

# IDP-RELAY

## Addressable Relay Module

The IDP-RELAY is an addressable relay module for use with the Honeywell Farenhyt Series fire alarm control panels (FACPs).

The IDP-RELAY allows a Farenhyt FACP to switch discrete contacts by code command. The relay contains two isolated sets of Form C contacts, which operate as a DPDT switch. No supervision is provided for the notification appliance circuit.

The IDP-RELAY contacts can be used for virtually any normally open or normally closed application. Each IDP-RELAY is programmed with a unique signaling line circuit (SLC) loop address. When an event occurs that controls the IDP-RELAY, the relay is triggered by the FACP.

### INSTALLATION

The IDP-RELAY 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-RELAY 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



**IDP-RELAY**

## FEATURES & BENEFITS

- Two sets of Form C contacts
- Contacts are rated for a variety of amps (see Specifications)
- Panel controlled status LED that flashes green in normal state and is solid red in alarm
- Relay programming is completely flexible—can be mapped to zone conditions
- Polling LED visible through the 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-RELAY Technical Specifications

## **SPECIFICATIONS\***

**Physical:** 4.275" H x 4".675 W x 1.4 D

**Shipping Weight:** 6.3oz (196g)

## **ELECTRICAL RATINGS**

**Operating Voltage:** 15 to 32VDC

**Standby Current:** 300 $\mu$ A max @ 24VDC (one communication every 5 sec. with LED enabled)

**LED Current:** 5.5 mA (with LED latched on)

### **Relay Contact Ratings:**

- 2.0A @ 25VAC (PF=.35), non-coded
- 3.0A @ 30VDC resistive, non-coded
- 2.0A @ 30VDC resistive, coded
- 0.46A @ 30VDC (L/R=20ms), non-coded
- 0.7A @ 70.7VAC (PF=.35), non-coded
- 0.9A @ 125VDC resistive, non-coded
- 0.5A @ 125VAC (PF=.75), non-coded
- 0.3A @ 125VAC (PF=.35), non-coded

## **ENVIRONMENTAL**

**Operating Temperature:** 32°-120°F (0°C – 49°C)

**Humidity:** 10 to 93% non-condensing)

## **ORDERING INFORMATION**

**IDP-RELAY:** Relay Module

## **ACCESSORIES**

**SMB500:** 4" Square Surface Mount Electrical Box

**CB500:** Module Barrier. Used to separate power limited and non-power limited wiring in a junction box.

For a complete listing of all compliance approvals and certifications, please visit [www.farenhyt.com](http://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.

## **For more information**

Learn more about Honeywell's Farenhyt Series and other products available by visiting [www.farenhyt.com](http://www.farenhyt.com)

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