



MCM

MINIATURE CONTACT MODULE



P/N 99244



Features

- Used to monitor 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
- All wiring is between #14 (max) and #22 (min) AWG
- Maximum standby and alarm current 250 μ m
- 32°F to 120°F Temperature Range
- For JFS-A Series control panels or JFS-IP Series control panels using Nohmi protocol

Note: This addressable module does not support 2-wire detector

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-close contact is set as 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.

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.

CAUTION

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.

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.



Installation

- Mounts to a 2-1/2" deep single gang backbox
- Can also be mounted to DIN3 type mounting rail

Wiring Diagram

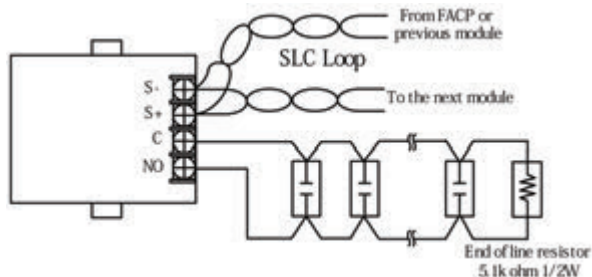


Figure 1: Wiring diagram in case of supervising Normally-open contact

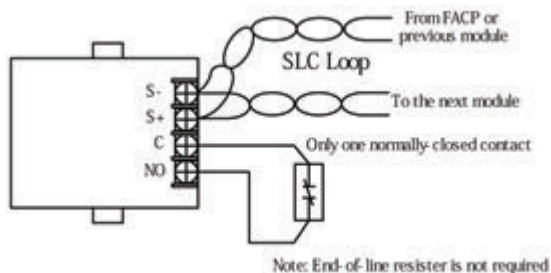


Figure 2: Wiring diagram in case of supervising Normally-closed contact

Ordering Information

| Model Number | Description | P/N |
|--------------|--------------------------|-------|
| MCM | Miniature Contact Module | 99244 |

Note: Approvals/Listings maintained by and manufactured by Potter Electric Signal Company.

The seller makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, except as expressly stated in the seller's sales contract or sales acknowledgment form. Every attempt is made to keep our product information up-to-date and accurate. All specific applications cannot be covered, nor can all requirements be anticipated. All specifications are subject to change without notice.



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