



FDM233 / FDM234

Sinteso™
Cerberus™ PRO

Manual call point
Modernization of addressed
systems



Addressed (FDnet)

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- For the modernization of SIGMACON- and SIGMALOOP manual call points for industrial applications
 - Manual call points for addressed Sinteso FS20 and Cerberus PRO FS720 fire detection systems
 - Manual call points FDM233 with indirect activation and FDM234 with direct activation
 - Two-wire installation for all cable types
 - Communication via FDnet/C-NET (addressed individually)

Properties

- **Eco-friendly**
 - Environmentally friendly processing
 - Reusable materials
 - Electronic parts and synthetic materials can be easily separated
- **Features**
 - Protected electronics
 - Built-in alarm indicator (LED)
 - Integrated line separator
 - Two-color LED for alarm and test

FDM233 / FDM234 manual call points

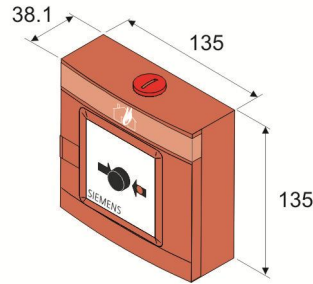


- **Function FDM233**
 - Indirect alarm activation by smashing the glass insert and pressing the alarm button
 - Open the door of the detector with the key to replace the glass insert. Reset the alarm button before closing the door.
- **Function FDM234**
 - Direct alarm activation by smashing the glass insert
 - Open the door of the detector with the key to replace the glass insert. The alarm button is reset when the door is closed.
- **Use**
 - For the immediate manual activation of an alarm
 - For indoor and outdoor application, also suitable for humid, wet and dusty environments
 - For surface-mounted and recess-mounted feed lines in easily accessible locations

Installation

- For recess-mounted feed lines, break open the openings in the base of the housing.
- There are openings for cable glands at the top and bottom for surface-mounted feed lines to the FDM233/234.
- The switching unit can be used immediately after the feed line has been connected; this is an advantage when using a line tester to test lines.

Dimensions



FDM233 / FDM234

Technical data

	FDM233	FDM234
Operating voltage	DC 12...33 V	
Operating current (quiescent)	200 μ A	
Ext. Alarm indicator (AI)	2	
Operating temperature	-25...+70 °C	
Storage temperature	-30...+75 °C	
Humidity (no moisture condensation)	\leq 95 % rel.	
Communication protocol	FDnet / C-NET	
Connection terminals	0.28...1.5 mm ²	
Color	Red, ~RAL 3000	
EN 60529/IEC 60529 protection category	IP44	
Standards	EN 54-11, EN 54-17	
Design according to EN 54-11	Type B (indirect activation)	Type A (direct activation)
Approvals	FDM233	FDM234
- VdS	G214019	G214020
System compatibility		
- FDnet	FS20	
- C-NET	FS720	

14 CE 0786	FDM233	Siemens Switzerland Ltd, Gubelstrasse 22 CH-6301 Zug Technical data: see doc. A6V10374017
	FDM233 - 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 http://siemens.com/bt/download	
	DoP No.: 0786-CPR-21332; DoC No.: CED-FDM233	

14 CE 0786	FDM234	Siemens Switzerland Ltd, Gubelstrasse 22 CH-6301 Zug Technical data: see doc. A6V10374017
	FDM234 - 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 http://siemens.com/bt/download	
	DoP No.: 0786-CPR-21333; DoC No.: CED-FDM234	

Details for ordering

FDM233 complete	FDM233	S54311-F9-A1	Red housing, glass, key, switching unit, red	0.300 kg
FDM233 / FDM234	FDMH294-R	S54311-B3-A1	Red housing, with glass and key	0.100 kg
	FDME233	S54311-B5-A1	Switching unit for FDM233	0.106 kg
	FDME234	S54311-B4-A1	Switching unit for FDM234	0.067 kg
Replacement material		S24217-G41-A1	Glass insert	0.014 kg
	FDMK294	S24217-G34-A1	Key	0.002 kg

You will find additional information in the following documents:

- Equipment overview, doc no. 008164 (Sinteso), A6V10225323 (Cerberus PRO)
- For system compatibility, see the lists of compatibility, doc no. 008331 (Sinteso) and A6V10229261 (Cerberus PRO)
- Technical manual for manual call point FDM233 / FDM234, document no. A6V10374017

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