

## Addressable Relay Module

### IDP-Relay-6

The IDP-Relay-6 is an addressable relay module for use with Silent Knight IFP-series fire alarm control panels (FACPs). The IDP-Relay-6 has six Form C relays. It allows a Silent Knight FACP to switch discrete contacts by code command. If needed, you can disable a maximum of three unused modules on the IDP-Relay-6 board. No supervision is provided for the notification appliance circuit.

The IDP-Relay-6 contacts can be used for virtually any normally open or normally closed application. Each IDP-Relay-6 is programmed with a unique signaling line circuit (SLC) loop address. When an event occurs that controls the IDP-Relay-6, the relay is triggered by the FACP.

### Features

- Six Form C contacts
- Removable 12 to 18 AWG plug-in terminal blocks
- Relay programming is completely flexible—can be mapped to zone conditions
- Individual LED for each relay contact
- Two module mounting in the IDP-ACB cabinet
- Up to three unused modules can be disabled
- Rotary address switches for fast installation
- Mounting hardware included
- UL Listed

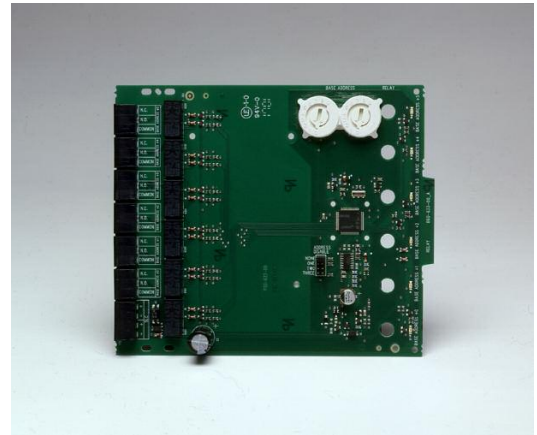
### Installation

The IDP-Relay-6 mounts in the Silent Knight IDP-ACB cabinet (PN IDP-ACB). The IDP-ACB has a built-in chassis that will accommodate one or two IDP-Relay-6 modules.

### Agency Listings



**MEA**  
386-02-E Vol. 2



IDP-Relay-6

### Compatibility

The IDP-Relay-6 is compatible with the following FACPs:

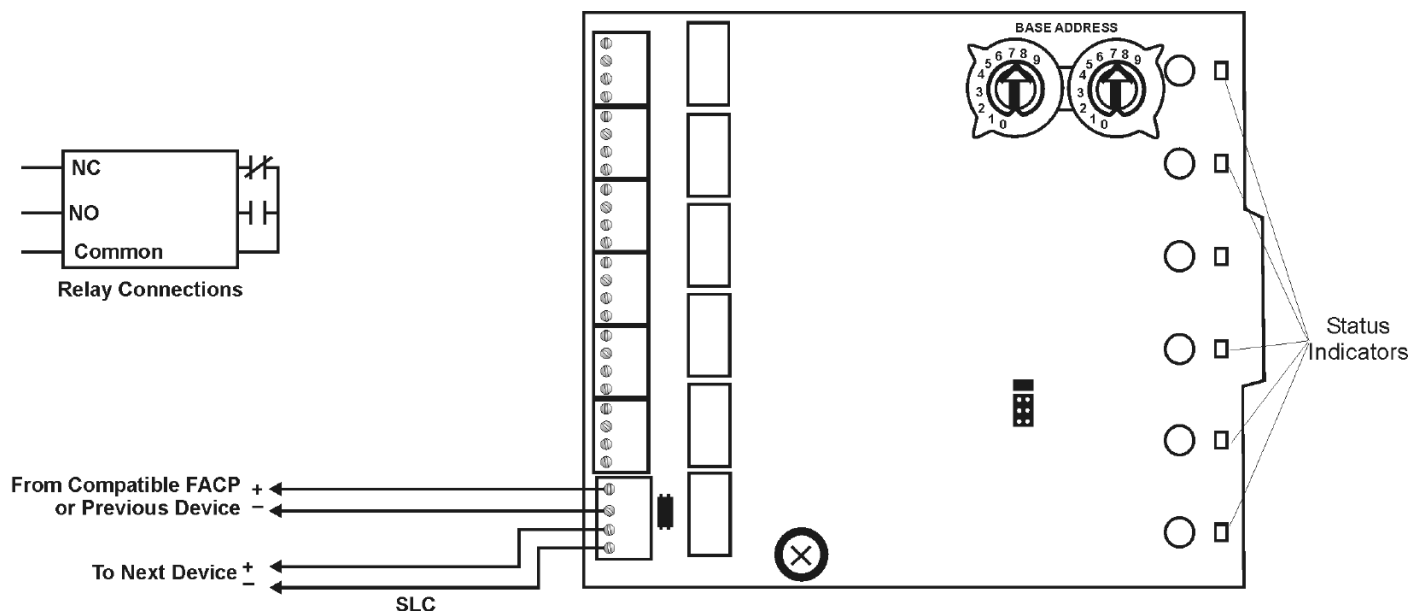
- IFP-2000 / RPS-2000 Intelligent Fire Panel
- IFP-1000 / ECS Intelligent Fire Panel
- IFP-100 / ECS Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

### Ordering Information

IDP-Relay-6	Six Relay Control Module.
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### Accessories

IDP-ACB	IDP Module Cabinet. Cabinet holds two IDP-Relays.
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Wiring the IDP-Relay-6 Relay Module

## Specifications

### Physical

IDP-Relay-6	IDP-ACB
Height: 6.8" (17.3 cm)	15.25" (38.7 cm)
Width: 5.8" (14.7 cm)	12.5" (31.8 cm)
Depth: 1" (2.5 cm)	3" (7.6 cm)
Shipping Weight: 6.3 oz (196 g)	6.5 lbs (2.8 kg)

### Environmental

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

Humidity: 10% – 93% non-condensing

### Electrical

Wire Gauge: 12 – 18 AWG

Operating Voltage: 15 – 32 VDC

Alarm Current: 32 mA max (assumes all six relays have been switched once and all six LEDs solid on)

Relay Current: 30 mA relay pulse with 15.6 mS pulse duration (FACP controls pulse)

Standby Current: 1.45 mA max

SLC Loop Resistance: 40Ω max

## Relay Contact Ratings

Current Rating	Max Voltage	Load Description	Application
3A	30 VDC	Resistive	Noncoded
2A	30 VDC	Resistive	Coded
0.9A	110 VDC*	Resistive	Noncoded
0.9A	125 VAC*	Resistive	Noncoded
0.5A	30 VDC	Inductive (L/R = 5 ms)	Coded
1A	30 VDC	Inductive (L/R = 2 ms)	Coded
0.3A	125 VAC*	Inductive (PF = 0.35)	Noncoded
1.5A	25 VAC	Inductive (PF = 0.35)	Noncoded
0.7A	70.7 VAC*	Inductive (PF = 0.35)	Noncoded
2A	25 VAC*	Inductive (PF = 0.35)	Noncoded

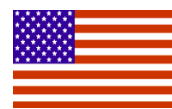
\* UL only



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KNIGHT**

by Honeywell

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 more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118. For Technical Support, Please call 800-446-6444. [www.farenhyt.com](http://www.farenhyt.com)



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