



PAD100-NAC

NOTIFICATION APPLIANCE CIRCUIT



P/N 97659

Features

- Monitored output module that provides an additional supervised output
- Can be used as either a NAC or Releasing Output
- NAC can be wired Class A or Class B
- Monitors presence of 24 VDC Aux Power
- 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

Specifications

Operating Voltage: 24.0V

Max SLC Standby Current: 200µA

Max SLC Alarm Current: 200µA

Aux Power Required: 16-33 VDC

Output Ratings: 24 VDC, 2A

EOL Resistor: 5.1K Ω

EOL Resistor Diode: EOLR 3005012 (P/N 18712) for Releasing Applications (Must Be Ordered Separately)

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" x 4.17" x 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-NAC module uses one (1) address on an SLC Loop. The module provides a programmable source of power to supervise and control one (1) Class B or Class A Notification Appliance or one (1) Class B Releasing Circuit. The module requires and supervises a 24 VDC auxiliary power connection. The PAD100-NAC 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.

Application

The PAD100-NAC is compatible with JFS-IP series addressable fire alarm control panels. The PAD100-NAC is a monitored Notification Appliance Circuit that wires to the SLC loop to provide an additional notification circuit. When used with an addressable releasing panel, the PAD100-NAC can provide an additional releasing circuit.

Setting the Address

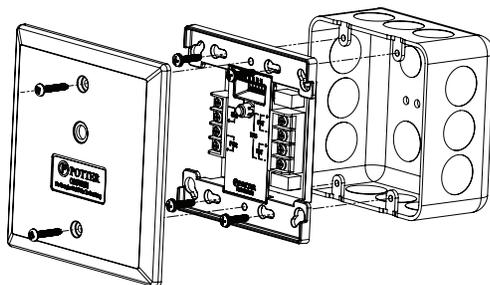
Each addressable SLC device must be assigned an address. The address is set using the DIP switches on the PAD100-NAC module.

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

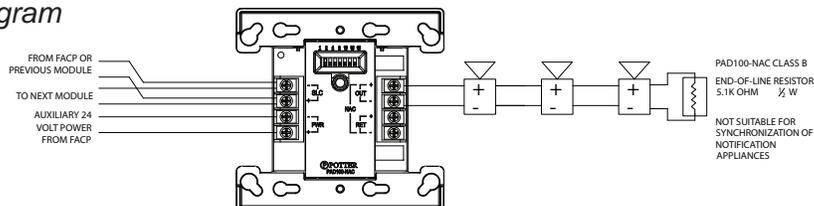


NOTE: It is possible that the internal relay in the PAD100-NAC may be shipped in the non-normal / activated state. To ensure that the internal relay is set to the normal state, connect the module to the SLC loop and reset the control panel before terminating the wiring to the modules output.

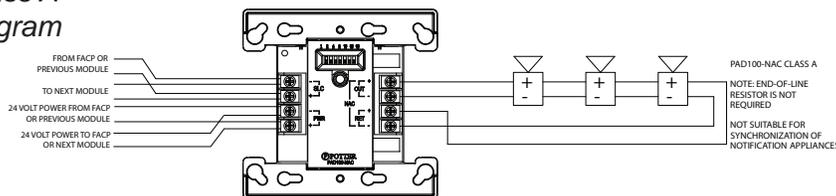
Wiring

Output Connected to a Notification Appliance Circuit

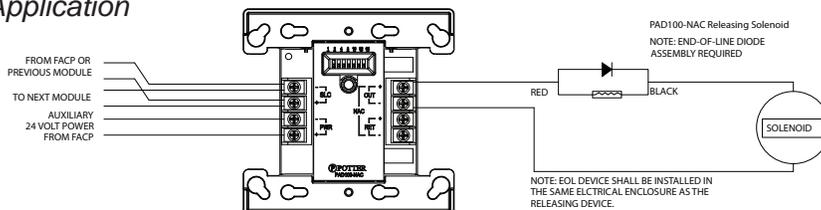
Typical Class B
Wiring Diagram



Typical Class A
Wiring Diagram



Releasing Application



Ordering Information

| Model Number | Description | P/N |
|--------------|---|-------|
| PAD100-NAC | Notification Appliance Circuit | 97659 |
| EOLD 3005012 | EOL Resistor/Diode Assembly for Releasing Circuit | 18712 |

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.



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