

TECHNICAL DATA

Fire Alarm Systems

HFM/A 1.1

Manual Call Point, red, EN54, part 11



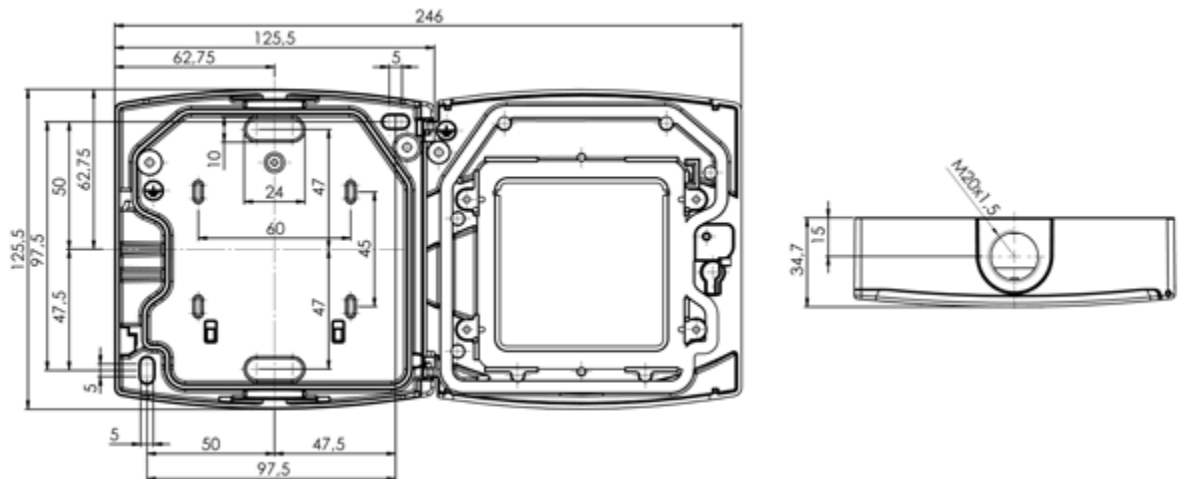
Description of product

The Manual Call Point HFM/A 1.1 is designed for connection to a conventional DC threshold alarm detector zone. The triggering method corresponds to "type B – indirect triggering" to EN 54-11.

The Manual Call Point latches. A visual display indicates the Manual Call Point's state.

The Manual Call Point can be used as a button simply by removing the locking lever.

Dimension drawing



Mounting

The Manual Call Points are mounted at an easily visible location at a height of 1.4 m +0.2 m / -0.4 m. Refer to the DIN VDE 0833-2 standard for information about this.

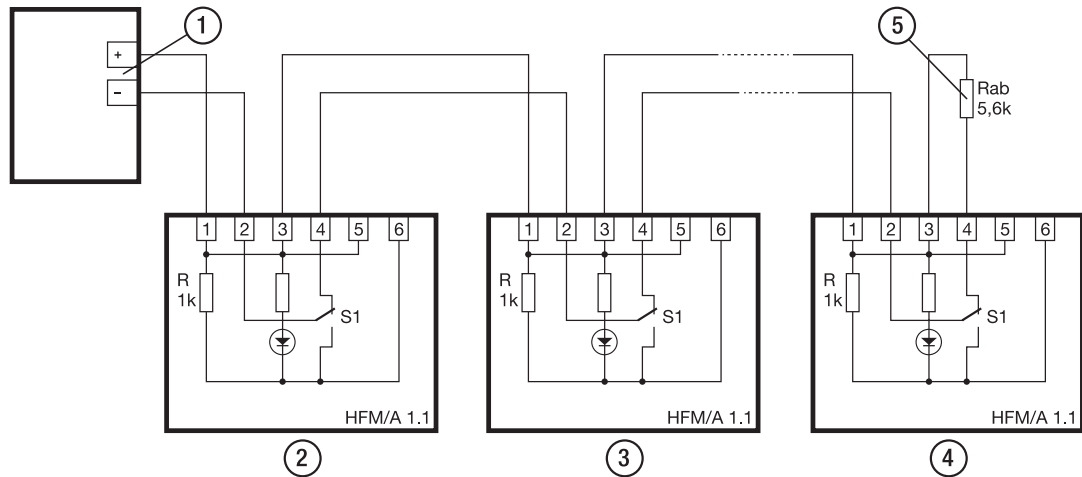
Mount the housings using suitable oval-head screws with washers.

Countersunk head screws must not be used.

The dimension drawing shows the fixing dimensions, the overall dimensions and the predetermined breaking points for FM cable entry.

The upper and lower predetermined breaking points on the rear wall of the Manual Call Point housing can be opened to permit direct mounting on an FM box or hollow-wall box (see dimension drawing; horizontal distance 60 mm). Both SM and FM cable entries are available for the cabling.

