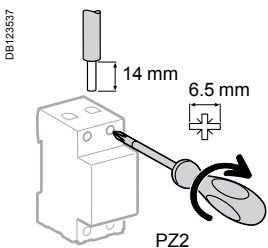
They comply with RCD standards UL 1053 and IEC/EN 61008.

A-SI type GFPs are ideal for operation in environments with a humid atmosphere and/or polluted by aggressive agents: swimming pools, marinas, agri-food industries, water treatment stations, industrial sites, etc.

Catalogue numbers

GFP UL 1053 type A-SI							
A-SI type	Rating (A)	Sensitivity (mA)		Cat. no.		Width in mod. of 9 mm (0.354 in.)	
		UL 1053	IEC/EN 61008	120 or 240 V 230 or 240 V	240 V 480Y/277 V 230/400 or 240/415 V		
Auxiliaries		Without auxiliaries					
2P							
	25	26	30	M9R81225	M9R41225	4	
		86	100	M9R12225	M9R44225		
		260	300	M9R84225	-		
	40	26	30	M9R81240	M9R41240		
		260	300	M9R84240	-		
		63	26	30	M9R81263		-
4P							
	25	26	30	-	M9R81425	8	
		86	100	-	M9R12425		
		260	300	-	M9R84425		
	40	26	30	-	M9R81440		
		260	300	-	M9R84440		
		63	26	30	-		M9R81463
	100	86	100	-	M9R12463		
		260	300	-	M9R84491		
		86	100	-	M9R12491		
	Accessories		See page 48				
	Voltage rating	2P	230 - 240 V				
	(Ue)	4P	400 - 415 V				
Operating frequency	50/60 Hz						

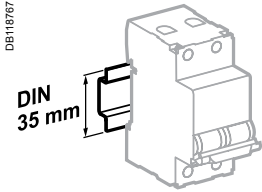
UL 486A connections for copper cables, document #E216919



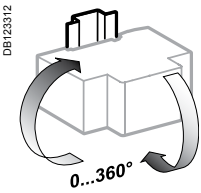
Rating	Tightening torque	Without accessory	
		Copper cables	Rigid, flexible or with ferrule
25 to 100 A	3.5 N.m (31 lb.in)	 IEC/EN 61008-1	 UL 486A-B
		1 to 35 mm ²	AWG #18 to #2

UL + IEC/EN

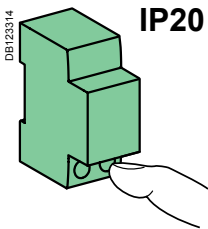
GFP - UL 1053 & IEC/EN 61008 - Ground Fault Protector (cont.)



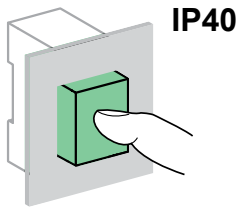
Clip on DIN rail 35 mm.



Indifferent position of installation.



IP20



IP40

Technical data

GFP UL 1053 type A-SI

Technical data	
Insulation voltage (Ui)	440 V
Pollution degree	3
Making and breaking capacity: rated residual current (IΔm)	1 500 A
Rated impulse withstand voltage (Uimp)	6 kV
Utilisation category	AC 23A
Level of immunity	In current wave 8/20 μs: 3 kA In dampened recurrent current wave 0.5 μs/100 kHz: 200 A
Short-circuit current withstand (IΔc = Inc)	10 kA with 100 A gG upstream fuse
Test button minimum operating voltage	2P 113 V AC 4P 189 V AC
Phase-to-phase test circuit	To avoid external bridging on use on three-phase network without neutral
Locking possible in "tripped" position	By padlocking facility (not supplied)
Release with fixed sensitivity for all ratings	Instantaneous release: UL 1053 : ±15 % IEC/EN 61008 : +0 %, -50 %
Behaviour in case of voltage drop	Residual current protection down to 0 V according to IEC/EN 61008-1 § 3.3.4
Earth fault indication	On front face by red mechanical indicator
Number of cycles (O-C)	20,000 cycles
Degree of protection (IEC 60529)	Device only IP20 Device in modular enclosure IP40 Insulation class II
Operating temperature	-25°C to +60°C / -13°F to 140°F
Storage temperature	-40°C to +70°C / -40°F to 158°F
Tropicalization (IEC 60068-1)	Treatment 2 (relative humidity 95 % at 55°C / 131°F)
Dissipated power	See page 68

