POTTER NOHMI
The Symbol of Protection

MCM

MINIATURE CONTACT MO

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/08/17

c UL us LISTED
S2930 7165-0328:0196

Product includes a 5 year warranty

Features

- Used to monitor contact devices such as pull stations where the device can be placed in the enclosure
- SLC Class A (Style 6, 7) & Class B (Style 4) wiring
- IDC Class B (Style B) wiring
- All terminals are power limited
- All wiring is supervised
- 100 ohms from module to EOLR
- This addressable module does not support 2-wire detectors
- Terminals accept #14 (max.) and #22 (min.)
- Maximum standby and alarm current, 250 µA
- 32°F to 120°F Temperature Range

Description

The miniature contact module (MCM) module is used to monitor the contact status of an initiating device that contains a normally open contact. The MCM can be programmed in the panel to supervise either a Normally-open or Normally-closed contact on the Fire Alarm Control Panel (FACP). When the Normally-open contact is selected, and the contact is closed, the MCM reports its condition to FACP. Likewise when the Normally-closed contact is set to a supervising condition, and the contact is opened, the MCM reports its condition to FACP. MCM supervises an open circuit of wiring connected to the terminal C and NO contact.

The MCM is generally used to monitor pull stations and other devices where the module is installed in an electrical box or enclosure. The contact utilizes a terminal block that is covered in accordance with UL requirements to protect from inadvertent shorts and ground faults. The MCM does not include an LED for indication of an activated condition.

NOTICE

All terminals are power limited and should be wired in accordance with the requirements of NFPA 70 (NEC) and NFPA 72 (National Fire Alarm Code). Failure to follow the wiring diagrams in the following pages will cause the system to not operate as intended. For further information, refer to the control panel installation instructions.

For more information refer to a compatible control panel manual.

Setting the Address

Each addressable module, smoke sensor, heat detector and combination sensor/detector must have the address set before connecting the device to the SLC loop. The address is set using the hand held device programmer or the addressing feature on the control panel.

Before connecting a device to the SLC loop, take the following precautions to prevent potential damage to SLC or device. Verify the following:

1. Power to the device is removed
2. Field wiring is correctly installed.
3. Field wiring has no open or short circuits.

Document discrepancies and notify appropriate personnel.

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Wiring Diagrams

Figure 1: Wiring diagram in case of supervising Normally-Open contact