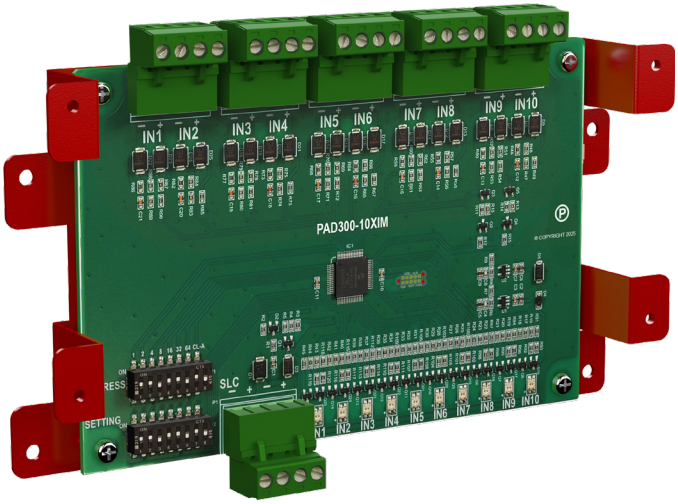
PAD300-10XIM

Ten Input Module

Features

- Up to 5 Class A or 10 Class B inputs
- SLC device addressed using dip switches
- Bi-color status indicators for each input
- Plug-in terminal blocks
- Mounts with included stacker bracket
- Mounts in large panels, accessory cabinets (AE-2, AE-8 or AE-14), or the PSN-1000E power supply
- Product includes 5-year warranty



Description

The PAD300-10XIM monitors up to ten (10) Class B or five (5) Class A inputs. It is designed for dry contact devices such as manual pull stations, waterflow switches, and supervisory inputs. Each input has a bi-color status LED, and DIP switches are used to set wiring style, input address, and used/unused status.

The PAD300-10XIM is compatible with Potter's IPA and AFC/ARC series addressable fire alarm control panels. The PAD300-10XIM can be mounted in either a compatible fire alarm panel, the PSN-1000E, or the AE-2, AE-8, or AE-14 expander cabinets. Each module is mounted to the exclusive Stacker Bracket for secure and accessible mounting.

LED Modes

Mode	Conditions
Red	Short Circuit
Green	Normal

Technical Specifications

Operating Voltage	24.0 VDC
Max SLC Standby Current	1.5 mA
Max LED Latching Current	1.5 mA (each LED)
Max SLC Alarm Current	15 mA
Max SLC Wiring Resistance	50 Ω
Input Zone Capacitance	1µF
Max IDC Voltage	6VDC
Max IDC Current	400 µA
Max IDC Wiring Resistance	100 Ω
EOL Resistor	5.1K Ω
Operating Humidity Range	0% to 93% (non-condensing)
Operating Temperature	32ºF to 120ºF (0 to 49ºC)
Storage Temperature	-4ºF to 158ºF (-20ºC to 70ºC)
Wire Gauge	12 AWG to 22 AWG
Dimensions	7.3"L × 4.9"W× 1.1"D
Weight	0.68 lbs
Mounting Options	Stacker Bracket - Large addressable panels, large power supply, AE accessory cabinets

Device Set-Up

The PAD300-10XIM has two DIP switch banks used to configure each input address, define the wiring style, and configure the used/unused status for each circuit.

The PAD300-10XIM must be addressed prior to connecting it to the panel's SLC loop. The DIP switch labeled ADDRESS is used to set the starting address for all active inputs. Once the starting address is set, consecutive addresses will automatically be assigned to the remaining active inputs.

- Class A wiring: up to 5 total addresses are used
- Class B wiring: up to 10 total addresses are used

For example, in Class B wiring, if the DIP switch is set to address 10, the PAD300-10XIM will use addresses 10–19. Inputs are classified in the programming software as:

- PAD-SIM/MIM when configured for Class B
- PAD-DIM when configured for Class A

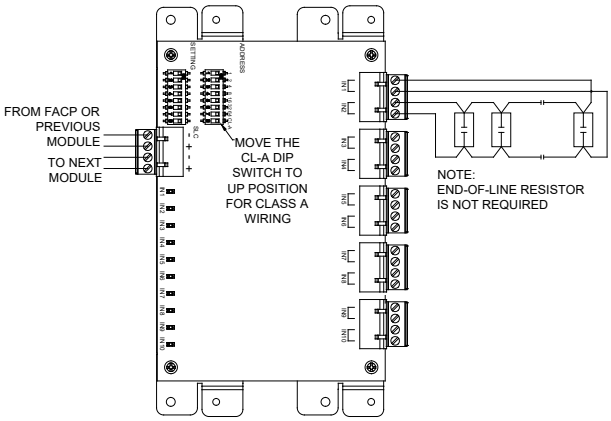
To configure input circuits on the PAD300-10XIM as unused, use the SETTINGS DIP switch and the following settings:

Dip Switch Position (ON)	Unused Addresses (Class B)	Unused Address (Class A)
1	1, 2	1
2	3, 4	2
3	5, 6	3
4	7, 8	4
5	9, 10	5

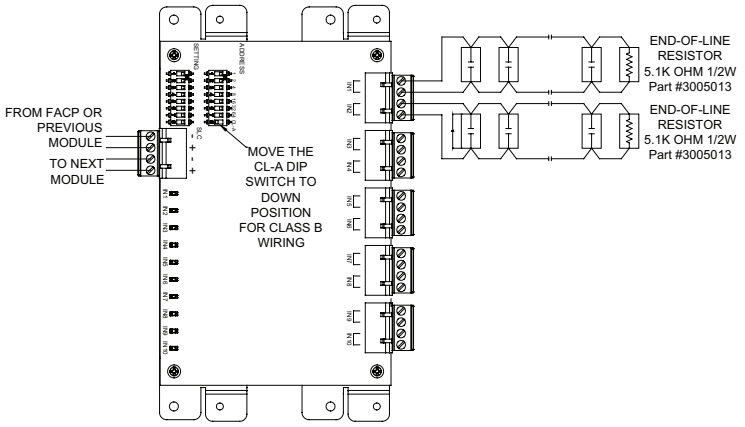
Any address configured as "unused" becomes available for use by other devices on the SLC loop.

NOTE: If an address previously configured as "unused" on the PAD300-10XIM is later enabled, any other SLC devices using those addresses must be reassigned, since the PAD300-10XIM reserves consecutive addresses within the programming software.

Class A Wiring Diagram:



Class B Wiring Diagram:



Ordering Information:

Model	Description	Stock No.
PAD300-10XIM	Ten Input Module	3992718