SIEMENS

Sinteso™/ Cerberus™ PRO

FDM225, FDM226

Manual call points

Manual call points with direct activation for the FDnet/C-NET automatic addressable detector bus

- Manual call points for addressed Sinteso FS20 and Cerberus PRO FS720 fire detection systems
- Direct activation: type 'A' according to EN 54-11
- Communication via the FDnet/C-NET detector line (addressed individually)
- FDM225 for surface and recessed mounting
- FDM226 for surface mounting with protection category IP66
- Either glass insert or resettable plastic insert
- Special FDM225 housing designs available for the French market:
  - FDM225-RG (F) with glass insert
  - FDM225-RP (F) with plastic insert
- Two-wire installation for all cable types

Properties

Features

- Integrated line separator: The defective part on the detector line is located by the fire control panel and isolated between two FDnet/C-NET devices.
- Built-in alarm indicator (LED)
- Address automatically issued during commissioning
- Protected electronics
- Connection terminal DBZ1190-AB (accessory) can be mounted if shielded cables are used

Eco-friendly

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

Use

Use

- For the immediate manual activation of a fire alarm
- FDM225-xx: Suitable for indoor applications
- FDM226-xx: Suitable for indoor and outdoor applications

Types of mounting

The manual call points are suitable for surface and recessed mounting (FDM225-xx) or for surface mounting (FDM226-xx) in easily accessible locations.

Device / Accessory	Recessed mounting	Surface mounting
FDM225-RG with glass insert	X	X
FDM225-RP with resettable plastic insert		
FDMH295-R back box	–	X
FDMH295-S back box with holes and grommets		
FDM226-RG	–	X
FDM226-RP		

X = device/accessory required for this type of mounting

– = not required for this type of mounting

Type Overview

Type	Designation	Order no.	Weight [kg]
FDM225-RG	Manual call point with glass element	A5Q00013434	0.102
FDM225-RP	Manual call point with plastic element	A5Q00012020	0.100
FDM225-RG (F)	Manual call point with glass element for 'France'	A5Q00020274	0.102
FDM225-RP (F)	Manual call point with plastic element for 'France'	A5Q00020273	0.100
FDM226-RG	Manual call point with glass element including back box	A5Q00013435	0.196
FDM226-RP	Manual call point with plastic element including back box	A5Q00013436	0.208
FDMH295-R	Back box	A5Q00013437	0.061
FDMH295-S	Back box with holes and grommets	A5Q00013438	0.061
–	M20 x 1.5 metal cable gland	A5Q00004478	0.036
–	M20 x 1.5 metal counter nut	A5Q00004479	0.006
DBZ1190-AB	2.5 mm², 3-pin connection terminal	BPZ:4942340001	0.001
Accessories			
FDMC295	Protective cover	A5Q00013440	0.036
Replacement material			
FDMK295	Key	A5Q00013448	0.001
FDMG295	Glass insert 'Neutral'	A5Q00013442	0.012
FDMP295	Plastic insert 'Neutral'	A5Q00013445	0.008
FDMG295-F	Glass insert 'France'	A5Q00013443	0.012
FDMP295-F	Plastic insert 'France'	A5Q00013446	0.008

Product documentation

Document ID	Title
008164	Equipment overview Sinteso™ Detector system FD20
009757	Technical manual Manual call points FDM221, FDM225, FDM226
008331	List of compatibility (for 'Sinteso™' product line)
A6V10229261	List of compatibility (for 'Cerberus™ PRO' product line)

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

https://siemens.com/bt/download

Technical data

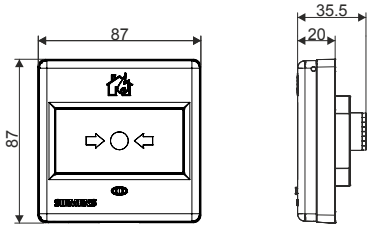
FDnet/C-NET operating voltage	DC 12…33 V			
Operating current (quiescent)	180 µA			
Operating temperature	-25…+70 °C			
Storage temperature	-30…+75 °C			
Air humidity	≤ 95 % rel.			
Communication protocol	FDnet/C-NET			
Connection terminals	0.28…1.5 mm²			
Color	~RAL 3000, flame red			
Design according to EN 54-11	Direct activation 'type A'			
Environmental category according to EN 54-11:	• FDM225-xx: In buildings • FDM226-xx: In buildings and outdoor areas			
Color	~RAL 3000, flame red			
Protection category (IEC 60529):	• FDM225-xx: IP44 • FDM226-xx: IP66			
Approvals:	**FDM225-RP FDM225-RP (F)**	**FDM225-RG FDM225-RG (F)**	**FDM226-RP**	**FDM226-RG**
• VdS	G207092	G207092	G209194	G209194
• LPCB	126ap/01 126ap/10	126ap/02 126ap/11	126ap/03	126ap/04
• DNV GL (Marine)	-	-	MEDB00003UM	-
System compatibility:	• FDnet: FS20, AlgoRex, SIGMASYS • C-NET: FS720			

08 CE 0832	**FDM225-RG/FDM225-RP/FDM225-RG (F)/FDM225-RP (F)**	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. **009757**
FDM225 - 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-F1082; DoC No.: CED-FDM225		

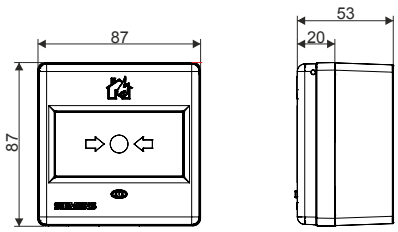
08 CE 0832	**FDM226-RG / FDM226-RP**	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. **009757**
FDM226 - Manual callpoint incl. short-circuit isolator for use in fire detection and fire alarm systems installed in buildings.		
305/2011/EU (CPR): EN 54-11 / EN 54-17 ; 2014/30/EU (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-F1083; DoC No.: CED-FDM226		

Dimensional drawings

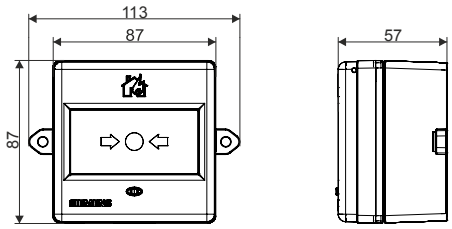
Manual call point FDM225-xx (recessed mounting)



Manual call point FDM225-xx with back box FDMH295-x (surface mounting)

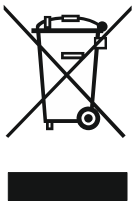


Manual call point FDM226-xx



When mounting protective cover FDMC295 on manual call points, the depth dimension increases by 7 mm accordingly.

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.

Issued by
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