IDP-MONITOR-2

Addressable Dual Monitor Module

The IDP-MONITOR-2 is an addressable monitor module with two initiating circuits for use with Honeywell Farenhyt 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.

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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 Honeywell.
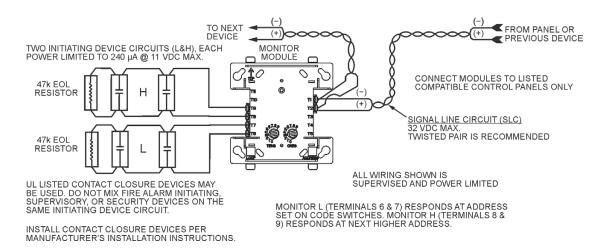
COMPATIBILITY

The IDP-MONITOR-2 is compatible with the following Honeywell Farenhyt Series FACPs:

- IFP-2100 / IFP-2100ECS / RFP-2100

- IFP-2000 / IFP-2000ECS / RPS-2000

- IFP-1000 / IFP-1000ECS

- IFP-300 / IFP-300ECS

- IFP-100 / IFP-100ECS

- IFP-75

- IFP-50

FEATURES & BENEFITS

- 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
- Rotary address switches for fast installation

- SEMS screws for easy wiring
- UL Listed

- CSFM Listed
- MEA Listed 457-99-E Vol. V

IDP-Monitor-2 Technical Specifications

TWO INITIATING DEVICE CIRCUITS (L&H), EACH POWER LIMITED TO 240 µA @ 11 VDC MAX.

47k EOL RESISTOR

47k EOL RESISTOR

UL LISTED CONTACT CLOSURE DEVICES MAY BE USED. DO NOT MIX FIRE ALARM INITIATING, SUPERVISORY, OR SECURITY DEVICES ON THE SAME INITIATING DEVICE CIRCUIT.

INSTALL CONTACT CLOSURE DEVICES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

TO NEXT DEVICE

(−)
(+)

MONITOR MODULE

(−)
(+)

(−)
(+)
FROM PANEL OR PREVIOUS DEVICE

CONNECT MODULES TO LISTED COMPATIBLE CONTROL PANELS ONLY

SIGNAL LINE CIRCUIT (SLC) 32 VDC MAX. TWISTED PAIR IS RECOMMENDED

ALL WIRING SHOWN IS SUPERVISED AND POWER LIMITED

MONITOR L (TERMINALS 6 & 7) RESPONDS AT ADDRESS SET ON CODE SWITCHES. MONITOR H (TERMINALS 8 & 9) RESPONDS AT NEXT HIGHER ADDRESS.

Typical Wiring for IDP-Monior-2 Module, NFPA Style B

PHYSICAL
Dimensions: 4.5" H x 4" W x 1.3 D (11.4 x 10.2 x 3.2cm)
Shipping Weight: 6.3oz (196g)

ELECTRICAL RATINGS
Operating Voltage: 15 – 32VDC
Maximum Current Draw: 6.4mA (LED on)
SLC Standby & Alarm Current: 750µA max @ 24 VDC (one communication every sec with 47k EOL)
End of Line Resistance: 47kΩ

ENVIRONMENTAL
Operating Temperature: 32°-120°F (0°C – 49°C)
Humidity: 10 to 93% non-condensing)

ORDERING INFORMATION
IDP-MONITOR-2: Dual Monitoring Module

ACCESSORIES
SMB500: 4" Square Surface Mount Electrical Box

For more information
Learn more about Honeywell's Farenhyt Series and other products available by visiting www.farenhyt.com

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