SIEMENS

Sinteso™/ Cerberus™ PRO

Manual call point

FDM231-RP, FDM231-RP(F)

Manual call points for the automatically addressed detector bus FDnet/C-NET

- Manual call points with direct activation
- Two-wire installation for all cable types
- Communication via FDnet/C-NET (addressed individually)
- Resettable plastic insert

Properties

Features

- For the immediate manual activation of a fire alarm
- Protected electronics
- Built-in alarm indicator (LED)
- Integrated line separator
- Two-color LED for alarm and test

Eco-friendly

- Environmentally friendly processing
- Reusable materials
- Electronic parts and synthetic materials can be easily separated

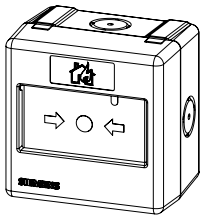
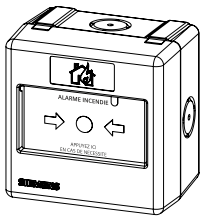
Use

- For indoor applications only
- For surface mounting
- For surface-mounted and recess-mounted cable entries in easily accessible locations

Functions

- Direct alarm activation by pressing the plastic insert
- The key resets the switch and restores the device to a state of operational readiness

Type Overview

Type	Designation	Order number	Weight [kg]
FDM231-RP 	Manual call point with plastic insert incl. back box and key FDMK231	S54311-F11-A1	0.150
FDM231-RP(F) [1] 	Manual call point with plastic insert incl. back box and key FDMK231 Version for France	S54311-F16-A1	0.150
FDMH231-S-R	Back box, red	S54311-B12-A1	0.100
FDME231	Switching unit incl. key FDMK231	S54311-B14-A1	0.100
FDME231-FR	Switching unit for France incl. key FDMK231	S54311-B13-A1	0.100
–	M20 x 1.5 metal cable gland	A5Q00004478	0.036
–	M20 x 1.5 counter nut	A5Q00004479	0.006

Spare parts			
FDMK231	Key	S54311-B10-A1	0.001

[1] The switching unit and back box are supplied in separate packaging units.

Product documentation

Document ID	Title
008164	Equipment overview Sinteso™ Detector system FD20
008331	List of compatibility (for 'Sinteso™' product line)
A6V10229261	List of compatibility (for 'Cerberus™ PRO' product line)
A6V10404679	Technical manual Manual call points FDM231-RP, FDM231-RP(F)

Related documents such as the environmental declarations, CE declarations, etc., can be downloaded from the following Internet address:

https://siemens.com/bt/download

Notes

Mounting

- Installation with recess-mounted feed lines
  - Break open the openings in the back box
  - Sealed openings for cable diameters up to max. 5 mm
- Installation with surface-mounted feed lines
  - Use the openings for cable glands at the top and bottom

Disposal

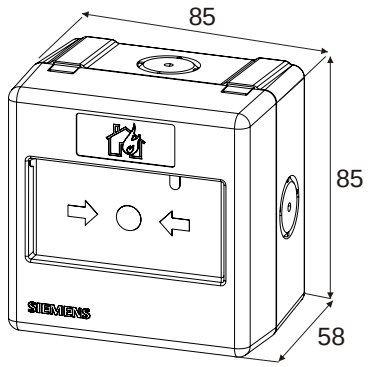
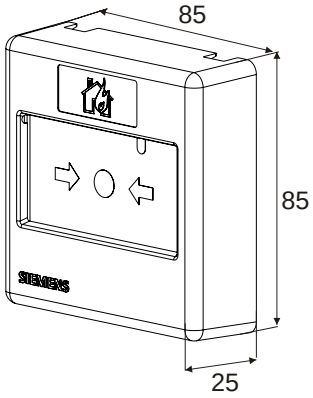
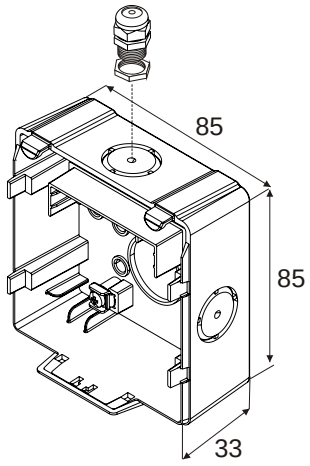
The device is considered an electronic device for disposal in accordance with the European Guidelines and may not be disposed of as domestic garbage.

- Dispose of the device through channels provided for this purpose.
- Comply with all local and currently applicable laws and regulations.

Technical data

	FDM231-RP	FDM231-RP(F)
Operating voltage	DC 12…33 V	
Operating current (quiescent)	Max. 180 µA	
Ext. alarm indicator (AI)	1	
Connection terminals	0.28…1.5 mm²	
Operating temperature	-25…+65 °C	
Storage temperature	-30…+65 °C	
Air humidity, non-condensing	≤95 % rel.	
Communication protocol	FDnet/C-NET	
Color	~RAL 3000 flame red	
Protection category (EN 60529 / IEC 529)	IP44	
Standards	EN 54-11, EN 54-17	
Design	Type A (direct activation)	
Approvals • VdS • LPCB	 G215064 531k/12	 G215064 531k/13
System compatibility • FDnet • C-NET	FS20 FS720	

Dimensional drawings

FDM231-RP, FDM231-RP(F)	FDME231, FDME231-FR	FDMH231-S-R
		

15 CE 0832	**FDM231 / FDM231-RP / FDM231-RP(F)**	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. **A6V10404679**
FDM231 - Manual callpoint incl. short-circuit isolator for use in fire detection and fire alarm systems installed in buildings.		
305/2011/EU (CPR): EN 54-11 / EN 54-17 ; 2014/30/EU (EMC): EN 50130-4 / EN 61000-6-3 ; 2011/65/EU (RoHS): EN 50581		
The declared performance and conformity can be seen in the Declaration of Performance (DoP) and the EU Declaration of Conformity (DoC), which is obtainable via the Customer Support Center: Tel. +49 89 9221-8000 or https://siemens.com/bt/download		
DoP No.: 0832-CPR-F0816; DoC No.: CED-FDM231		

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