

Farenhyt

IDP-Monitor-2

Addressable Monitor Module



MEA

457-99-E Vol. V

Description

The IDP-Monitor-2 is an addressable monitor module with two initiating circuits for use with Silent Knight IFP-series fire alarm control panels (FACPs). The IDP-Monitor-2 acts as an interface to contact devices, such as waterflow switches and pull stations.

The IDP-Monitor-2 supports Class B supervised wiring to the load device. Conventional 4-wire smoke detectors can be monitored for alarm and trouble conditions.

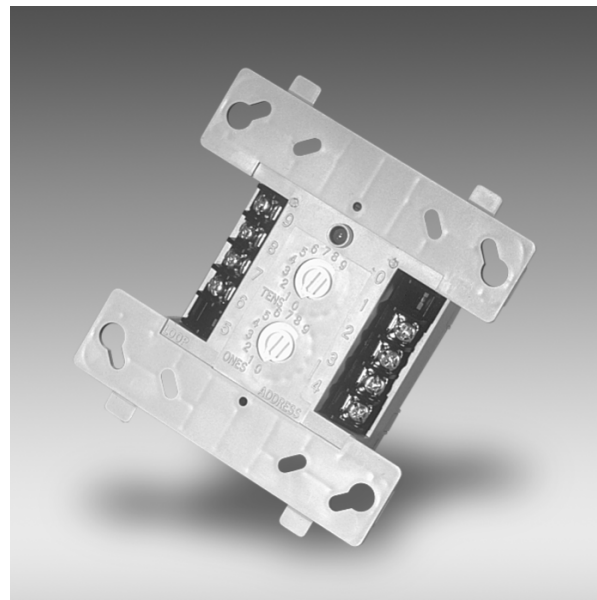
Because the IDP-Monitor-2 is capable of monitoring two separate Class B circuits, it is ideal for waterflow tamper switch and flow switch monitoring

Features

- Monitor two circuits, with unique addresses, simultaneously
- Support for Class B wiring
- Fully supervised
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- Attractive ivory cover plate
- Rotary address switches for fast installation
- SEMS screws for easy wiring
- UL Listed

Installation

The IDP-Monitor-2 mounts directly into a 4" square electrical box. The box must have a minimum depth of 2-1/8". A surface mount electrical box (PN SSSMB500; System Sensor® PN SMB500) is available from Silent Knight.



IDP-Monitor-2

Compatibility

The IDP-Monitor-2 is compatible with the following FACPs:

- IFP-2000 Intelligent Fire Panel
- IFP-1000 Intelligent Fire Panel
- IFP-100 Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

Ordering Information

IDP-Monitor-2 Dual Monitoring Module

Accessories

SSSMB500* 4" Square Surface Mount Electrical Box

* For ordering purposes, an SS has been added to the System Sensor part numbers. Example—System Sensor PN for SSB501 is B501.

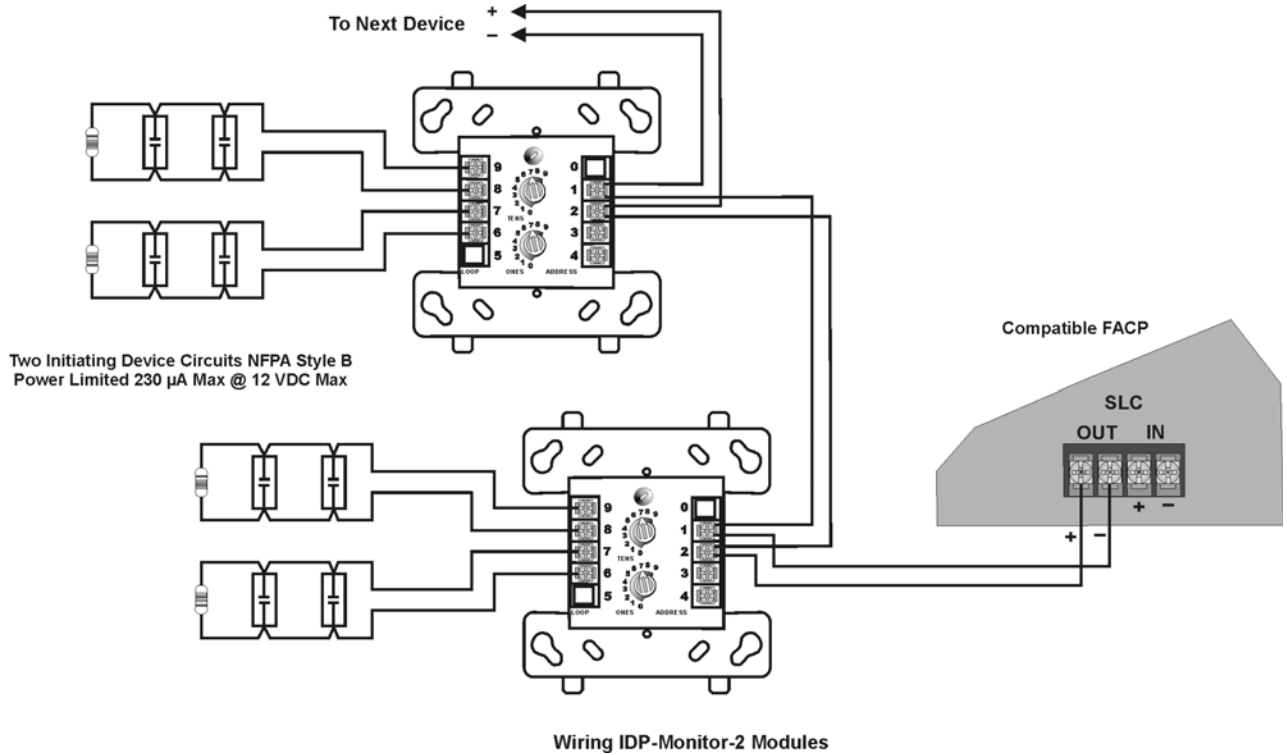


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Specifications

Physical

Height: 4.5" (11.4 cm)

Width: 4" (10.2 cm)

Depth: 1.3" (3.2 cm)

Shipping Weight: 6.3 oz (196 g)

Electrical

Operating Voltage: 15 – 32 VDC

Current Draw (LED on): 5.7 mA max

Operating Current (LED flashing): 750 μ A

Standby Current:

750 μ A max @ 24 VDC (one communication every 5 sec with 47K EOL)

970 μ A max @ 24 VDC (one communication every 5 sec)

End-of-Line Resistance: 47K $\frac{1}{2}$

Initiating Device Circuit Wiring Resistance:

1,500 $\frac{1}{2}$ max

SLC Line Loop Resistance: 40 $\frac{1}{2}$ max.

Environmental

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

Humidity: 10% – 93% non-condensing



This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific application or anticipate all requirements. All specifications are subject to change without notice. For more information contact Silent Knight 7550 Meridian Circle, Suite 100, Maple Grove, MN 55369-4927 Phone: (800) 328-0103, fax (763) 493-6475
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