

TECHNICAL DATA

## Fire Alarm Systems

HM/A 1.1 – Manual Call Point, blue

HM/A 2.1 – Manual Call Point, blue, changeover contact

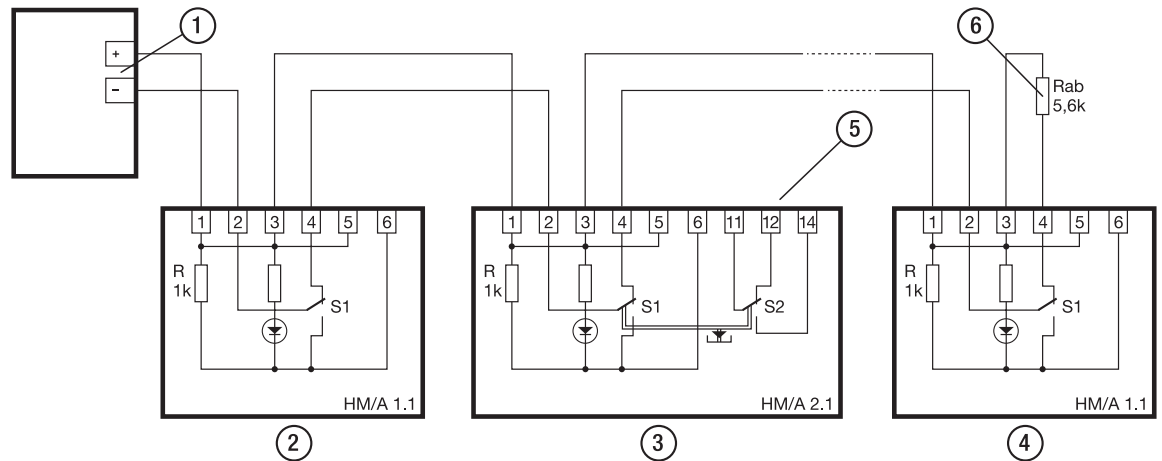


### Description of product

The Manual Call Points HM/A x.1 are designed for connection to a conventional DC threshold alarm detector zone. The Manual Call Points latch. 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.



**Connection**



**LEGEND**

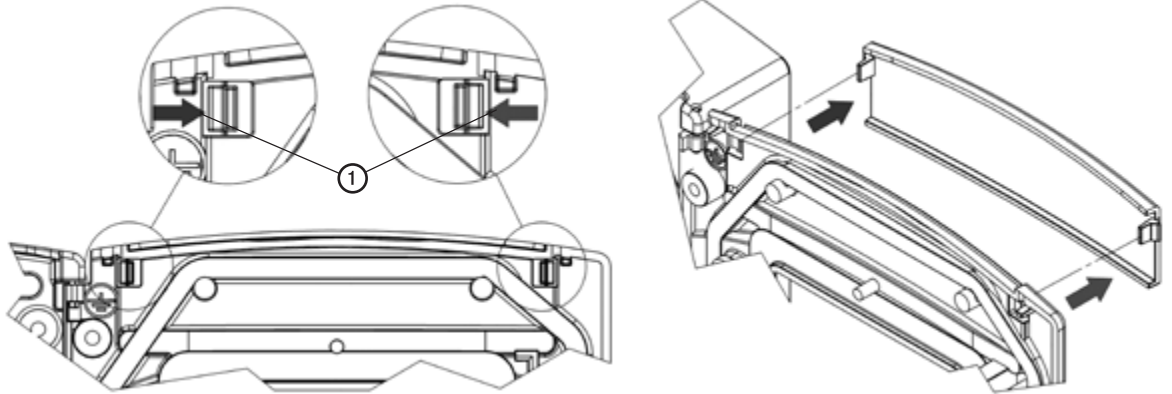
- 1 Zone
- 2 First Manual Call Point
- 3 Next Manual Call Point
- 4 Last Manual Call Point
- 5 Floating changeover contact S2
- 6 Termination resistor

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 is governed by the respective standards and directives (e.g. DIN VDE 0833-2, BHE guideline for house alarm systems – type A). If the house alarm system is used to implement alarm signaling as required by building supervisory authorities, the house alarm system must be set up based on the DIN VDE 0833-2 standard.

Manual Call Points that are not in operation must be marked with the “out of order” sign included in the scope of delivery.

| <b>Technical data</b>                            |  |
|--|--|
| Operating voltage                                | 10 – 30 V DC (supplied by the zone)  |
| Contact load of switch S2                        | < 25 V AC / 2 A or<br>< 60 V DC / 2 A  |
| Dimensions (W x H x D)                           | 126 x 126 x 35 mm  |
| Connection                                       | Screw terminals<br>Max. 1.5 mm <sup>2</sup>  |
| Cable entry point<br>Top and bottom<br>rear wall | 2 pcs. M20 x 1.5 mm<br>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)<br>-25 to +70 °C (max. 12 hours) |

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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.

| <b>Ordering details</b> |   |                  |                             |                                  |                             |
|-------------------------|---|------------------|-----------------------------|----------------------------------|-----------------------------|
| <b>Device type</b>      | <b>Product Name</b>                         | <b>Order No.</b> | <b>bbn 40 53546<br/>EAN</b> | <b>Weight<br/>1 pc.<br/>[kg]</b> | <b>Packaging<br/>[pcs.]</b> |
| <b>HM/A 1.1</b>         | Manual Call Point, blue                     | 2CDG430119R0011  | 04792 9                     | 0.420                            | 1                           |
| <b>HM/A 2.1</b>         | Manual Call Point, blue, changeover contact | 2CDG430120R0011  | 04793 6                     | 0.420                            | 1                           |



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