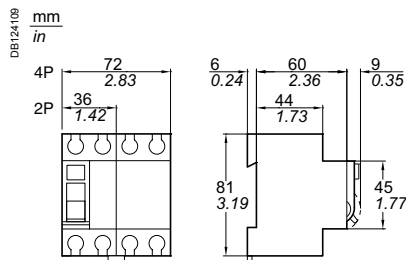
2

Weight (g / oz)

GFP UL 1053 type A-SI

Type	GFP
2P	220 g / 7.76 oz
4P	450 g / 15.87 oz

Dimensions (mm / inches)





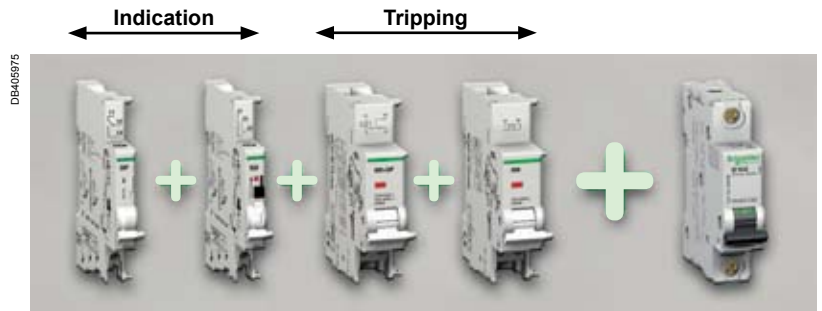
Compliance with electrical auxiliaries standards

- 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 a 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



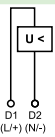
Indication auxiliaries		Tripping auxiliaries		Devices	
1 SD+OF maxi	1 SD+OF maxi	1 maxi			
1 OF maxi	1 (SD+OF or SD or OF) maxi	2 maxi			C60, N40N, N40 Vigi
None	1 (SD+OF or OF) maxi	2 maxi			
1 OF maxi	1 OF maxi	1 maxi			
				OF.S	+ RCCB-ID
None		None			
					RCCB-ID B type

3

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




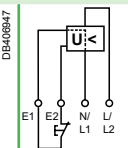
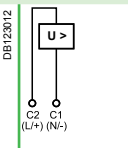
Common electrical auxiliaries (cont.)

Tripping

Auxiliaries	MN						MN ^S
Type	Undervoltage release						
	Instantaneous						Delayed
							
Function	<ul style="list-style-type: none"> Causes the device with which it is associated to trip when its input voltage decreases (between 70 % and 35 % of U_n). Prevents the device from closing until its input voltage has been restored 						<ul style="list-style-type: none"> No tripping in the event of transient voltage dips (up to 0.2 s)
Wiring diagrams							
Utilization	<ul style="list-style-type: none"> Emergency stop via a normally-closed pushbutton Ensures the safety of the power supply circuits of several machines by preventing accidental startups 						
Catalogue numbers	M9A27108	M9A27107	M9A26960	M9A26961	M9A26959	M9A26963	
Technical specifications							
Rated voltage (U_e)	V AC	24	120	220...240	48	115	220...240
	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 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		–					–
UL		■					■
SE SA		■					■
RU		■					■
CCC		–					–
EAC		■					■

Auxiliaries and accessories

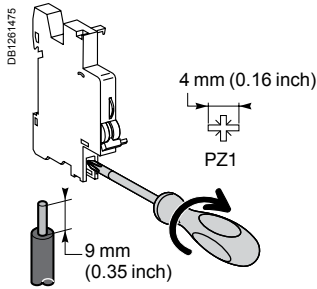
Common electrical auxiliaries (cont.)

