

## Instruction for installation and operation

### Of Manual call point

### D9000 MCP



**Attention: Read this instruction carefully before attempting to install the detector.**

The D9000 MCP manual call point is designed for indoor operation in fire detection systems and meets the requirements of European Standard EN54-11;

The fire detector is designed for easy installation and maintenance. There are built-in channels in the base for inserting cables in three directions - left, right, and top. The key to open the fire detector and restore the removed element is the same and is attached to the base. D9000 The MCP has a protective transparent cover and a possibility of mounting a seal. Upon activation, except the graphic indication of the operating element, for visibility from a distance is activated and red LED.

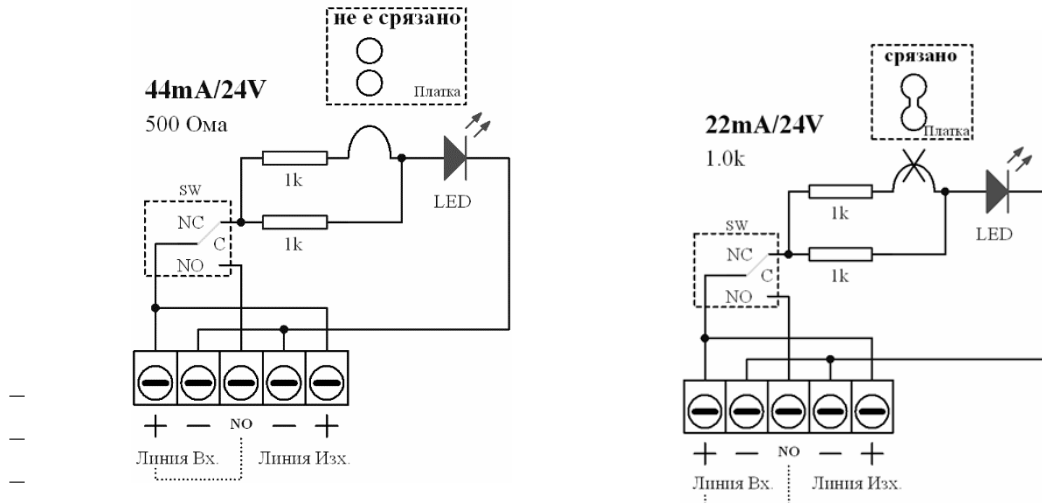
#### 1. Technical characteristics

|                                      |                                    |
|--------------------------------------|------------------------------------|
| - Supply voltage                     | (9-30) V DC                        |
| - Resistance                         | 500Ω / (1 kΩ in broken PCB bridge) |
| - Current at 24V                     | 48mA/ (24mA in broken PCB bridge)  |
| - LED indicator                      | red                                |
| - Protective cover                   | transparent                        |
| - Cross section of connecting cables | 0,4÷1,5 mm <sup>2</sup>            |
| - operating temperature range        | minus 10°C ÷ 50°C                  |
| - Humidity                           | (93 ± 3)% at 40°C                  |
| - Degree of protection               | IP 40                              |
| - Dimensions                         | (90 x 90 x 44) mm                  |
| - Weight                             | 0,120 kg                           |
| - Material                           | ABS plastic                        |

#### 2. Installation of the fire detector

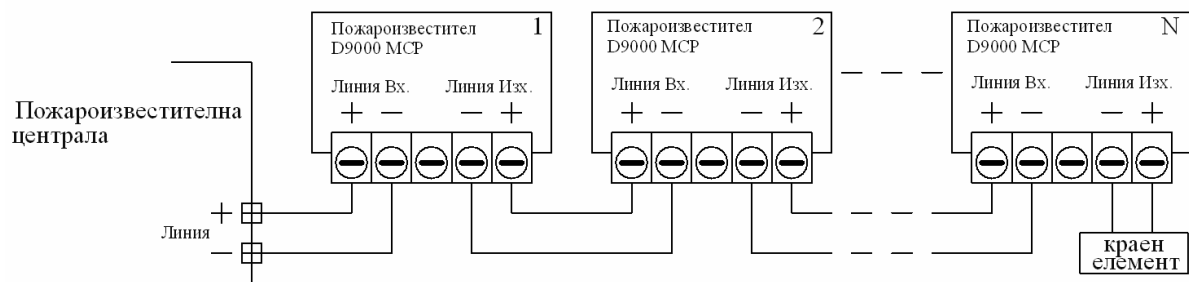
- Unpack the fire detector;
- Remove the key from the base.
- Insert the key in the base opening, push inward and open the two parts of the fire detector.
- Select the location (according to the project drawings) for installation of the fire detector;
- Install the base with suitable dowels and screws;
- Connect the electric cables according to the diagram (fig.1)

Fig.1



- In the factory fire detector is designed to switch 500Ω resistor or current in the line 48mA / at 24V DC;
- It is possible to set the resistance, which can be set to 1 k Ω or current in the line 24mA / at 24V DC. This option is obtained by cutting the bridge on the board with mounting chucks. (Fig. 2)
- Install the cover of the upper supports to the base and, with slight pressure, close the fire detector;

Фиг.2



### 3. Testing and maintenance

#### Testing:

- Apply voltage;
- Raise the protective cover;
- Press working surface at the indicated with arrows place.
- The operating element must fail where it will appear and the graphic indication of the operating element for operated detector and will light up and the red LED on the front.
- To restore, place the key in the opening on the top of the fire detector and press until the work item moves to the top position. The hatch must hide and the LED turn off.
- Keep detector key for periodic testing and recovery after emergency operation.

#### Maintenance

- visual inspection for mechanical damage and pollution: - **quarterly**
- Performance check: - **yearly**

### 4. Warranty obligations

The manufacturer guarantees the conformity of the device with standards EN 54-11:2006. The warranty period is 36 months from the date of sale , provided that:

- the conditions of storage and transport have been followed;
- release is performed by authorized persons;
- the requirements for operation stated in this instruction have been abode.
- defects are not caused by natural phenomena and accidents of the plug socket.

When there is the need of warranty repair , please contact us by phone or email to give you guidelines for the warranty obligations of the company. Repairs are carried out in the company's service company.

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DMTech wishes you pleasant work!!