



SCM-4

SINGLE CONTACT MODULE



P/N 99243



Features

- For connection with Dry Contact devices (i.e, pull station, waterflow switch, etc)
- 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 detector
- All wiring is between #14 (max.) and #22 (min.)

Description

The SCM-4 module is used to monitor the contact status of a dry contact device (i.e, pull station, waterflow switch, etc) that contains a normally open contact. The SCM-4 can be programmed in the panel to supervise either a Normally-open or Normally-close contact on the Fire Alarm Control Panel (FACP). When the Normally-open contact is selected, and the contact is closed, the SCM-4 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. SCM-4 supervises an open circuit of wiring connected to the terminal C and NO.

SCM-4 employs one red LED to indicate the status. In normal condition, the LED flashes. When the contact is activated, the LED will turn on constantly. In case of open circuit, the LED will turn off.

Since the system allows maximum 13 LEDs on devices to turn on constantly, if system already has 13 lighted LEDs on devices, SCM-4 will not turn on the LED and keep flashing even if the contacts of SCM-4 is activated.

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.

Wiring Diagram

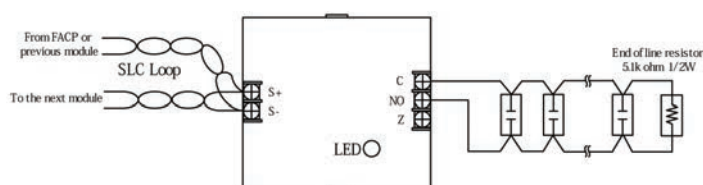


Figure 1: Wiring diagram in case of supervising Normally-open contact

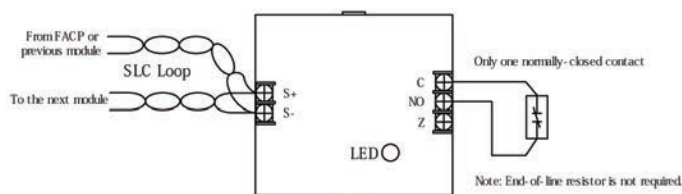


Figure 2: Wiring diagram in case of supervising Normally-closed contact

Ordering Information

Model Number	Description	P/N
SCM-4	Single Contact Module	99243

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

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Installation

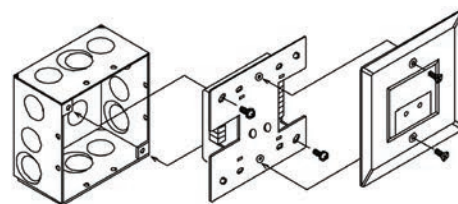


Figure 1: Installation into the compatible electrical box