



# PAD100-IM

## ISOLATOR MODULE



P/N 97658

### Features

- Isolates short circuits within the SLC loop.
- SLC Class A, Class X & Class B
- Mounts in a standard 4" or double gang box
- Wire terminals accessible when mounted in box
- All wiring terminals accept 22 to 12 AWG

### Specifications

Operating Voltage: 24.0V  
 Max SLC Standby Current: 100µA  
 Max SLC Short Circuit Current: 2.75mA  
 Max no. of PAD100-IM on SLC loop: 254 Units  
 Operating Temperature Range: 32 to 120°F (0 to 49°C)  
 Operating Humidity Range: 0 to 93% (non-condensing)  
 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

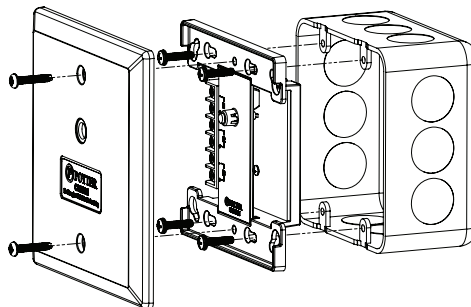
### Description

The PAD100-IM module does not require an SLC loop address but does consume power from the SLC loop. The module provides protection against short circuits by limiting the number of affected devices. When the PAD100-IM detects a short circuit on the SLC loop, it disconnects the outgoing side of the module to prevent the short from affecting the rest of the SLC loop. The PAD100-IM includes one red LED to indicate the modules status. When the module is shorted, the LED will light continuously. Once the short is removed, the PAD100-IM will automatically restore to a cleared condition.

### Application

The PAD100-IM is compatible with JFS-IP series addressable fire alarm control panels. The PAD100-IM is used to provide additional reliability by isolating a segment of the SLC loop where a short circuit has occurred.

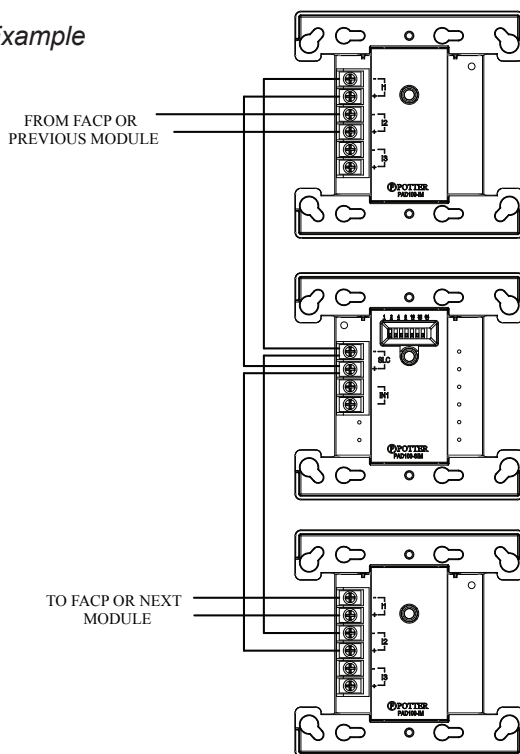
### Installation





## Wiring

PAD100-IM Class X Example



### Ordering Information

Model Number	Description	P/N
PAD100-IM	Isolator Module	97658

*Note: Approvals/Listings maintained by and manufactured by Potter Electric Signal Company.*

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