



FDM230-CN Manual Call Point Product manual

Overview

This manual call point (MCP) serves for the manual activation of alarms in case of fire.

Features

- Compliance with EN 54-11:2001/A1:2005
- Resettable push-down alarms
- Individual addressing, automatic address setting without encoder setting or Dip-switch
- Indication of the condition (Normal, Alarm, and localization) by means of a LED
- Communication with control panel via C-NET
- Built-in telephone jack (3.5 mm diameter)

Function

- Direct alarm activation by pushing the operation panel. The panel's position shifts to show activated state. See Fig. 1. The alarm LED lights up.

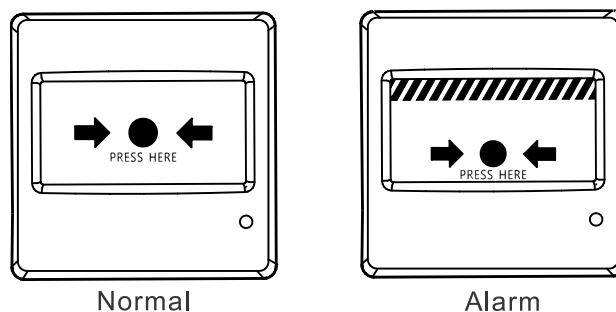


Fig. 1 Changes on the panel

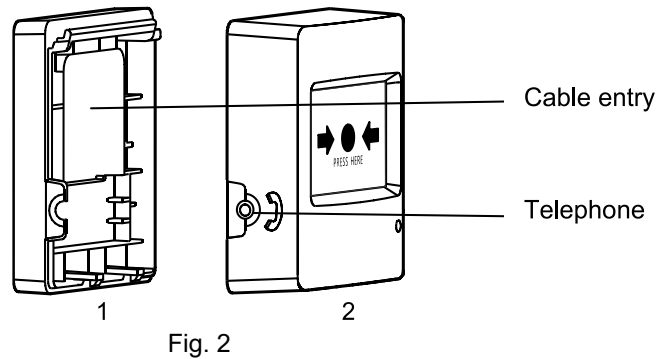
- Plug into the telephone jack to call the switchboard
- Reset manual call point to normal state by resetting operation panel with the key

Application

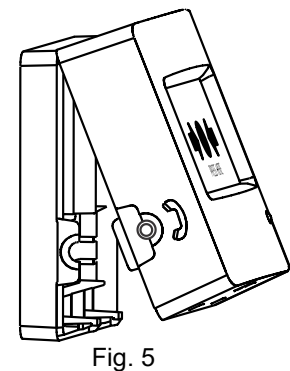
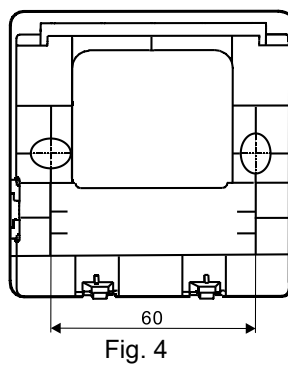
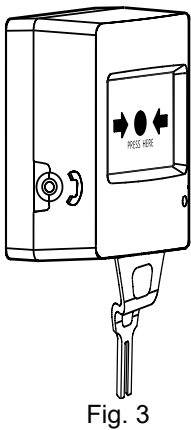
- For the immediate manual activation of a fire alarm
- For indoor application

Structure

The FDM230-CN consists of a back box (1) and a front panel (2).



Installation



Preparation

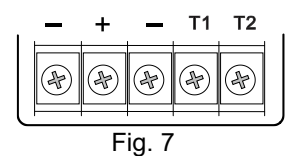
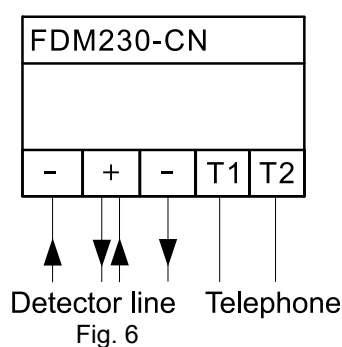
1. Separate the front panel from the back box with the key (Fig. 3). The key is in the product package). Keep the key in a safe place.
2. Secure the back box with screws.

Installation

1. Mount the back box inside the 86 housing on the wall, at a height of 1.3 ~ 1.5 m from the ground.
2. Thread the cables through the entry opening into the back box.
3. Close the front panel (Fig. 5).

Electric connection

1. Separate the front panel from the back box with the key (Fig. 3).
2. Connect the feed line to the terminals according to the diagram in Fig. 6 and Fig. 7.
3. Close the front panel (Fig. 5).



Dimensions (In mm)

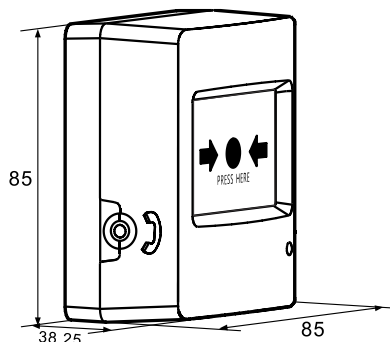


Fig. 8

Commissioning

Table 1 lists the status indicated by the alarm indicator:

Status	Red LED
Normal	Off
Alarm	Steady on
Localization	Flashing

Table 1

● Function check

1. Set the manual call point to test mode.
2. Press down the operation panel, the LED lights up and stays on (if connected to FC720 series control panel) or flashes (if connected to FC726 series control panel).
3. Insert the key from the bottom as shown in Fig. 9 to reset the operation panel to its initial position.
4. Pull off the key and set the manual call point back to normal mode through the fire control panel.

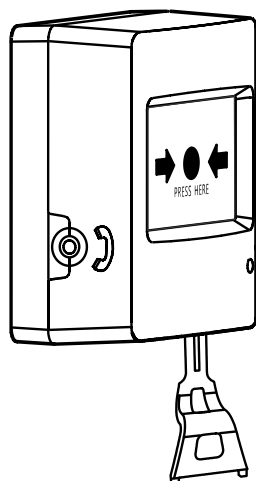


Fig. 9



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- **To ensure product safety performance, please do not modify the product!**
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Maintenance

- Conduct annual visual inspection of all devices. Devices that are heavily contaminated or mechanically damaged must be replaced.
- Any device should be replaced after 12 years of service, independent from the environmental conditions.
- Do not dispose of the product at will after the end of its life. Dispose of it in accordance with relevant national regulations such as the "Regulations on the Administration of Waste Electrical and Electronic Products Recycling and Disposal".

Technical data

Operating voltage	DC 12...33 V
Operating current (quiescent)	0.25 mA
Activation current	0.85 mA
Operating temperature	-10...+55 °C
Storage temperature	-20...+60 °C
Humidity	≤95 %
Communication protocol	C-NET
Connection terminals	1.0... 2.5 mm ²
Color	Red, RAL3000

Ordering Information

Type	Material no.	Designation	Weight
FDM230-CN	S54311-F26-A1	Manual call point	0.122 kg