Farenhyt

SILENT KNIGHT

by Honeywell

Addressable Monitor Module

IDP-Monitor-2

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 (System Sensor® PN SMB500) is available from Silent Knight.
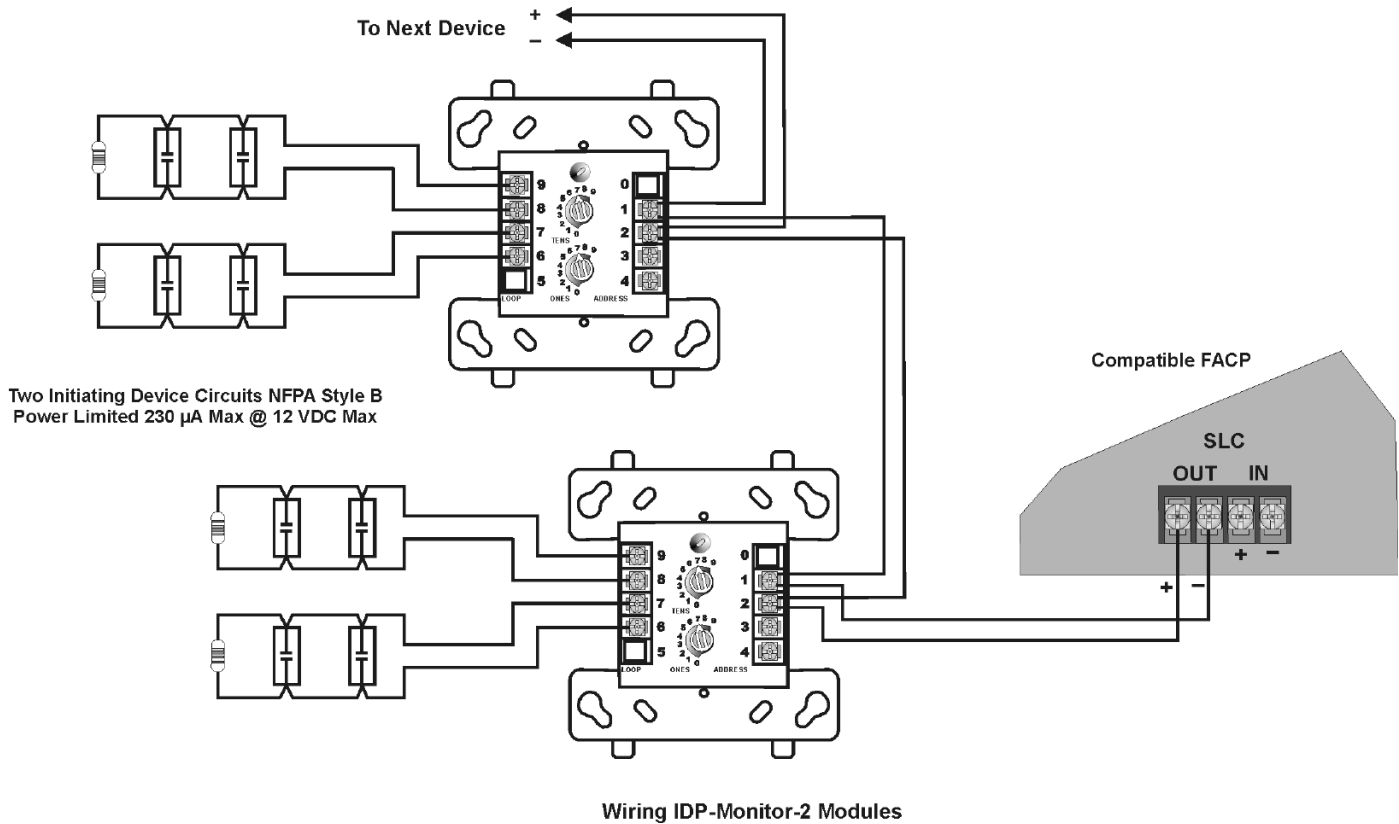
IDP-Monitor-2

Compatibility

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

• IFP-2000 / RPS-2000 Intelligent Fire Panel

• IFP-1000 / ECS Intelligent Fire Panel

• IFP-100 / ECS Intelligent Fire Panel

• IFP-50 Intelligent Fire Panel

To Next Device + −

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

Compatible FACP

SLC

OUT   IN

+   −

Wiring IDP-Monitor-2 Modules

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 µA

Standby Current:

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

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

End-of-Line Resistance: 47K Ω

Initiating Device Circuit Wiring Resistance: 1,500 Ω max

SLC Line Loop Resistance: 40 Ω max.

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

Humidity: 10% – 93% non-condensing

Ordering Information
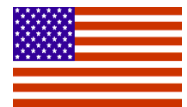IDP-Monitor-2   Dual Monitoring Module

Accessories
SMB500   4" Square Surface Mount Electrical Box