Fire Systems West, Inc.
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(253) 833-1248

FIRE ALARM
Equipment Submittal

FOR

Tandoori Grill
4423 S Meridian, Suite 715
Puyallup, WA 98373

Farenhyt

SILENT KNIGHT
by Honeywell

Intelligent Device

Addressable Monitor Module

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

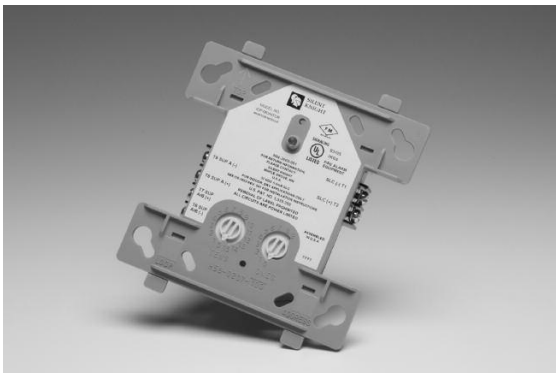
- Single contact monitor
- Support for Class A and Class B wiring
- Fully supervised
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- Attractive ivory cover plate
- Rotary address switches for fast installation
- SEMS screws for easy wiring
- UL Listed

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 (System Sensor® PN SMB500) is available from Silent Knight.

Agency Listings

MEA
386-0-E-Vol 2



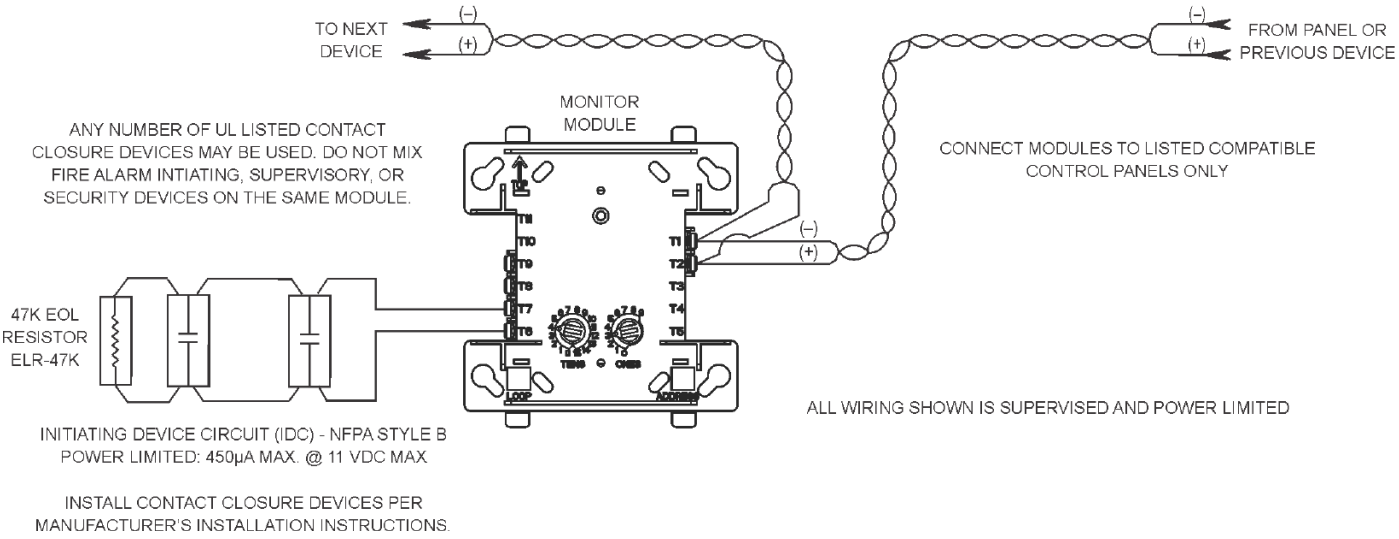
IDP-Monitor

Compatibility

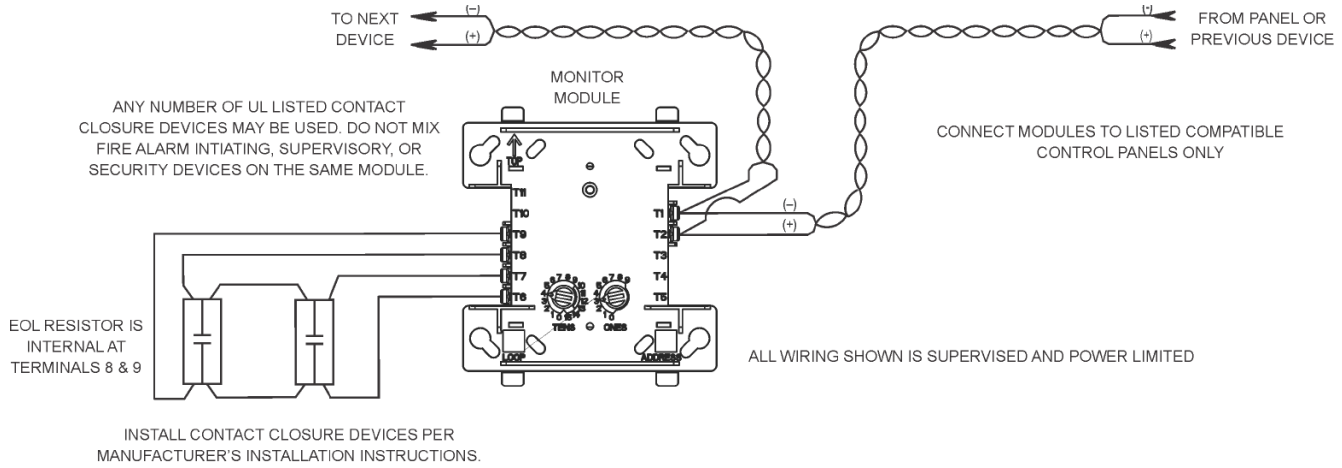
The IDP-Monitor is compatible with the following FACPs:

- IFP-2000 / RPS-2000 Intelligent Fire Panel
- IFP-2000ECS Emergency Communication System with Fire Panel
- IFP-1000 / ECS Intelligent Fire Panel
- IFP-100 / ECS Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

P/N 350288 Rev J



Typical Wiring for IDP-Monitor Module, NFPA Style B



Typical Wiring for IDP-Monitor Module, NFPA Style D

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

SLC Standby and Alarm Current Draw: 350 µA

End-of-Line Resistance: 47K Ω

Max. IDC wiring resistance: 1,500 Ω

Max. IDC Voltage: 11 Volts

Max. IDC Current: 450 µA

SLC Loop Resistance: 40 Ω max.

Environmental

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

Humidity: 10% – 93% non-condensing

Ordering Information

IDP-Monitor Monitoring Module

Accessories

SMB500 4" Square Surface Mount Electrical Box