MNx	MX	MX+OF
		Shunt release
Independent of the supply voltage		With open/closed auxiliary contact
		
<ul style="list-style-type: none"> Tripping of the associated device by opening of the control circuit (e.g. push-button, dry contact) 	<ul style="list-style-type: none"> Trips the associated device when it is powered on 	
<ul style="list-style-type: none"> A drop in the supply voltage does not trip the associated device A locking push-button control allows the circuit protected (e.g. machine control) to be placed in safety configuration 		<ul style="list-style-type: none"> Includes an open/closed contact (OF contact) to indicate the "open" or "closed" position of the associated device
		
<ul style="list-style-type: none"> Fail-safe emergency stop Insensitive to the variation in the control circuit voltage to improve continuity of service Important: Before any servicing operation switch off the mains power supply (voltage presence at terminals E1/E2) 	<ul style="list-style-type: none"> Emergency stop via a normally-open pushbutton. 	<ul style="list-style-type: none"> Emergency stop via a normally-open pushbutton Remote indication of the position of the associated device
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
■	■	■
—	—	—
—	—	—
—	—	—
—	■	■
—	■	■
—	■	■
—	—	■
■	■	■

Common electrical auxiliaries (cont.)

		Signalisation				
Auxiliaries		OF.S	OFsp	OF	SD	SD+OF
Type		Open/closed auxiliary contact	Open/closed auxiliary contact	Open/closed auxiliary contact	Fault indicating contact	Double open/closed or fault indicating contact
	 PE100626_SE-30	 PB107910-30	 PE100626_SE-30	 PE100626_SE-30	 PE100626_SE-30	 PE100626_SE-30
Function		<ul style="list-style-type: none"> Changeover contact indicating the "open" or "closed" position of the associated device <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>⚠ Compulsory for the addition of tripping or indication auxiliaries on an ID RCCB</p> </div>	<ul style="list-style-type: none"> Changeover contact indicating the "open" or "closed" position of the associated device 	<ul style="list-style-type: none"> Changeover contact indicating the position of the associated device in the event of: <ul style="list-style-type: none"> □ electrical fault □ action on the tripping auxiliary <div style="border: 1px solid black; padding: 5px; width: fit-content;"> <p>⚠ Not compatible with a RCCB-ID residual current circuit breaker, use a SD+OF in the SD position</p> </div>	<ul style="list-style-type: none"> Changeover contact indicating the position of the associated device in the event of: <ul style="list-style-type: none"> □ electrical fault □ action on the tripping auxiliary 	<ul style="list-style-type: none"> The SD+OF auxiliary is a two-in-one product: choice of OF or SD contact via the selector switch
Wiring diagrams		 DB11809	 DB408611	 DB118810	 DB118811	 DB118812 DB118813
Utilization		<ul style="list-style-type: none"> Remote indication of the position of the associated device 	<ul style="list-style-type: none"> Remote indication of the position of the associated device 	<ul style="list-style-type: none"> Remote fault tripping indication of the associated device 	<ul style="list-style-type: none"> Remote position and/or fault tripping indication of the associated device 	<ul style="list-style-type: none"> Remote position and/or fault tripping indication of the associated device
Catalogue numbers		26923	16940	M9A26924	M9A26927	M9A26929
Technical specifications						
Rated voltage (Ue)	V AC	24...415	230	240...415	240...415	240...415
	V DC	24...130	110	24...130	24...130	24...130
Operating frequency	Hz	50/60	50	50/60	50/60	50/60
Pollution degree		3	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
Width in 9 mm modules		1	1	1	1	1
Operating current		3 A /415 V AC 6 A / ≤240 V AC	1 A /110 V DC 6 A / ≤230 V AC	3 A /415 V AC 6 A / ≤240 V AC		
Number of contacts		1 NO/NC	1 NC + NC/NO	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	-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	-40...+85°C / -40°F...185°F
Standards						
IEC/EN 60947-1		–	–	–	–	–
IEC/EN 60947-5-1		■	–	■	■	■
EN 60947-2		–	–	–	–	–
EN 62019-2		■	–	■	■	■
UL		–	–	■	■	■
SA SA		–	–	■	■	■
RU		–	–	■	■	■
CCC		–	–	■	■	■
EAC		–	–	■	■	■

