

Addressable Relay Module

IDP-Relay

The IDP-Relay is an addressable relay module for use with Silent Knight IFP-series fire alarm control panels (FACPs).

The IDP-Relay allows a Silent Knight 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.

Features

- 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
- Attractive ivory cover plate
- Rotary address switches for fast installation
- SEMS screws for easy wiring
- UL Listed

Relay Contact Ratings

| Current Rating | Max Voltage | Load Description | Application |
|----------------|-------------|------------------|-------------|
| 3 A | 30 VDC | Resistive | Noncoded |
| 2 A | 30 VDC | Resistive | Coded |
| 0.7 A | 70.7 VDC | PF = 0.35 | Noncoded |
| 0.9 A | 125 VAC | Resistive | Noncoded |
| 0.46 A | 30 VDC | L/R = 20 ms | Noncoded |
| 0.5 A | 125 VAC | PF = 0.75 | Noncoded |
| 0.3 A | 125 VAC | PF = 0.35 | Noncoded |
| 2 A | 25 VAC | PF= 0.35 | Noncoded |

Agency Listings



MEA
386-02-E Vol II



IDP-Relay

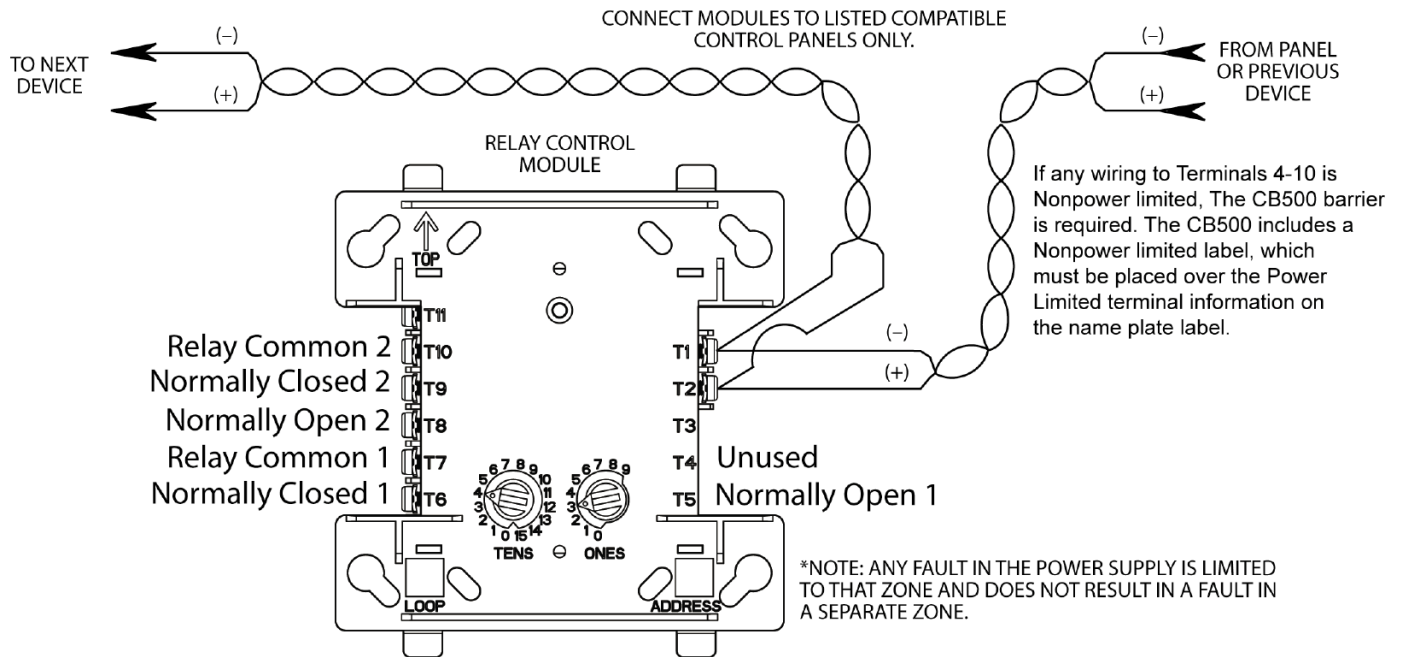
Compatibility

The IDP-Relay 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
- IFP-25 Intelligent Fire Panel

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 Silent Knight.



Specifications

Physical

4.675" H x 4.275" W x 1.4" D

Shipping Weight: 6.3 oz (196 g)

Environmental

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

Humidity: 10% – 93% non-condensing

Electrical

Operating Voltage: 15 – 32 VDC

End-of-Line Resistance: Not used

SLC Standby & Alarm Current: .255mA max @ 24 VDC
(one communication every 5 sec with LED enabled)

Ordering Information

IDP-Relay Relay Module

Accessories

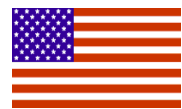
SMB500 4" Square Surface Mount Electrical Box
CB500 Module Barrier



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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



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