



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 wiring style is applicable to the NFPA Class A (Style 6, 7) & Class B (Style 4).
- IDC wiring style is applicable to the NFPA Class B (Style B).
- SLC loop wiring (S+, S-) and initiating device wiring (C, NO) are power limited.
- All wiring is supervised.
- This addressable module does not support 2-wire detectors.
- All wiring is between #14 (max) and #22 (min)

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.

⚠ 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 prior connecting the device to the SLC loop. The address is set using the hand held device programmer.

Prior to connecting a device to the SLC loop, the following precautions should be taken to prevent potential damage to SLC or device. Verify the following before proceeding. Document discrepancies and notify appropriate personnel.

1. Power in the Addressable Module is removed
2. Field wiring on the module is correctly installed.
3. Field wiring has no open or short circuits.



Installation

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

Wiring Diagram

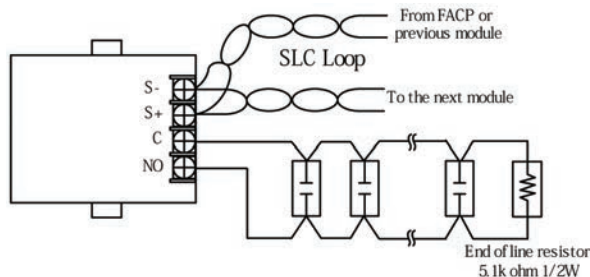


Figure 1: Wiring diagram in case of supervising Normally-open contact

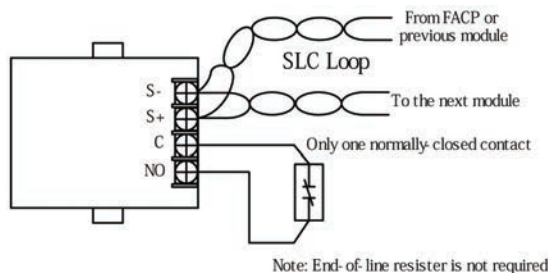


Figure 2: Wiring diagram in case of supervising Normally-closed contact

Ordering Information

Model Number	Description	P/N
MCM	Miniature Contact Module	99244

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

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