Farenhyt

IDP-Monitor

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

The IDP-Monitor supports Class A supervised or Class B supervised wiring to the load device. Conventional 4-wire smoke detectors can be monitored for alarm and trouble conditions.
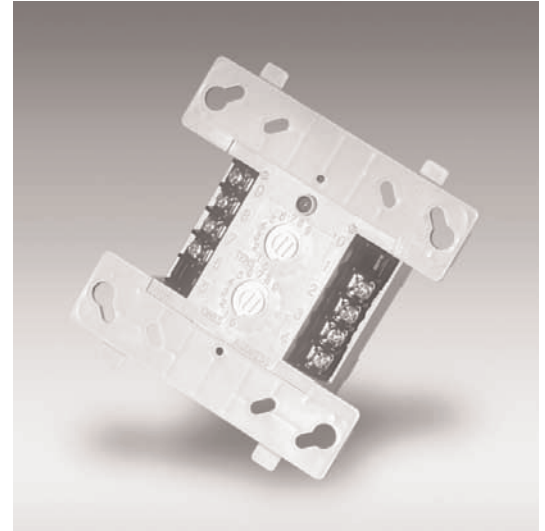
Features
- Single contact monitor
- Support for Class A and Class B wiring
- Fully supervised
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- Attractive ivory cover plate
- Rotary address switches for fast installation
- SEMS screws for easy wiring
- UL Listed

Installation
The IDP-Monitor 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) is available from Silent Knight.

IDP-Monitor

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

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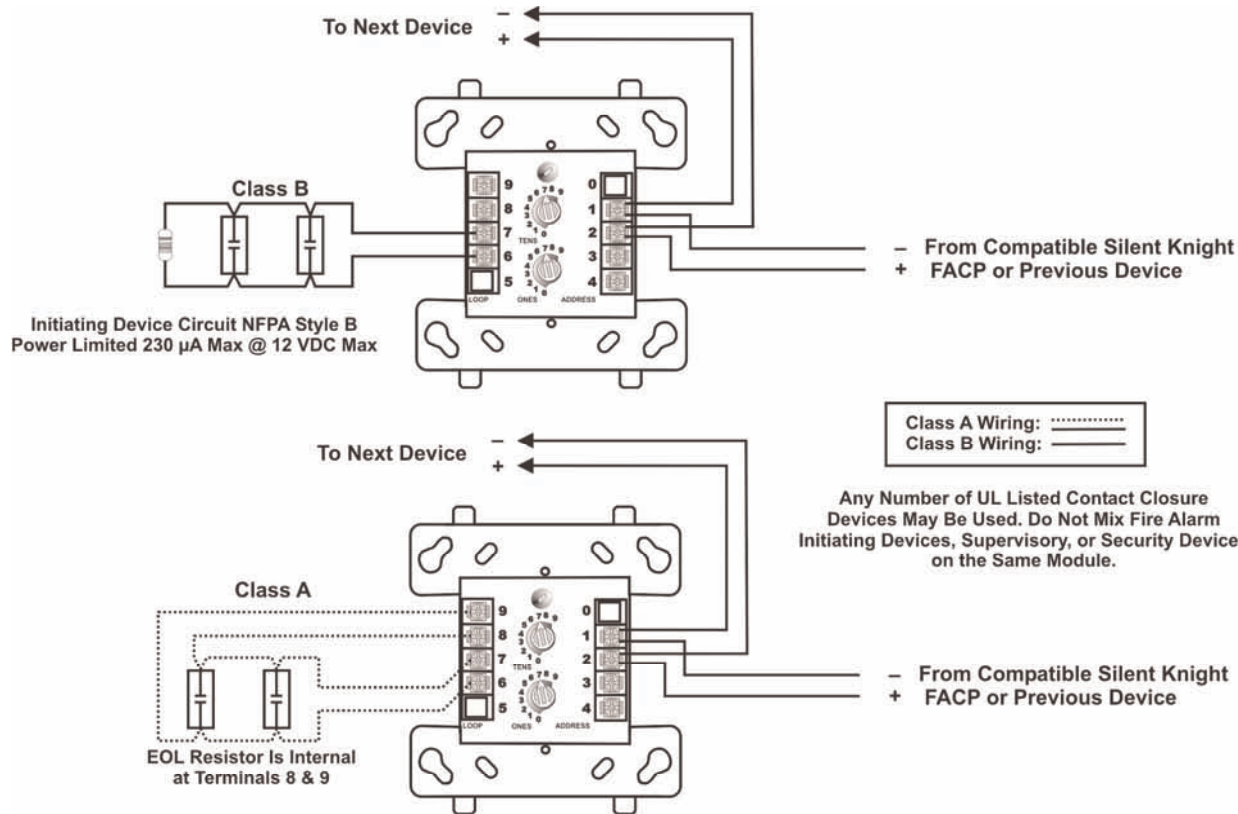- IFP-50 Intelligent Fire Panel

To Next Device − +

Class B

Initiating Device Circuit NFPA Style B
Power Limited 230 µA Max @ 12 VDC Max

− **From Compatible Silent Knight**
+ **FACP or Previous Device**

To Next Device − +

Class A Wiring: ·············
Class B Wiring: ————

Any Number of UL Listed Contact Closure
Devices May Be Used. Do Not Mix Fire Alarm
Initiating Devices, Supervisory, or Security Devices
on the Same Module.

Class A

EOL Resistor Is Internal
at Terminals 8 & 9

− **From Compatible Silent Knight**
+ **FACP or Previous Device**

Wiring IDP-Monitor Modules

Specifications

Physical
Height: 4.5" (11.4 cm)

Width: 4" (10.2 cm)

Depth: 1.25" (3 cm)

Shipping Weight: 6.3 oz (196 g)

Electrical
Operating Voltage: 15 – 32 VDC

Current Draw (LED on): 5.0 mA max

Operating Current (LED flashing): 375 µA

Standby Current:

  400 µA max @ 24 VDC (one communication every 5 sec with 47K EOL)

  550 µA max @ 24 VDC (one communication every 5 sec with EOL <1K)

  5.5 mA (with LED latched on)

LED Current: 5.5 mA (with LED latched on)

End-of-Line Resistance: 47K

Initiating Device Circuit Wiring Resistance: 1,500   max

SLC Loop Resistance: 40   max.

Environmental
Operating Temperature: 32ºF – 120ºF (0ºC – 49ºC)

Humidity: 10% – 93% non-condensing

Ordering Information
IDP-Monitor   Monitoring Module

Accessories
SSSMB500   4" Square Surface Mount Electrical Box

SILENT KNIGHT
by Honeywell

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 applications 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.

Made in the U.S.A.