

Instruction for installation and operation

Of Manual Call Point

D9000 MCP



The D9000 MCP manual call point is designed for indoor operation in fire detection systems and meets the requirements of European Standard EN 54-11.

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. The D9000 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	46mA / (22mA in broken PCB bridge)
- LED indicator	red
- Protective cover	transparent
- Cross section of connecting cables	0,4÷1,5 mm ²
- operating temperature range	- 10°C up to 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);
- In the factory fire detector is designed to switch 500Ω resistor or current in the line 46mA / at 24V DC;
- It is possible to set the resistance, which can be set to 1 k Ω or current in the line 22mA / at 24V DC;

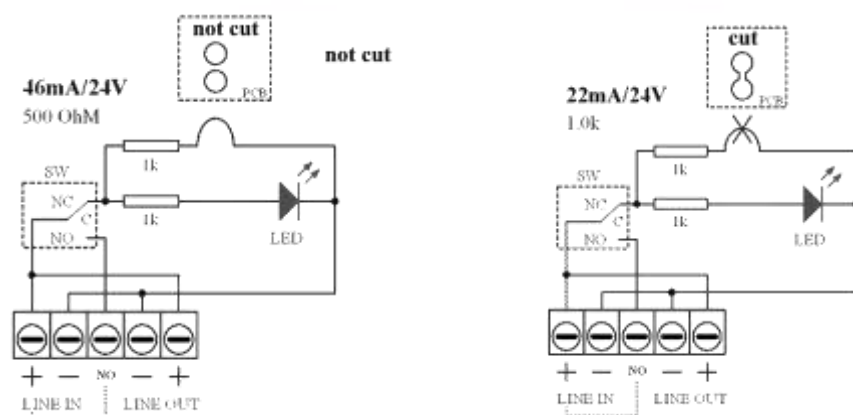


Fig.1

- 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;

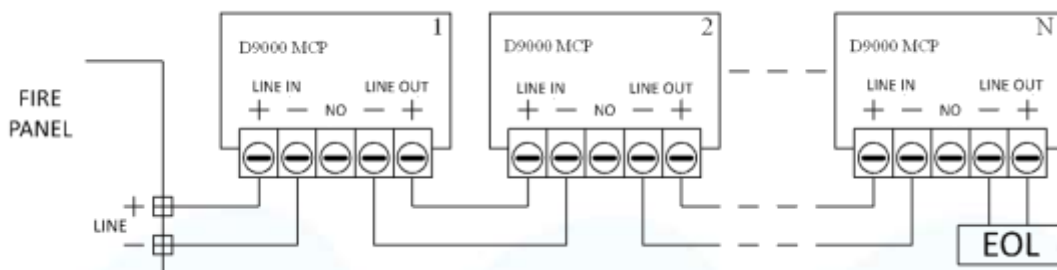


Fig. 2

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

The manufacturer guarantees that the product complies with EN 54-11.

The warranty period is 36 months from the date of sale, provided that:

- storage and transport conditions are met;
- the commissioning is carried out by authorized persons;
- the operating requirements set out in this manual are observed.
- the defects are not caused by natural phenomena and failures of the power supply network.

If a warranty repair is required, contact your supplier.



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DMTech wishes you pleasant work!