



# PAD100-DIM

## DUAL INPUT MODULE



P/N 97663

### Features

- Single module with dual contact monitoring inputs
- Two (2) Class B or one (1) Class A monitoring inputs
- 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  
 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-DIM uses one (1) SLC loop address when monitoring two (2) Class B circuits or one (1) Class A circuit. The module mounts on either a 4" square or double gang box. The module is capable of monitoring two (2) separate class B circuits making it ideal for monitoring sprinkler waterflow and valve tamper switches when they are located in the same proximity. The PAD100-DIM 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 an input is activated, the LED will flash at a fast rate.

### Application

The PAD100-DIM is compatible with JFS-IP series addressable fire alarm control panels. The PAD100-DIM is an interface module used to monitor dry contact devices such as sprinkler waterflow, valve tamper switches, or conventional pull stations. The module is capable of monitoring two separate Class B or one Class A circuits.

### Setting the Address

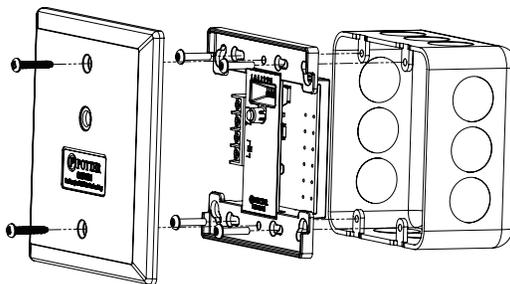
Each addressable SLC device must be assigned an address. The address is set using the DIP switch located on the PAD100-DIM. When the PAD100-DIM is used to monitor two individual Class B circuits a single device address is assigned, each input is then identified as a sub-point of the module address. For example, if the address number is assigned as "8", the first input will be "8.1" and the second 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.

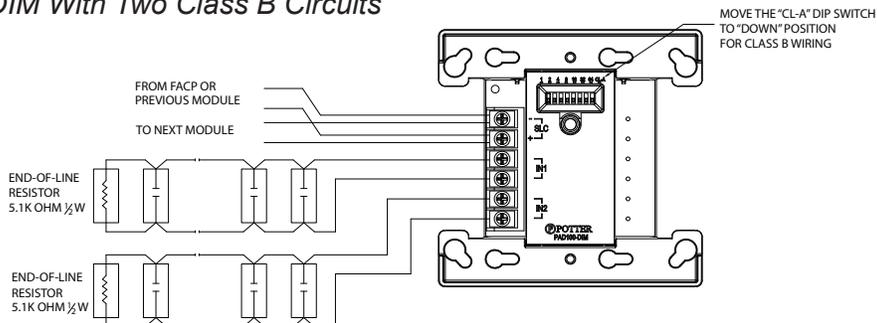


## Installation

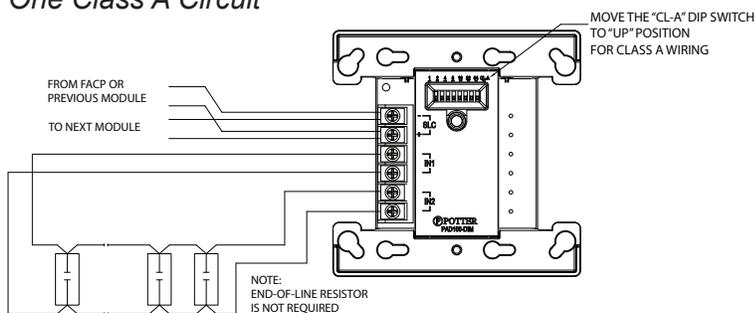


## Wiring

### PAD100-DIM With Two Class B Circuits



### PAD100-DIM With One Class A Circuit



## Ordering Information

Model Number	Description	P/N
PAD100-DIM	Dual Input Module	97663

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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