

Electronic Trip Units

Accessories for SMR1 and SMR2 types

Long time module SMR1 (FAMLT)⁽¹⁾



This external DIN-rail mounted device with modular dimensions is directly connected to the SMR1 electronic trip unit. The device is equipped with a NC 1A/400V AC contact that opens to a signal which indicates that a LT trip will shortly be initiated by the SMR1.

The SMR1 emits this before a trip action is initiated. When set to motor protection this occurs 0.5 seconds before the tripping event and at 0.05 seconds when set to line protection. Contact is reset when breaker trips.

Test kit for SMR1 & SMR2 devices (FAZ)



Designed to test the actuator trip unit combinations the device is plugged into the test jack on the trip unit front face. Just remove the test jack cover, insert and plug in the test device.

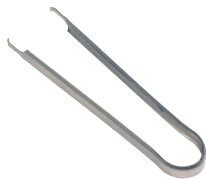
Releasing the push button on the tester FAZ front should now initiate a trip event. The tester requires a 9V battery type 6F22 and is also equipped with a battery status indicator.

Testing the SMR1e, s & g Trip Unit & FK Frame Breakers

A PC based package is available designed to test these combinations. The use of specific GE software and a PC connected to the Trip Unit test jack allows the user to simulate a fault event that should trip the breaker.

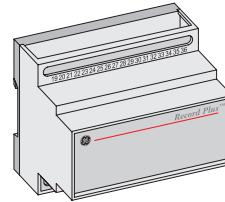
Please contact your local GE sales office for availability.

Rating plug tool SMR1 & SMR 2 (FAR)



A rating plug can be removed by using two small screwdrivers. In case of repeated removal the **Record Plus™** rating plug removal tool is advised to enhance the ease and safety of this operation.

Communication & contact module SMR2 (FAMECM)



This external DIN-rail mounted device with modular dimensions is directly connected to the SMR2 electronic trip unit. It is a multi functional unit acting as an interface between the breaker and the

communication network.

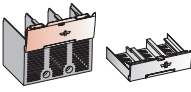
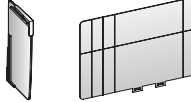
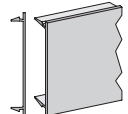
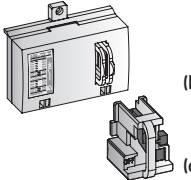

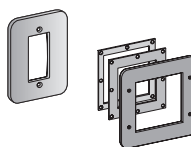
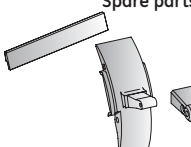
To use the communication option the FAMECM module requires an auxiliary supply of 24V DC.

The device is also equipped with four NC 1A/400V AC contacts that can provide the following outputs:












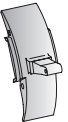


- Breaker trip reason
(Overload (LT) **OR** Short Circuit (ST/I))
- Load shedding device contacts.
Channel 1 **AND** Channel 2

⁽¹⁾ Use of an RC suppressor is recommended.
(See Controls and Automation catalogue)

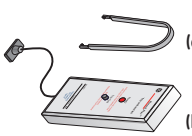
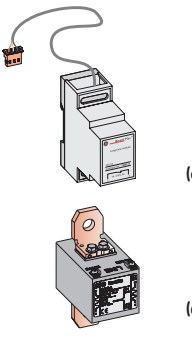
FE - Installation accessories

		3 pole		4 pole	
		Cat. no.	Ref. no.	Cat. no.	Ref. no.
Terminal shields (with finishing covers) 					
	Long, set of 2 pcs.	FEJL3	432079	FEJL4	432082
	Short, set of 2 pcs.	FEJS3	432088	FEJS4	432091
Specific to connection area 					
	Phase separators, set of 12 pcs	FEJP	432085		
	Backplate set of 2 pcs (3 or 4 pole)	FEJB	432073		
Covers 					
	Cutout filler for cover plate (64 mm), length of 1.2 m	FBF6	883970		
Padlocking devices for toggle operator ⁽¹⁾ 					
	Padlocking removable (a)	FD1PR	430879		
	Padlocking fixed (b)	FE1PF	432017		
Circuit indication/coding 					
	Set of 20 blank labels	FAC	430821		
Door flanges 					
	Breaker front face	FEFF3	432067	FEFF4	432068
	RCD unit front face for 3 and 4 pole	FDFF3	430941	FDFF3	430941
	Front face toggle area	FEFT	432071	FEFT	432071
	Rotary handle (through cover plate model)	FDFH	430829	FDFH	430829
Spare parts 					
	Motor operator	FEFE	430943	FDFE	430843

FG - Installation accessories

Terminal shields (with finishing covers)	3 pole		4 pole		
	Cat. no.	Ref. no.	Cat. no.	Ref. no.	
 	Long and widened type for spreaders and 690V applications, set of 2 pcs	FGJW3	432861	FGJW4	432864
	Medium, set of 2 pcs.	FGJM3	432846	FGJM4	432849
	Short, set of 2 pcs.	FGJS3	432855	FGJS4	432858
Specific to connection area	Phase separators, set of 12 pcs	FGJP	432852		
	Backplate (3 or 4pole), set of 2 pcs.	FGJB	432840		
 	Padlocking removable	(a)	FG1PR	431409	
	Padlocking fixed	(b)	FG1PF	431408	
 (a)  (b)					
Circuit indication / coding	Set of 20 blank labels	FAC	430821		
					
   	Door flanges				
	RCD unit front face for 3 and 4 pole	FDFF3	430941		
	Front face toggle area	FGFT	432836		
	Rotary handle (through cover plate model)	FGFH	430545		
	Motor operator	FGFE	430544		
  	Spare parts				
		3 pole		4 pole	
	Finishing covers, set of 2 pcs.	FGUA3	432908	FGUA4	432909
	Spare toggle (set of 5 pcs.)	FGUT	433541	FGUT	433541

FG - Accessories electronic trip units SMR1 and SMR2

	(a)	Rating plug tool (SMR1 & 2)	(a)	FAR	433500
	(b)	Battery test device (SMR1 & 2)	(b)	FAZ	431406
	(c)	Long time module (SMR1 only)	(c)	FAMLT1	433376
	(d)	Ground Fault SMR2 Sensor 250A	(d)	FGGS0250	431870
	(d)	Ground Fault SMR2 Sensor 400A	(d)	FGGS0400	432838
	(d)	Ground Fault SMR2 Sensor 630A	(d)	FGGS0630	432839

(1) Padlocks not included