



MANUAL CALL POINT TYPE LF-MCP100 INSTRUCTION MANUAL LF-MCP100_REV0100



GENERAL DESCRIPTION

The manual call point LF-MCP100 is designed for indoor installation as a component of a Conventional Fire Alarm System.

TECHNICAL DATA

Nominal operating voltage	24V DC
Minimum operating voltage	10V DC
Maximum operating voltage	30V DC
Resistance Load & Alarm Current	Refer Fig 3
Current consumption in Alarm Condition (400Ω)	25mA/10V DC; 75mA/30V DC
Application	TYPE A - INDOOR USE (direct operation)
Applicable Standard	complies with EN 54-11:2001/A1:2005
Operational temperature range	minus 10°C - plus 55°C
Relative humidity resistance	(93±3)% at 40°C
Dimensions	98mm x 96mm x 51mm
Weight	0.150kg
Type of connecting cable	two-wire
Cross section of the connecting wires	(0.5-1.5) mm ²

INSTALLATION

Unpacking of the manual call point is shown in the sequence of steps: Fig. 4 pos.1, 2, 3 and 4. To install the manual call point, please refer the additional sequence positions 5, 6, 7, 8 and 9 in Fig 4.

Detailed wiring diagram is shown on fig.1. The EOL element is part of the set provided with the conventional Fire Alarm Panel (FAP), where the LF-MCP100 is connected to.

The manual call point is able to trigger dry contact if required, refer wiring diagram fig. 2. If the manual call point alarm threshold current needs to be changed, cut the additional PCB links to increase the resistance see fig.3.

TESTING

The manual call point is tested after installation as a part of the site's fire alarm system or with the following maintenance procedure:

1. Test procedure

- 1.1. Power the manual call point from the conventional fire alarm detection line (10-30V DC).
- 1.2. Press the manual call point on the specific place till showing of the two yellow thumb of the actuating member fig 5, pos 5.
- 1.3. The manual call point is activated - in "Alarm mode".

2. Reset to duty mode:

- 2.1. To reset the manual call point to duty mode, please refer to the sequence in fig. 5 pos. 3, 4 and 5 of

The reset key must be rotate clockwise to retract two yellow thumb of the actuating member fig 5, pos 4.

SERVICE SCHEDULE

The service procedures are done on a the following maintenance periods from authorized personnel:

1. Inspection for visible physical damage - weekly
2. Testing in real conditions - monthly

WARRANTY

The warranty period is 36 months from the date of sale. The manufacturer guarantees the normal operation of the fire detector providing that the requirements set herein have been observed.

The manufacturer does not bear warranty liabilities for damages caused through accidental mechanical damage, misuse, adaptation or modification after production. The manufacturer bears warranty liabilities for damages in the Call Point caused through manufacturer's fault only.

Declaration of Performance No: DOP_23_003LF_REV0100

EN54-11:2001 + A1:2005
LF-MCP100

Fire detection and fire alarm systems
installed in buildings.
Manual Call Point

Essential characteristics	Performance
Performance under fire conditions	Pass
Operational reliability	Pass
Durability of operational reliability and response delay Temperature resistance	Pass
Durability of operational reliability, Humidity resistance	Pass
Durability of operational reliability, Shock and Vibration resistance	Pass
Durability of operational reliability, Corrosion resistance	Pass
Durability of operational reliability, Electrical stability	Pass
Durability of operational reliability, resistance to ingress	Pass

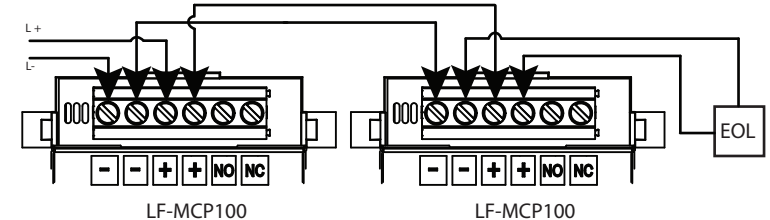


Fig.1

* End Of Line
(available in the FAP)

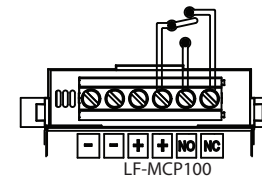


Fig.2

PCB layout	R _Ω
	400
	600
	1200

Fig.3

Fig.4

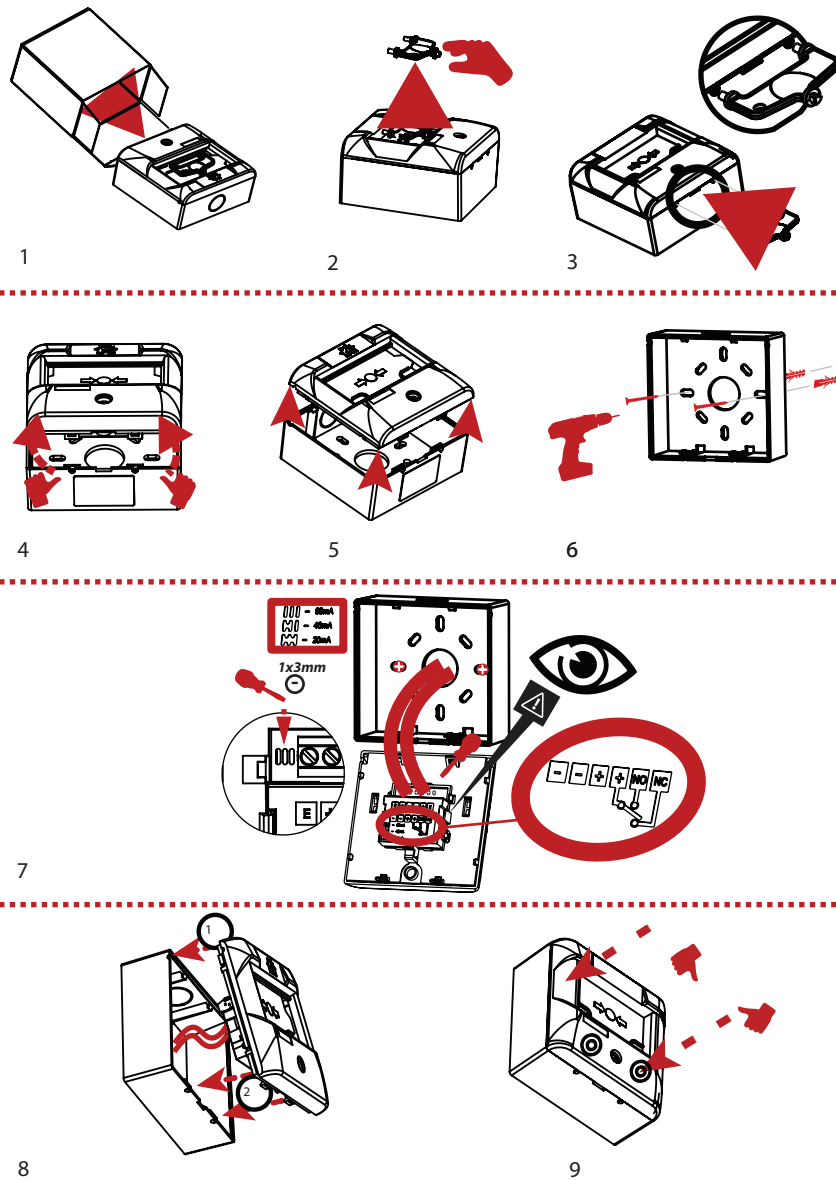


Fig.5

