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

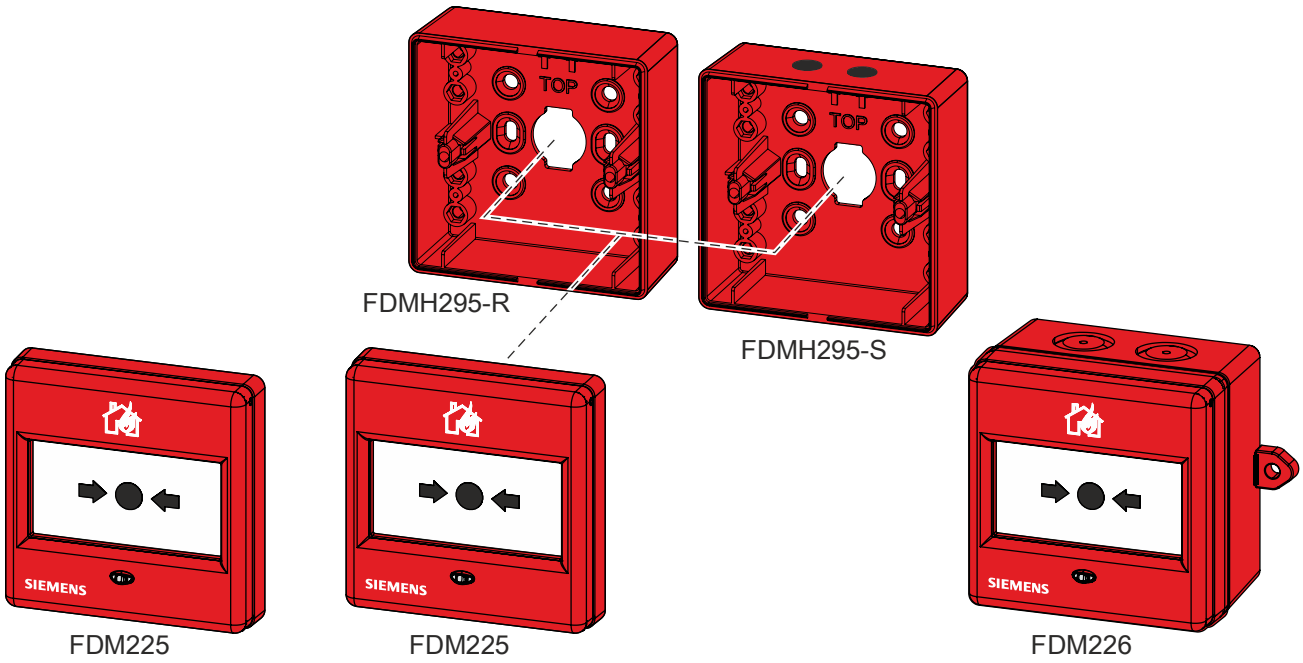
Types of mounting

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



FDM225-xx FDM225-xx with back box FDMH295-x FDM226-xx

- If you use back box FDMH295-R with the FDM225-xx, a hole with Ø ≤20 mm must be drilled in the back box for the surface-mounted cable entry. Use metal cable gland M20 x 1.5 with metal counter nut M20 x 1.5 (accessories).
- The manual call point FDM226-xx has two break-out openings on the top and two on the bottom of the housing for cable entry purposes.
- If protection category IP66 is to be achieved with the FDM226-xx, the lateral fastening tabs must be used to mount the back box. Cable entry must be effected using metal cable gland M20 x 1.5 and metal counter nut M20 x 1.5 (accessories).

Technical data

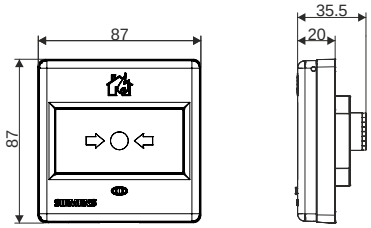
FDnet/C-NET operating voltage	DC 12…33 V			
Operating current (quiescent)	180 µA			
Operating temperature	-25…+70 °C			
Storage temperature	-30…+75 °C			
Air humidity	≤ 95 % rel.			
Communication protocol	FDnet/C-NET			
Connection terminals	0.28…1.5 mm²			
Color	~RAL 3000, flame red			
Design according 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	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			

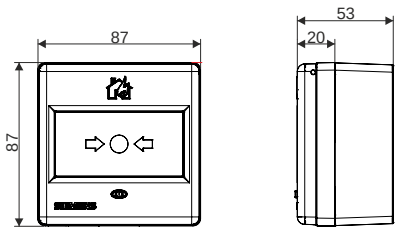
08	0832	**FDM226-RG / FDM226-RP**	Siemens Schweiz AG; Theilerstrasse 1a CH-6300 Zug Technical data: see doc. **009757**
FDM226 - Manual callpoint incl. short-circuit isolator for use in fire detection and fire alarm systems installed in buildings.			
305/2011/EU (CPR): EN 54-11 / EN 54-17 ; 2014/30/EU (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

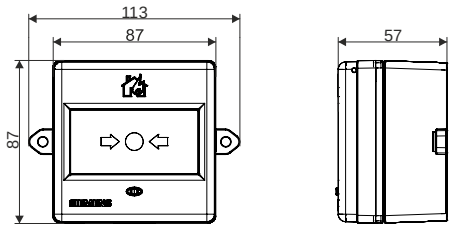
Manual call point FDM225-xx (recessed mounting)



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

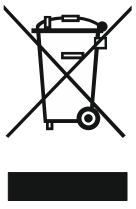


Manual call point FDM226-xx



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
Siemens Switzerland Ltd
Building Technologies Division
International Headquarters
Theilerstrasse 1a
CH-6300 Zug
Tel. +41 58 724 2424
www.siemens.com/buildingtechnologies

© Siemens Switzerland Ltd, 2014
Technical specifications and availability subject to change without notice.