

Addressable Notification Module

IDP-Control-6

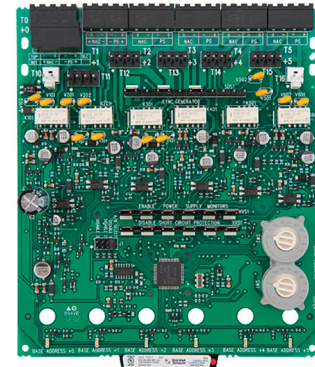
The IDP-Control-6 is an addressable notification module for use with the Honeywell Farenhyt Series fire alarm control panels (FACPs). The IDP-Control-6 has six integrated modules for maximum flexibility, allowing you to add notification circuits wherever they are needed on an FACP signaling line circuit (SLC) loop.

The IDP-Control-6 provides supervised monitoring of wiring to load devices that require an external power supply or amplifier to operate, such as bells, horns, and strobes. It is capable of supporting Class B and Class A wiring.

Upon command from the FACP, the IDP-Control-6 will disconnect the supervision and connect the external power supply across the load device. The disconnection of the supervision provides a positive indication to the panel that the control relay actually turned on. The external power supply is always relay isolated from the SLC loop, so that a trouble condition on the power supply will never interfere with the rest of the system.

If needed, you can disable a maximum of three unused modules on the IDP-Control-6 board. Each module has terminals for connection to an external supply circuit for powering devices on its notification appliance circuit (NAC). One or more multiple power supplies can be used.

The IDP-Control-6 has a short circuit protection monitor for each module. The short circuit protection monitor protects external power supplies against short circuit conditions on the NAC. In addition, an algorithm is incorporated to find a short when the module is active. The module will close all circuits that are not shorted to find the NAC with the problem.



IDP-CONTROL-6

Installation

The IDP-Control-6 mounts in the Honeywell IDP-ACB cabinet (P/N IDP-ACB). The IDP-ACB has a built-in chassis that will accommodate one or two IDP-Control-6 modules.

Compatibility

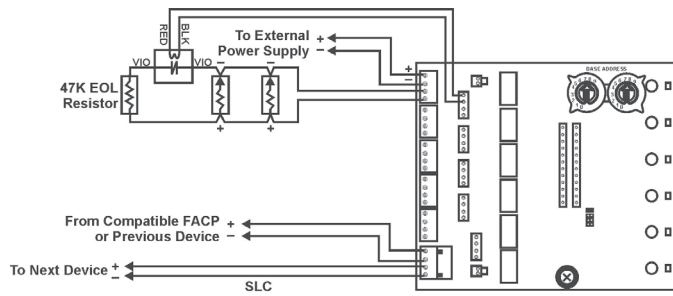
The IDP-Control-6 is compatible with the following Farenhyt Series FACPs:

- 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

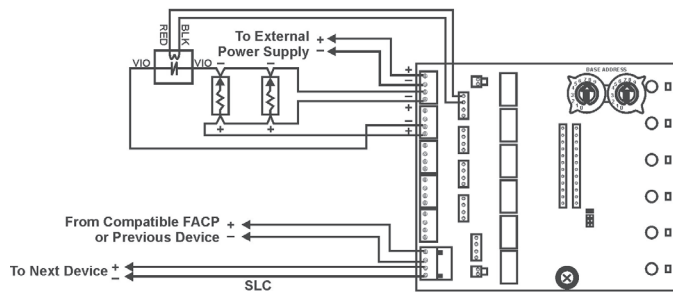
FEATURES & BENEFITS

- Flexible solution for adding notification circuits where needed
- Removable 12 to 18 AWG plug-in terminal blocks
- Support for Class B or Class A wiring
- Individual LED for each module
- Two module mounting in the IDP-ACB cabinet
- Unused modules can be disabled
- Rotary address switches for fast installation
- Mounting hardware included
- UL Listed
- CSFM Listed
- MEA Listed 386-02-E Vol. II

IDP-Control-6 Technical Specifications



Wiring the IDP-Control-6 Notification Module for Class B NAC Configuration with a Single Power Supply Dedicated to a Single NAC



Wiring the IDP-Control-6 Notification Module for Class A NAC Configuration with a Single Power Supply Dedicated to a Single NAC

For a complete listing of all compliance approvals and certifications, please visit 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.

SPECIFICATIONS

Physical: 6.8" H x 5.8" W x 1.25" D

Shipping Weight: 6.3oz (196g)

ELECTRICAL RATINGS

Operating Voltage: 15 to 32VDC

Standby Current: 2.65mA @ 24V

Alarm Current: 35mA maximum (assumes all six relays have been switched once and all six LEDs solid on)

End-of-Line Resistance: 47kΩ

Maximum SLC Wiring Resistance: 41Ω

Maximum NAC Wiring Resistance: 40Ω

ENVIRONMENTAL

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

Humidity: 10 to 85% non-condensing)

ORDERING INFORMATION

IDP-Control-6: Six Input notification module

ACCESSORIES

IDP-ACB: Cabinet. 15.25" H x 12.5" W x 3"D

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

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