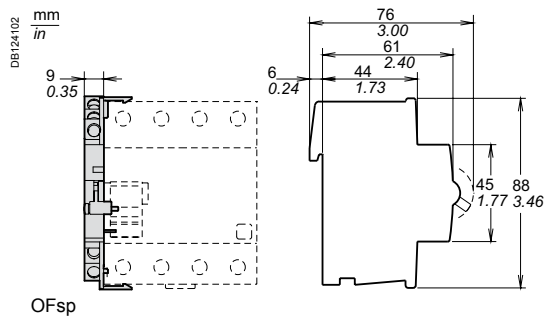
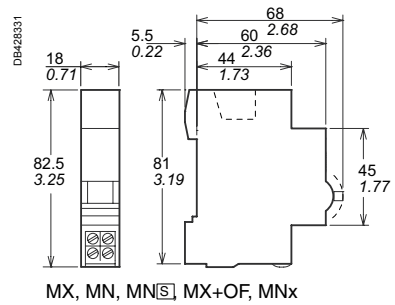
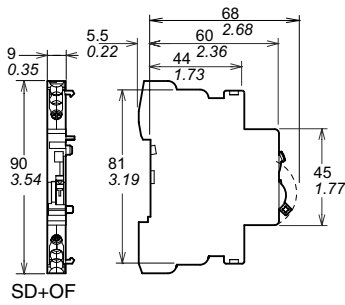
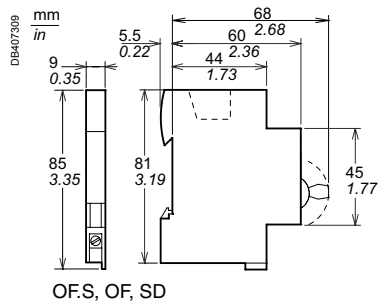
Common electrical auxiliaries (cont.)



Connection

Type	Tightening torque	Copper cables
Indication and tripping auxiliaries	1 N.m (9 lb.in)	Rigid
		DB122946
OFsp	0.8 N.m (7 lb.in)	2 cables, 1.5 mm ² / #16 AWG or 1 cable, 2.5 mm ² / #14 AWG
		DB405990
		1 cable, 1.5 mm ² / #16 AWG

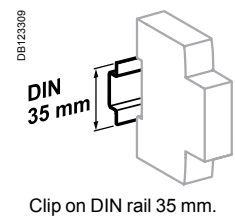
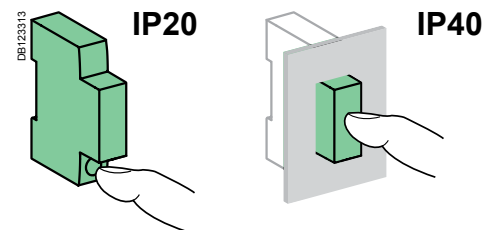
Dimensions (mm / inches)



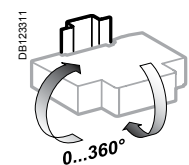
Weight (g / oz)

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.S	33 g / 1.16 oz
OF	30 g / 1.06 oz
OFsp	40 g / 1.41 oz
SD	30 g / 1.06 oz
SD+OF	38 g / 1.34 oz

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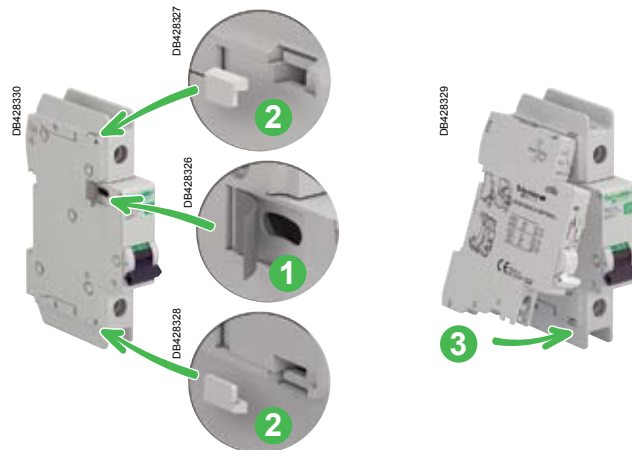




Clip on DIN rail 35 mm.



