SCM-4

Single Contact Module

P/N 99243

Features

- For connection with Dry Contact devices (i.e, pull station, waterflow switch, etc)
- SLC Class A (Style 6, 7) & Class B (Style 4) wiring
- IDC NFPA Class B (Style B) wiring
- All wiring is power limited
- 100 ohms from module to EOLR
- All wiring is supervised
- All wiring is between #14 (max.) and #22 (min.) AWG
- Maximum standby and alarm current 250 µm
- 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 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 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.

Wiring Diagram

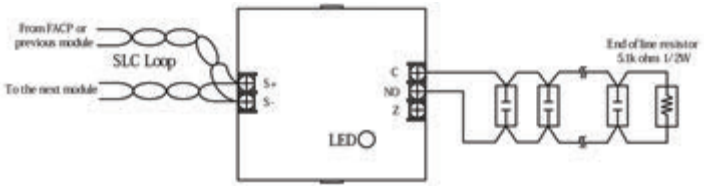

Figure 1: Wiring diagram in case of supervising Normally-open contact

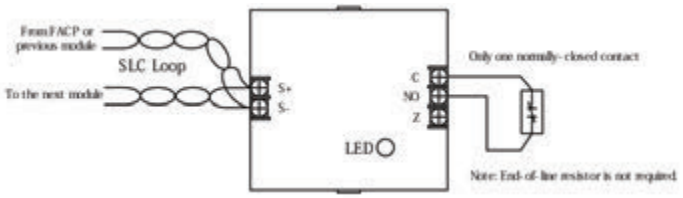

Figure 2: Wiring diagram in case of supervising Normally-closed contact

Installation

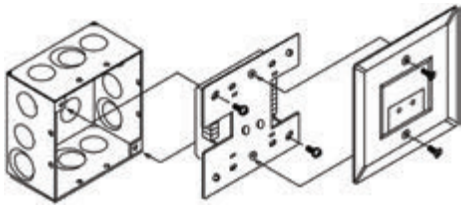

Figure 1: Installation into the compatible electrical box

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.

1102 Rupcich Drive
Millennium Park
Crown Point, IN 46307
TEL: (219) 663-1600 FAX: (219) 663-4562
e-mail: info@janusfiresystems.com
www.janusfiresystems.com