



PAD100-OROI

ONE RELAY ONE INPUT MODULE



P/N 97664

Features

- One (1) Class B monitoring input
- One (1) Form C relay contact
- SLC Class A, Class X, & Class B
- Mounts in a standard 4" or double gang box
- Wiring terminals accessible when mounted in box
- All wiring terminals accept 22 to 12 AWG

NOTE: This addressable module does not support 2-wire smoke detectors.

Specifications

Operating Voltage: 24.0V

Max SLC Standby Current: 240µA

Max SLC Alarm Current: 240µA

Relay Contacts: 2A @30VDC, 0.5A @125VAC

Max Wiring Resistance of IDC: 100 Ω

Max Wiring Capacitance of IDC: 1µF

EOL Resistor: 5.1K Ω

Operating Temperature Range: 32 to 120°F (0 to 49°C)

Operating Humidity Range: 0 to 93% (non-condensing)

Max no. of Module Per Loop: 127 units

Dimensions: 4.17" × 4.17" × 1.14" (106 mm x 106 mm 29 mm)

Mounting Options: Standard 4" Square or Double Gang Box

Shipping Weight: 0.6 lbs

Description

The PAD100-OROI uses one (1) SLC loop address when monitoring one (1) Class B circuit and providing one (1) Form C relay contact. The module mounts on either a 4" square or double gang box. The module is capable of monitoring one (1) Class B circuit. The PAD100-OROI includes one red LED to indicate the module's status. In normal condition, the LED flashes when the device is being polled by the control panel. When a the input is activated, the LED will flash at a fast rate.

Application

The PAD100-OROI is compatible with JFS-IP series addressable fire alarm control panels. The PAD100-OROI is an interface module used to monitor dry contact devices such as sprinkler water-flow, valve tamper switches, or conventional pull stations. The module is capable of monitoring one Class B circuit. The PAD100-OROI also provides one (1) form C relay contact.

Setting the Address

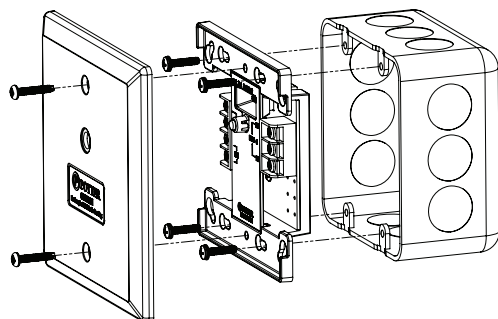
Each addressable SLC device must be assigned an address. The address is set using the DIP switch located on the PAD100-OROI. When the PAD100-OROI is used to monitor one Class B circuit a single device address is assigned, the input and relay are then identified as a sub-point of the module address. For example, if the address number is assigned as "8", the RLY1 relay will be "8.1" and the IN1 input will be "8.2".

Before connecting a device to the SLC loop, take the following precautions to prevent potential damage to the panel or device:

1. Power to the device is removed.
2. Field wiring is correctly installed.
3. Field wiring has no open or short circuits.



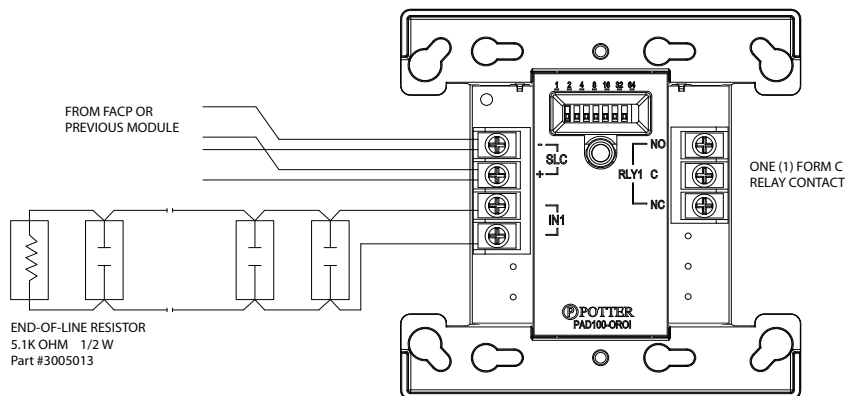
Installation



NOTE: It is possible that the internal relay in the PAD100-OROI may be shipped in the non-normal / activated state. To ensure that the internal relay is set to the normal state, connect the module to the SLC loop and reset the control panel before terminating the wiring to the modules output.

Wiring

PAD100-OROI With One Class B Circuit



Ordering Information		
Model Number	Description	P/N
PAD100-OROI	One Relay One Input Module	97664

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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