Indifferent position of installation.





C60BP or C60BPR association



Installation				
Accessories	Rotary handle			Plug-in base
				
	<p>PB100137_SE-24 PB100138_SE-24</p>			<p>PB111764-40</p>
Function				
	<p>Front or side control of 2, 3 and 4-pole circuit breakers</p> <ul style="list-style-type: none"> ■ Degree of protection: IP40 ■ A complete rotary handle consists of: <ul style="list-style-type: none"> □ a circuit-breaker operating sub-assembly, cat. no. 27046, □ a handle cat. no. 27047 or a handle cat. no. 27048 ■ Installation: <ul style="list-style-type: none"> □ the circuit-breaker operating sub-assembly cat. no. 27046 is fixed to the circuit breaker □ the removable handle cat. no. 27047 is mounted on the removable front panel or on the enclosure door □ the fixed handle cat. no. 27048 is fixed to the front or side panel of the enclosure 			<p>Allows a circuit breaker to be quickly removed or replaced, without touching the connections</p> <ul style="list-style-type: none"> ■ Degree of protection: IP20 ■ It consists of: <ul style="list-style-type: none"> □ a base to be fixed to a rail (or panel) □ 2 "blades" to be fixed in the device terminals ■ Connection: tunnel terminals for cables up to 50 mm² (rigid) or 35 mm² (flexible) ■ Installation: <ul style="list-style-type: none"> □ on backplate □ on a horizontal rail ■ Centreline between two rows: 200 mm ■ Only on the circuit breaker, without a Vigi device or auxiliary ■ Padlocking option (8 mm dia. padlock not supplied)
Cat. numbers	27047 Removable extended handle	27048 Fixed handle	27046 Operating sub-assembly	26996 (1 per pole)
Set of	1	1	1	1
Suitable for the following devices:				
C60_{BP} UL489, C60_{BPR} UL489	■ 2P, 3P			–
C60_{SP} UL1077	■ 2P, 3P, 4P			■
C60_{H-DC}	■ 2P			■
GFP UL1053	–			■
C60N, H, L, C60CTRL	■ 2P, 3P, 4P			■
N40N	■ 3P+N			–
RCCB-ID (AC, A-SI types)	–			–
RCCB-ID B type	–			–
N40 Vigi	–			–
Operating temperature	-35°C to +70°C / -31°F to 158°F			-35°C to +70°C / -31°F to 158°F

Auxiliaries and accessories

Common accessories (cont.)

Accessories		Padlocking device		
		Front	Side	
				
	05720A_SE-20	DB409566-25	AGA26380-40	AGA26381-40
Function				
	<p>Used to padlock a circuit breaker in the "open" or "closed" position</p> <ul style="list-style-type: none"> Locking in the ON position does not prevent the circuit breaker from tripping in the event of a fault Isolation: in conformity with IEC/EN 60947-2. Diameter of the padlock: 8 mm max. 	<p>Used to padlock a circuit breaker in the "open" position</p> <ul style="list-style-type: none"> Isolation: in conformity with UL 489/CSA C22.2 No 5 Listed and UL 1077 Recognized. Diameter of the padlock: 8 mm max. 	<p>Can be used to padlock a circuit breaker in open position</p> <ul style="list-style-type: none"> Attached directly to the circuit breaker, it cannot be lost Padlock diameter: 6 mm 	
Cat. numbers	26970	M9PAF	MGN26380 Left-hand mounting	MGN26381 Right-hand mounting
Set of	2	1	1	1
Suitable for the following devices:				
C60_{BP} UL489, C60_{BPR} UL489	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C60_{SP} UL1077	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C60_{H-DC}	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GFP UL1053	<input checked="" type="checkbox"/>	–	–	–
C60N, H, L, C60CTRL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
N40N	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RCCB-ID (AC, A-SI types)	<input checked="" type="checkbox"/>	–	–	–
RCCB-ID B type	–	–	–	–
N40 Vigi	<input checked="" type="checkbox"/>	–	–	–
Operating temperature	-35°C to +70°C / -31°F to 158°F	-35°C to +70°C / -31°F to 158°F	-35°C to +70°C / -31°F to 158°F	-35°C to +70°C / -31°F to 158°F

Auxiliaries and accessories






Common accessories (cont.)






