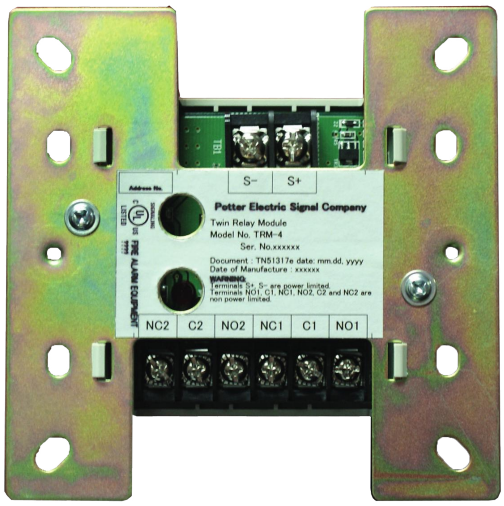
POTTER NOHMI
The Symbol of Protection

TRM-4

TWIN RELAY MODUL

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 06/08/17



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Product includes a 5 year warranty

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 simlutaneously
- Power limited or non-power limited based on power source
- Maximum standby and alarm current, 325 µA
- Status LED to indicate status
- Wire terminal accessible with module mounted

Description

The TRM-4 module is a two Form C relay contact that is programmed to activate when mapped devices are activated. The two Form C relay contacts 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

NOTICE

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 toa compatible 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.

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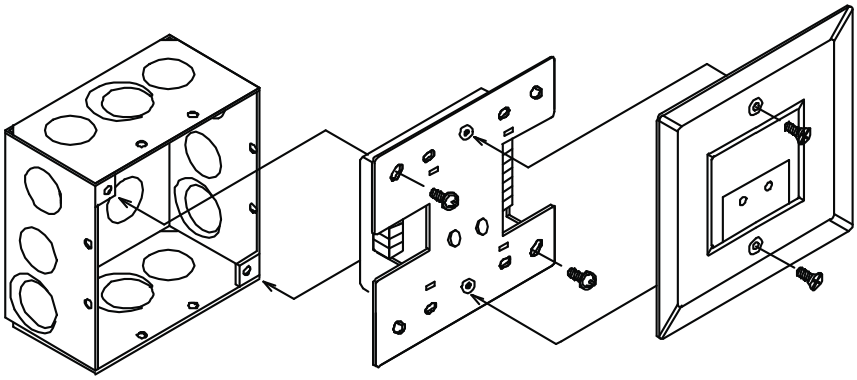
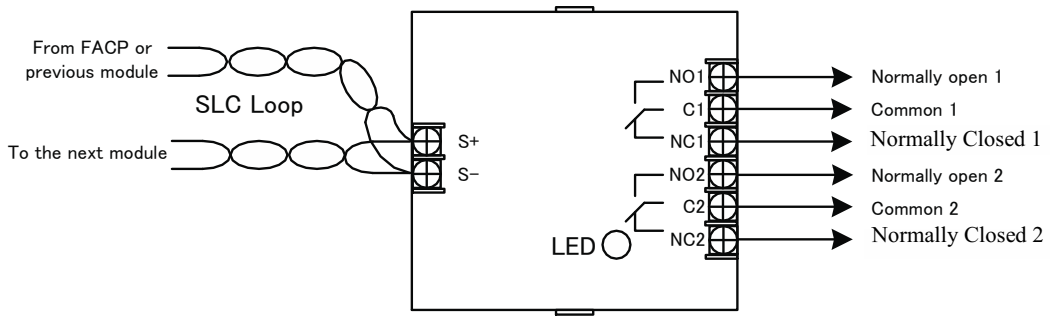
Installation

Figure 1: Installation into the compatible electrical box



Wiring Diagram

Figure 2: Wiring diagram of TRM-4



NOTICE

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.