IDP-HEAT/ IDP-HEAT-HT/ IDP-HEAT-ROR

Intelligent Thermal and Rate of Rise Thermal Detectors

The IDP-Heat, IDP-Heat-HT, and IDP-Heat-ROR are plug in thermal detectors, with integral communication, that provide features that surpass conventional detectors. These thermal detectors are for use with Honeywell Farenhyt series fire alarm control panels (FACPs).

Detector sensitivity can be programmed from the FACP software. Sensitivity is continuously monitored and reported to the FACP. Point ID capability allows each detector's address to be set with rotary address switches, providing exact detector locations for selective maintenance when chamber contamination reaches unacceptable levels.

IDP-Heat is a fixed temperature thermal detector that uses a thermistor sensing circuit to produce 135ºF (57ºC) fixed thermal detection.

IDP-Heat-HT is a variable high temperature detector that provides high temperature detection at 135ºF – 190ºF (57ºC – 88ºC).

IDP-Heat-ROR is a fixed temperature and rate-of-rise thermal detector that uses a thermistor sensing circuit to produce 135ºF (57ºC) thermal protection..

IDP-HEAT (BASE NOT INCLUDED)

FEATURES & BENEFITS

- Sleek, low-profile design
- Reliable analog communications for trouble-free operation
- Age resistant polymer housing
- Innovative thermistor sensing circuit

- Superior EMI resistance for reliability
- Variety of mounting options to meet any application
- Dual LED indicators for 360º visibility
- Detector transmits signal to indicate maintenance is required

- Plug-in mounting provides ease of installation
- Optional remote LED annunciator (System Sensor® PN RA100Z)

- Tamper-proof feature available on mounting bases
- Rotary address switches for fast installation

- UL Listed
- CSFM Listed
- MEA Listed 383-02-E Vol. VI

IDP-HEAT, IDP-HEAT-HT and IDP-HEAT-ROR Technical Specifications

PHYSICAL

Height: 2.0" (5.08cm)
Diameter: 4.1" (10.4CM) installed in B501 base.
6.1" installed in B210LP base
Shipping Weight: 4.8oz

ELECTRICAL RATINGS

Operating Voltage: 15 – 32VDC
SLC Standby and Alarm Current: 300 µA

ENVIRONMENTAL

Operating Temperature
IDP-Heat & IDP-Heat-ROR: -4°F - 100 °F (-20°C - 38°C)
IDP-Heat-HT: -4°F - 150 °F (-20°C - 66°C)
Humidity: 10 to 93% non-condensing)

THERMAL RATINGS

IDP-Heat: Fixed temperature setpoint 135°F (57°C)
IDP-Heat-HT: High temperature heat 135°F – 190°F (57°C – 88°C)
IDP-Heat-ROR: Rate-of-rise detection 15°F/min (9°C/min)

ORDERING INFORMATION

IDP-Heat: Fixed temperature thermal detector
IDP-Heat-HT: Fixed high temperature thermal detector
IDP-Heat-ROR: Fixed temperature and rate-of-rise thermal detector

ACCESSORIES

RA100Z: Remote LED Annunciator.
XR2B: Detector Removal Tool. A removal and replacement tool for IDP plug-in detectors. Includes the T55-127-000.
M02-04-01: Detector test magnet
M02-09-00: Test Magnet with telescoping handle
XP-4: Extension pole for XR2B. Extends from 5 – 15 ft.
T55-127-000: Detector removal head.
BCK-200B: Black detector kit. For IDP-series detectors.
* Unless otherwise noted, specifications apply to IDP thermal detectors.

COMPATIBILITY

The IDP-HEAT, IDP-HEAT-HT, and IDP-HEAT-ROR are compatible with the following IDP series bases:

- B210LP 6" Mounting Base
- B501 4" Mounting Base
- B224BI 6" Isolator Base
- B224RB 6" Relay Base
- B200SR 6" Sounder Base

The IDP-HEAT, IDP-HEAT-HT, and IDP-HEAT-ROR are 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.

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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