Addressable Two-Wire Interface Module

IDP-Zone-6

The IDP-Zone-6 is an addressable zone interface module for use with the Honeywell Farenhyt Series fire alarm control panels (FACPs).

The IDP-Zone-6 provides six zone inputs that allow a Farenhyt FACP to interface and monitor two-wire conventional smoke detectors. This means you can retrofit an existing building and use existing conventional devices.
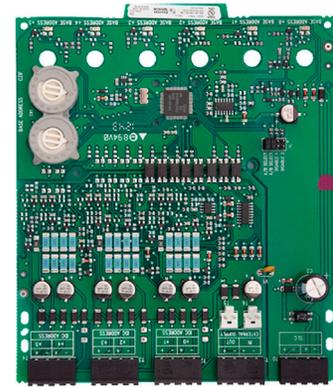
The inputs on the IDP-Zone-6 share a common FACP signaling line circuit (SLC) input, and the initiating device circuits share a common external power supply. Otherwise, each input on the module operates independently from the others. If needed, you can disable a maximum of two unused inputs on the IDP-Zone-6 board.

It transmits the status of a zone of two-wire detectors to the FACP. Status conditions are reported as normal, open, or alarm.The IDP-Zone-6 supervises the zone of detectors and the connection of the external power supply.

All two-wire detectors being monitored must be UL compatible with the IDP-Zone-6.

Installation

The IDP-Zone-6 mounts in the IDP-ACB cabinet (Honeywell P/N IDP-ACB). The IDP-ACB has a built-in chassis that will accommodate one or two IDP Zone-6 modules.

IDP-ZONE-6

Compatibility

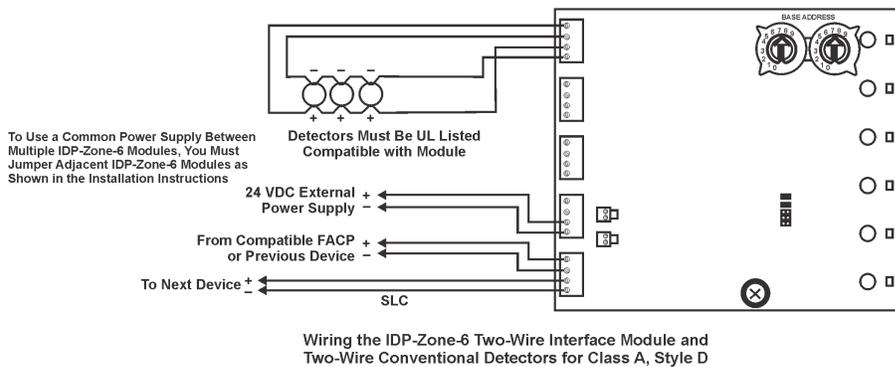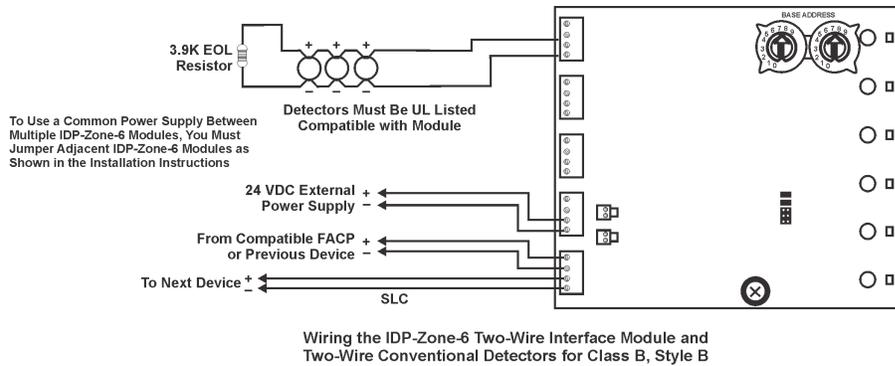The IDP-Monitor-10 is compatible with the following Farenhyt Series FACPs:

- 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

For a list of detectors compatible with the IDP-Zone-6, see the IDP-Zone-6 Installation Instructions. (PN I56-2733-00).

FEATURES & BENEFITS

- Converts a conventional two-wire loop to an SLC loop
- Six zone inputs
- Fully supervised
- Support for Class B and Class A wiring
- Removable 12 to 18 AWG plug-in terminal blocks

- Individual LED for each relay contact
- Two module mounting in the IDP-ACB cabinet
- Up to two unused modules can be disabled
- Rotary address switches for fast installation

- Mounting hardware included
- UL Listed
- CSFM Listed
- MEA Listed 386-02-E Vol. II

IDP-Zone-6 Technical Specifications

3.9K EOL Resistor

To Use a Common Power Supply Between Multiple IDP-Zone-6 Modules, You Must Jumper Adjacent IDP-Zone-6 Modules as Shown in the Installation Instructions

Detectors Must Be UL Listed Compatible with Module

BASE ADDRESS

24 VDC External Power Supply + −

From Compatible FACP or Previous Device + −

To Next Device + −

SLC

Wiring the IDP-Zone-6 Two-Wire Interface Module and Two-Wire Conventional Detectors for Class B, Style B

To Use a Common Power Supply Between Multiple IDP-Zone-6 Modules, You Must Jumper Adjacent IDP-Zone-6 Modules as Shown in the Installation Instructions

Detectors Must Be UL Listed Compatible with Module

BASE ADDRESS

24 VDC External Power Supply + −

From Compatible FACP or Previous Device + −

To Next Device + −

SLC

Wiring the IDP-Zone-6 Two-Wire Interface Module and Two-Wire Conventional Detectors for Class A, Style D

For a complete listing of all compliance approvals and certifications, please visit www.farenhyt.com.

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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 Technical Support, Please call 800-446-6444.

SPECIFICATIONS
Physical: 6.8" H x 5.8"W x 1.25" D
Shipping Weight: 6.3oz (196g)

ELECTRICAL RATINGS
Operating Voltage: 15 to 32VDC
Standby Current: 2mA
Alarm Current: 40mA max. (Assumes all six LEDs solid on)
Initiating Device Circuit: Supervised, power-limited
Max. IDC Wiring Resistance: 25Ω max
External Power Supply
   Standby Current: 50mA
   Alarm Current: 270mA
End-of-Line Resistance: 3.9k Ω

ENVIRONMENTAL
Operating Temperature: 32º-120ºF (0ºC – 49ºC)
Humidity: 10 to 93% non-condensing)

ORDERING INFORMATION
IDP-Zone-6: Six Zone Two-Wire Interface Module

ACCESSORIES
IDP-ACB: Cabinet. 15.25" H x 12.5" W x 3"D

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

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