Installation (continued)


Accessories	Front mounting kit		Pole filler	Front mounting bracket				
	Front mounting kit	DIN rail support						
Function	<ul style="list-style-type: none"> Consists of a transparent, hinged, weatherproof cover Allows installation of up to twenty modules (10 poles of C60) of circuit breakers or supplementary protectors and accessories A DIN rail with support is also available Degree of protection as per IEC 529: IP55 Includes a 10-Module divisible blanking plate and mounting template 	<ul style="list-style-type: none"> DIN rail with support for front mounting kit cat. no. 14210 Allows installation of up to twenty modules (10 poles of C60) of circuit breakers or supplementary protectors and accessories 	<ul style="list-style-type: none"> Used to fill empty panels spaces They clip into space They may be snapped apart in 9 mm increments 	<ul style="list-style-type: none"> Provides a convenient way to mount circuit breakers, supplementary protectors or accessories Allows the C60 devices to be clipped onto it in a standard manner In 480 V AC UL 1077 applications, cat. no. 26981 terminal screw shield should be used for increased isolation between the terminal screws of the device and the mounting bracket. These shields are included with the mounting bracket kits 				
Cat. numbers	14210	14211	M9PF4	M9PF5	MG26983	MG26984	MG26985	MG26989
			4 strips of 4 by 18 mm pole filler	4 strips of 5 by 18 mm pole filler				
Set of	1	1	4	4	1			
Suitable for the following devices:								
C60^{BP} UL489,	■	For multi-pole mounting kit cat. no.14210	For multi-pole mounting kit cat. no.14210	■				
C60^{BPR} UL489	■			■				
C60^{SP} UL1077	■			■				
C60^{H-DC}	■			■				
GFP UL1053	■			■				
C60N, H, L, C60CTRL	■			■				
N40N	■			■				
RCCB-ID (AC, A-SI types)	■			■				
RCCB-ID B type	—			—				
N40 Vigi	■			■				
Operating temperature	-35°C to +70°C / -31°F to 158°F				-35°C to +70°C / -31°F to 158°F			

Auxiliaries and accessories

Common accessories (cont.)

Safety						
Accessories	Screw shield		Terminal shield	Interpole barrier	Spacer	
						
Function	Prevents all contact with the fixing screws <ul style="list-style-type: none"> The degree of protection becomes IP40 Sealable, max. diameter 1.2 mm 		Prevents all contact with the terminals <ul style="list-style-type: none"> Degree of protection becomes IP40 Sealable, max. diameter 1.2 mm 		Improves the insulation between the connections: cables, terminals, lugs, etc. <ul style="list-style-type: none"> Used to: <ul style="list-style-type: none"> complete the rows separate the devices Width: 1 x 9 mm module Allows that 2 cables are routed from one row to another (above and below), up to 6 mm² 	
	■ Dividable		<ul style="list-style-type: none"> 1P 2P 3P: 1 x 26975 + 1 x 26976 4P: 2 x 26976 			
Cat. numbers	26981	16939	26975	26976	27001	27062
Set of	2 (4P dividable)	10	2 (for upstream/downstream terminal)		10	1
Suitable for the following devices:						
C60_{BP} UL489, C60_{BPR} UL489	–	–	–	–	–	■
C60_{SP} UL1077	■	–	■	■	■	■
C60_{H-DC}	■	–	■	■	■	■
GFP UL1053	■	–	–	–	■	■
C60N, H, L, C60CTRL	■	–	■	■	■	■
N40N	–	–	–	–	–	■
RCCB-ID (AC, A-SI types)	■	–	■	■	■	■
RCCB-ID B type	–	■	–	–	–	■
N40 Vigi	–	–	–	–	–	■
Operating temperature	-35°C to +70°C / -31°F to 158°F	-35°C to +70°C / -31°F to 158°F	-35°C to +70°C / -31°F to 158°F		-35°C to +70°C / -31°F to 158°F	-35°C to +70°C / -31°F to 158°F