Connection



LEGEND

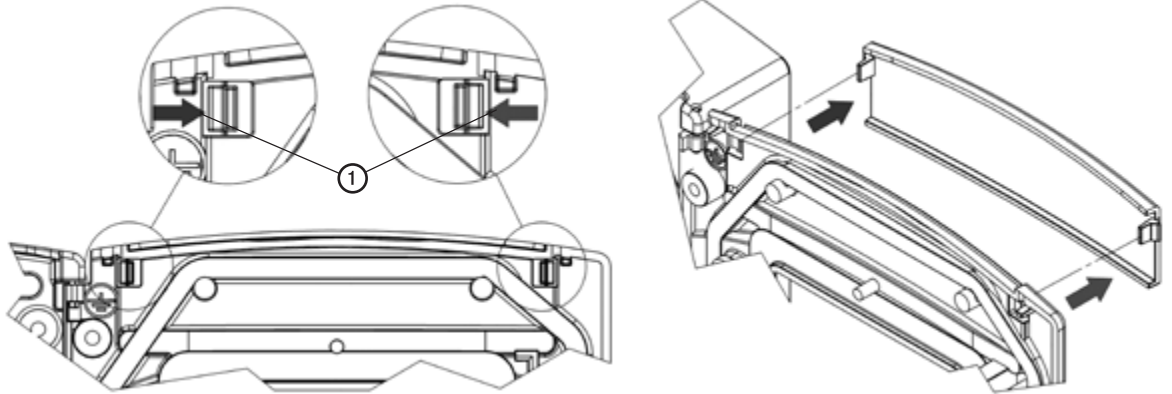
- 1 Zone
- 2 First Manual Call Point
- 3 Next Manual Call Point
- 4 Last Manual Call Point
- 5 Termination resistor

The figure shows how to connect the Manual Call Points to a zone. Each wire is connected individually to the designated terminal. If shielded cables are used, the shield of the incoming and outgoing cables must be looped through using suitable means (e.g. micro cable connecting terminals).

Two holders for fastening micro cable connecting terminals are available on the right-hand side of the control unit.

Ensure the system compatibility of the products.

Removing the door plate cover



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LEGEND

- 1 Gently press inward

The door labeling can be changed.

To do this, remove the door plate cover as shown and then refit it after inserting the required labeling plate.

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**PROJECT PLANNING AND
OPERATING INFORMATION**

The mounting location for the Manual Call Point is governed by the respective standards and directives (e.g. DIN VDE 0833-2). Manual Call Points that are not in operation must be marked with the “out of order” sign included in the scope of delivery.

Technical data	
Operating voltage	10 – 30 V DC (supplied by the zone)
Dimensions (W x H x D)	126 x 126 x 35 mm
Connection	Screw terminals Max. 1.5 mm ²
Cable entry point Top and bottom rear wall	2 pcs. M20 x 1.5 mm 2 pcs. 24 x 10 mm
Weight	420 g
Degree of protection	IP43
Rel. humidity	5 – 95% (non condensing)
Ambient temperature	-20 to +60 °C (continuous operation, without icing) -25 to +70 °C (max. 12 hours)
Manual Call Point to EN54-11, type B	
CPR number	0786-CPR-21702

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IMPORTANT NOTES

The Manual Call Points are built using high-quality electronic components and materials that provide excellent resistance to environmental conditions. We nevertheless recommend replacing the Manual Call Points after 10 years of continuous operation in order to lower the risk of limited functionality due to external influences. Ensure that these Manual Call Points are used only with compatible Fire Alarm Control Panels. Fire detection systems must be checked and maintained at regular intervals in order to ensure that they function properly.

Observe the national procedural rules and other internationally recognized fire protection technology standards. A corresponding risk analysis should first be performed to determine the required project planning criteria and then updated on an ongoing basis.

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IMPORTANT NOTES

Mounting and commissioning are only allowed to be carried out by electricians. The appropriate standards, directives, regulations and specifications of the appropriate country should be observed when planning and setting up electrical installations.

- Protect the device from moisture, dirt and damage during transport, storage and operation.
- Operate the device only within the specified technical data!
- Operate the device only in the closed housing. Disconnect the device from the supply of electrical power before mounting.

Cleaning

If devices become dirty, they can be cleaned using a dry cloth or a cloth dampened with a soapy solution. Never use corrosive agents or solutions.

Maintenance

Proper functioning of each Manual Call Point must be checked at yearly intervals. Additionally, the external intactness (particularly of the glass pane) must be checked during the cyclical inspections or during inspections by the operator. In the event of damage, e.g. during transport and/or storage, repairs are not allowed to be made.

Ordering details					
Device type	Product Name	Order No.	bbn 40 53546 EAN	Weight 1 pc. [kg]	Packaging [pcs.]
HFM/A 1.1	Manual Call Point, red	2CDG430118R0011	04791 2	0.420	1



ABB STOTZ-KONTAKT GmbH
Eppelheimer Straße 82
69123 Heidelberg, Germany
Telefon: +49 (0)6221 701 607
Telefax: +49 (0)6221 701 724
E-Mail: knx.marketing@de.abb.com

Further Information and Local Contacts:
www.abb.com/knx

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