



TRM-4

TWIN RELAY MODULE



P/N 99245

Features

- Two (2) Form C contacts
- Both contacts rated at 2 Amps at 24 VDC/ 0.5 Amps at 125 VAC
- Mounts in 4" or double gang box
- Contacts operate simultaneously
- Power limited or non-power limited based on power source
- Maximum standby and alarm current, 250 μ A
- Status LED to indicate status
- Wire terminal accessible with module mounted
- For JFS-A Series control panels or JFS-IP Series control panels using Nohmi protocol



Description

The TRM-4 module has two Form C relay contact that can be programmed to activate when mapped devices detect active conditions. Those two Form C relay contacts shall activate simultaneously.

TRM-4 employs one red LED to indicate the status. In normal condition, the LED flashes. When the relay contact is activated, the LED will turn on constantly.

The system has a maximum of 13 LEDs that can be activated simultaneously. If the system already has 13 LEDs on, the TRM-4 will operate even though the LED will not illuminate.

	Normally Open	Normally Closed
Contact 1	C1 & NO1	C1 & NC1
Contact 2	C1 & NC2	C2 & NC2

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.

For more information refer to the Fire Alarm 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.



Installation

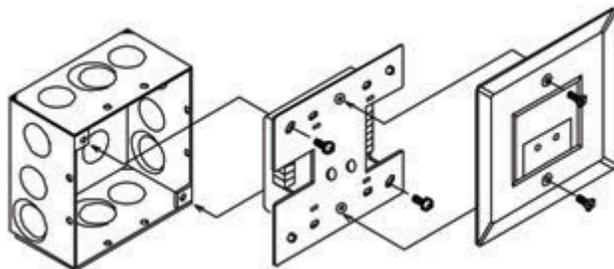


Figure 1: Installation into the compatible electrical box

Wiring Diagram

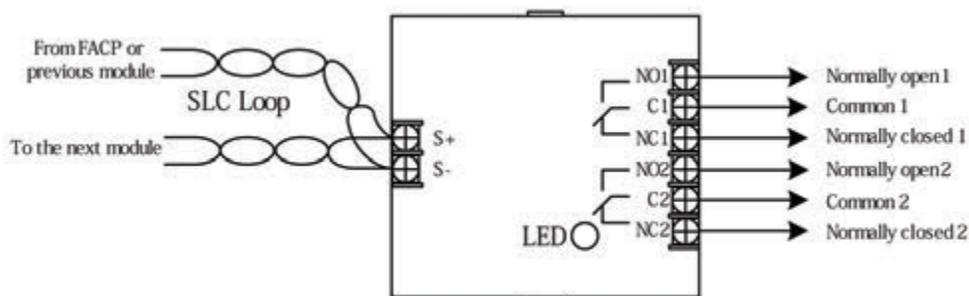


Figure 2: Wiring diagram of TRM-4

CAUTION

Before connecting an output device, connect the module to the SLC loop and reset it with the FACP. This is necessary to ensure that the internal relay is unlatched. Connection of the module with this relay in the latched state (terminal between NO1 and C1, and NO2 and C2 are short) will activate the output device possibly causing damage.

Ordering Information		
Model Number	Description	P/N
TRM-4	Twin Relay Module	99245

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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