Connection				
Accessories	Multi-cable terminal	50 mm ² / #1 AWG Al terminal	Connection kit for ring terminals	
				
Function	For 3 copper cables: <ul style="list-style-type: none"> Rigid up to 16 mm² Flexible up to 10 mm² 	For 16 to 50 mm² aluminium cables	For terminal up to 63 A, front or rear access (screw Ø 5 mm) <ul style="list-style-type: none"> It incorporates a "conductive" part and an "insulating" part which ensures the phase-to-phase clearance 	
				
Cat. numbers	19091	19096	27060	M9A17400
Set of	4	3	1	24
Suitable for the following devices:				
C60_{BP} UL489, C60_{BPR} UL489	–	–	–	–
C60_{SP} UL1077 ≤ 25 A	–	–	–	■
C60_{SP} UL1077 > 25 A	■	■	–	■
GFP UL1053	■	■	–	–
C60N, H, L, C60CTRL ≤ 25 A	–	–	–	■
C60N, H, L, C60CTRL > 25 A	■	■	■	■
C60_{H-DC} ≤ 25 A	–	–	–	■
C60_{H-DC} > 25 A	■	■	■	■
N40N	–	–	–	–
RCCB-ID (AC, A-SI types)	■	■	■	–
RCCB-ID B type	–	–	–	–
N40 Vigi	–	–	–	–
Tightening torque	2 N.m (18 lb.in)		10 N.m (89 lb.in)	2 N.m (18 lb.in)
Stripping length	11 mm (0.43 in)		13 mm (0.51 in)	–
Tools to be used	Diameter 5 mm (0.2 in) or PZ2		Hc 1/5" or 5 mm (0.2 in)	Diameter 5 mm (0.2 in) or PZ2
Operating temperature	-35°C to +70°C / -31°F to 158°F		-35°C to +70°C / -31°F to 158°F	-35°C to +70°C / -31°F to 158°F

Identification				
Accessories	Clip-on terminal marker strip			
				
Function	For connection identification			
Cat. numbers	0: AB1-R0 1: AB1-R1 2: AB1-R2 3: AB1-R3 4: AB1-R4 5: AB1-R5 6: AB1-R6 7: AB1-R7 8: AB1-R8 9: AB1-R9	A: AB1-GA B: AB1-GB C: AB1-GC D: AB1-GD E: AB1-GE F: AB1-GF G: AB1-GG H: AB1-GH I: AB1-GI J: AB1-GJ	K: AB1-GK L: AB1-GL M: AB1-GM N: AB1-GN O: AB1-GO P: AB1-GP Q: AB1-GQ R: AB1-GR S: AB1-GS T: AB1-GT	U: AB1-GU V: AB1-GV W: AB1-GW X: AB1-GX Y: AB1-GY Z: AB1-GZ +: AB1-R12 -: AB1-R13 Blank: AB1-RV
Set of	250			
Suitable for the following devices:				
C60_{BP} UL489	–			
C60_{BPR} UL489	–			
C60_{SP} UL1077	■ 4 repères maxi. par pôle			
C60_{H-DC}	■ 4 repères maxi. par pôle			
GFP UL1053	■ 4 repères maxi. par pôle			
C60_{H-DC}	■ 4 repères maxi. par pôle			
C60N, H, L, C60CTRL	■ 4 markers max. per pole			
N40N	■ 4 markers max. per pole			
RCCB-ID (2P) (AC, A-SI types)	■ 4 markers max. per pole			
RCCB-ID B type	–			
N40 Vigi	■ 4 markers max. per device			