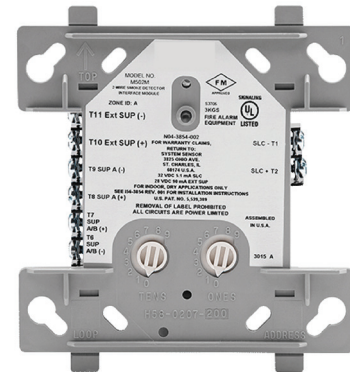# Addressable Two-Wire Interface Module

IDP-Zone

The IDP-Zone is an addressable two-wire interface module for use with the Honeywell Farenhyt Series fire alarm control panels (FACPs). The IDP-Zone allows a Honeywell FACP to interface and monitor two-wire conventional smoke detectors. This means you can retrofit an existing building and use existing conventional devices.

The IDP-Zone is addressed through the signaling line circuit loop of the FACP. It transmits the status of one full zone of two-wire detectors to the FACP. Status conditions are reported as normal, open, or alarm. The IDP-Zone 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.

Installation

The IDP-Zone 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.

IDP-ZONE

Compatibility

The IDP-Zone is compatible with the following Farenhyt Series FACPs:
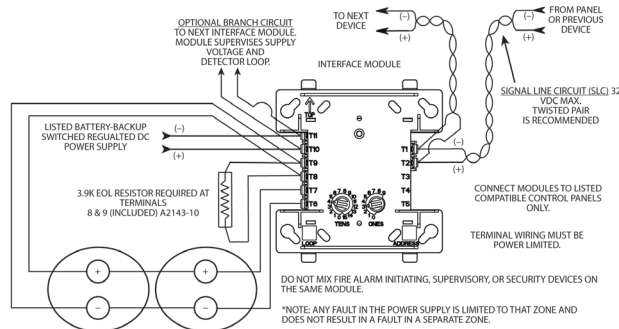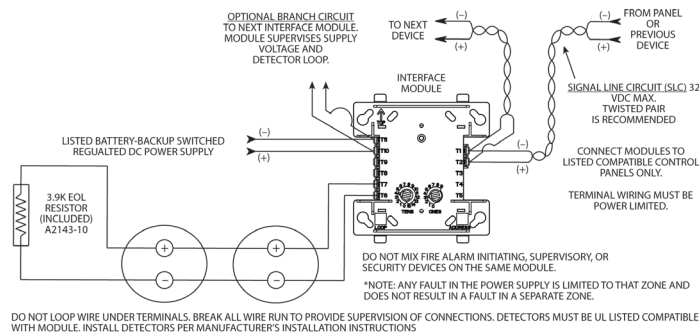
- IFP-2100 / IFP-2100ECS / RFP-2100
- IFP-2000 / IFP-2000ECS / RPS-2000
- IFP-1000 / IFP-1000ECS
- IFP-300 / IFP-300ECS
- IFP-100 / IFP-100ECS
- IFP-75
- IFP-50

For a list of detectors compatible with the IDP-Zone see the IDP-Zone Installation Instructions.

FEATURES & BENEFITS

- Converts a conventional two-wire loop to an SLC loop
- Fully supervised
- Support for Style B and Style D wiring
- 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
- CSFM Listed
- MEA Listed 386-02-E Vol. II

IDP-Zone Technical Specifications

SPECIFICATIONS
Physical: 4.5" H x 4"W x 1.25" D
Shipping Weight: 6.3oz (196g)

ELECTRICAL RATINGS
Operating Voltage: 15 to 32VDC
External Power Supply
  Alarm Current: 90mA per module
  Standby Current: 12mA @ 24 VDC (nominal)
Standby & Alarm Current: 300 μA max @ 24 VDC (one communication every 5 sec. with LED enabled)
End-of-Line Resistance: 3.9kΩ
SLC Loop Impedance: 40Ω
Initiating Device Circuit Wiring Resistance: 25Ω max

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

ORDERING INFORMATION
IDP-Zone: Two-wire interface module

ACCESSORIES
IDP-ACB: 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

Honeywell Security & Fire
12 Clintonville Road
Northford, CT 06472
800-328-0103

Honeywell
THE POWER OF **CONNECTED**