

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

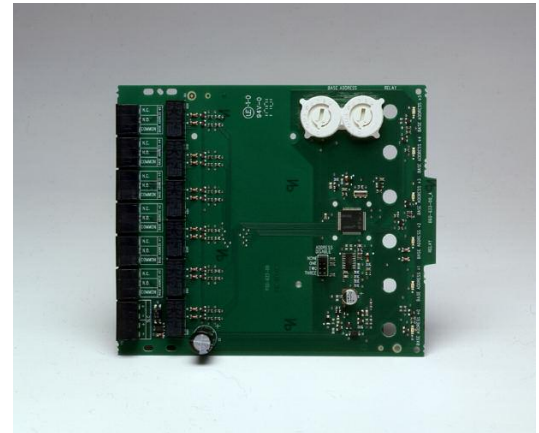
Installation

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:

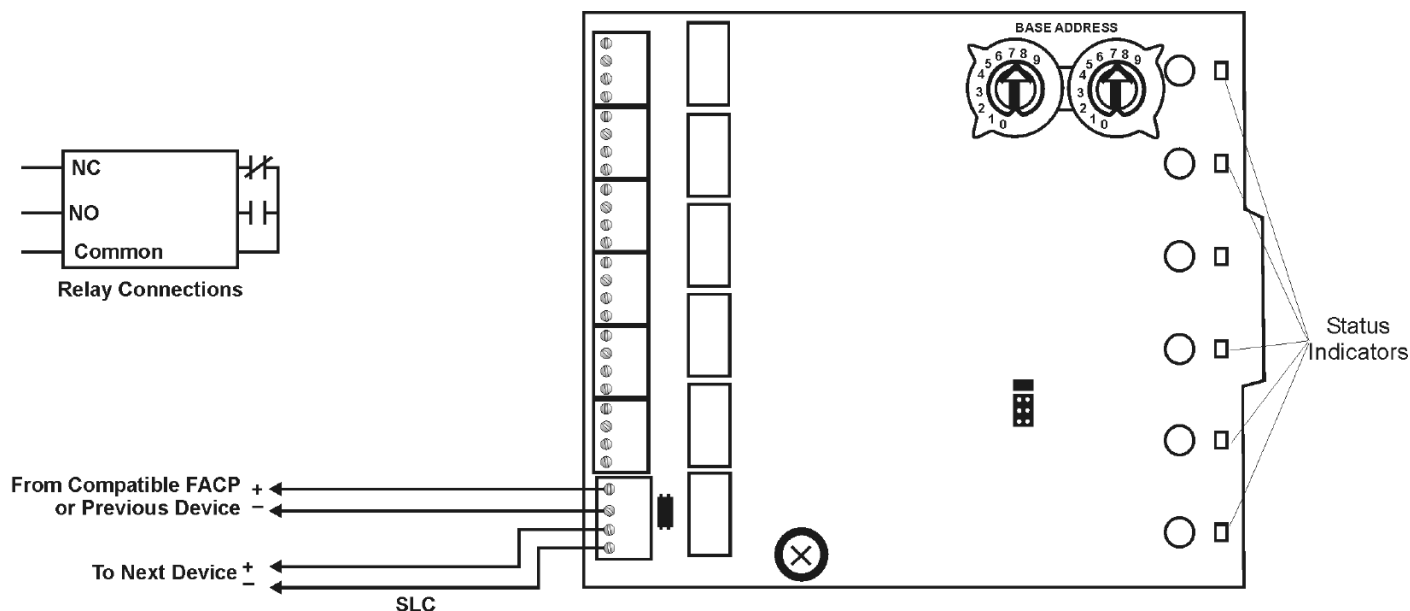
- IFP-2000 / RPS-2000 Intelligent Fire Panel
- IFP-2000ECS Emergency Communication System with Fire Panel
- IFP-1000 / ECS Intelligent Fire Panel
- IFP-100 / ECS Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

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

Standby and Alarm 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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by Honeywell

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