Honeywell
THE POWER OF CONNECTED

Farenhyt™ Series

IDP-CONTROL-6

Addressable Notification Module

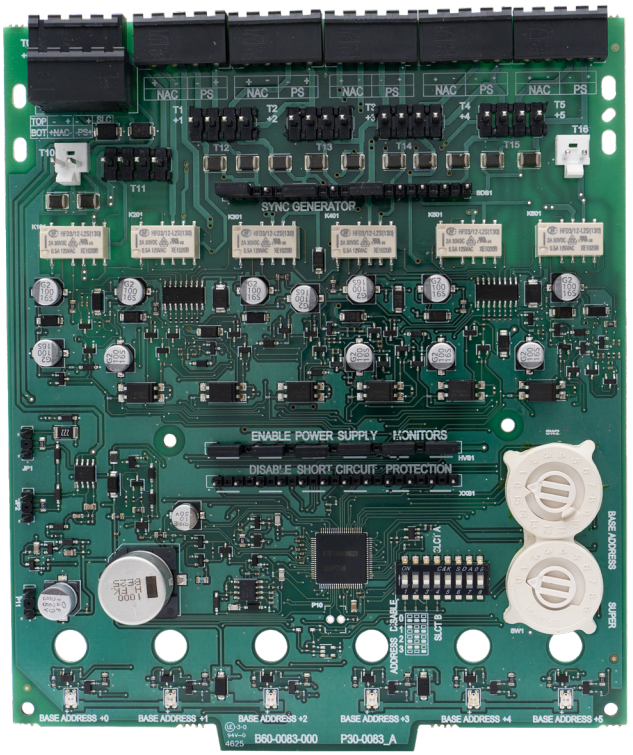
The IDP-CONTROL-6 is an addressable notification module for use with the Honeywell Farenhyt Series fire alarm control panels (FACPs). The IDP-CONTROL-6 has six integrated modules for maximum flexibility, allowing you to add notification circuits wherever they are needed on an FACP signaling line circuit (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 2 unused modules in Class A and 3 unused modules in Class B 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

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*
- *ETL Listed*

IDP-CONTROL-6 Technical Specifications

PHYSICAL
Dimensions: 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: 32º-120ºF (0ºC – 49ºC)
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

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

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.

For more information

Learn more about Honeywell's Farenhyt Series and other products available by visiting www.farenhyt.com

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