

Farenhyt

SSB501BHT-2

Addressable Sounder Base



Description

The SSB501BHT-2 is a 6" Intelligent mounting base with a built-in sounder for IDP-series detectors intended for use with IFP-series fire alarm control panels (FACP). The SSB501BHT-2 incorporates the distinctive three-pulse temporal pattern fire alarm evacuation signal.

The SSB501BHT-2 requires an external 24 VDC power supply. The connections for the external power supply (terminals 1 and 2) and the communication loop (terminals 3 and 4) are isolated to prevent electrical interaction between them.

Features

- Support for three-pulse temporal pattern fire alarm evacuation signal
- Support for Class A and Class B wiring
- Supervision capability with optional monitor module
- Easy plug-in of detector base
- Tamper-proof feature prevents removal of the detector without the use of a tool
- Range of mounting options to meet any application
- SEMS screws and wire gauge 24–12 AWG
- UL 9th Edition Listed

Installation

The SSB501BHT-2 can be mounted directly into a 4" square by at least 1.5" – 2.1" deep electrical box, using the supplied mounting kit.



SSB501BHT-2

Compatibility

The SSB501BHT-2 is compatible with the following IDP-series detectors:

- IDP-Photo Photoelectric Smoke Detector
- IDP-Photo-T Photoelectric Smoke Detector with Thermal
- IDP-Acclimate Multi criteria Photoelectric Smoke Detector
- IDP-Ion Ionization Smoke Detector
- IDP-Heat Fixed Temperature Thermal Detector
- IDP-Heat-ROR Rate-of-Rise Detector with Thermal
- IDP-Heat-HT Fixed High Temperature Thermal Detector

The SSB501BHT-2 is compatible with the following FACPs:

- IFP-2000/RPS-2000 Intelligent Fire Panel
- IFP-1000 Intelligent Fire Panel
- IFP-100 Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

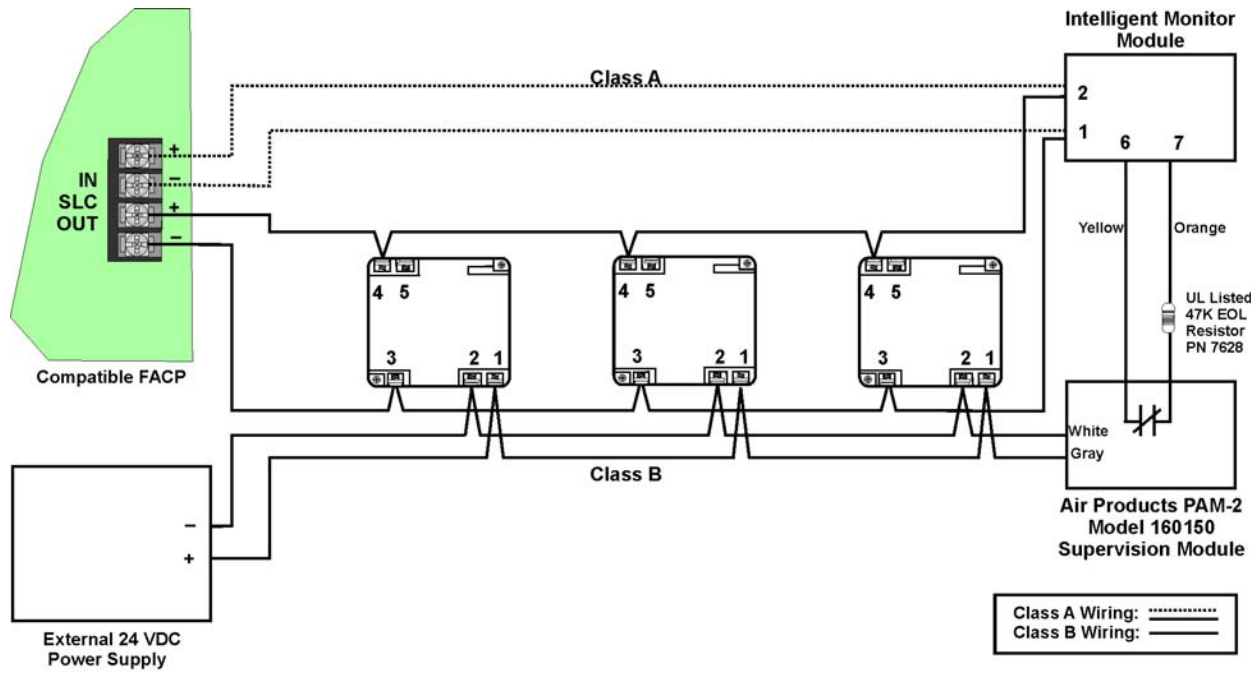


**SILENT
KNIGHT**

by Honeywell

7550 Meridian Circle, Suite 100
Maple Grove, MN 55369
763-493-6400 or 800-328-0103
Fax: 763-493-6475
www.farenhyt.com

P/N 350301 Rev C
© 2009 Honeywell International Inc.



Wiring B501BHT-2 Sounder Bases

Specifications

Physical

Height: 2.3" (5.9 cm)
 Diameter: 6.1" (15.5 cm)
 Weight: 6.4 oz. (181 g)

Electrical

Wire Gauge: 18–12
 Operating Voltage: 15 – 32 VDC
 Standby Current: 1 mA max @ 24 VDC
 Alarm Current: 15 mA max
 External Power Supply Voltage: 17 – 32 VDC
 Maximum Ripple Voltage: 10% of supply voltage
 Start-Up Capacitance: 200 µF

Environmental

Operating Temperature: 32°F – 120°F (0°C – 49°C)
 Humidity: 10% – 93% non-condensing
 Communication/Initiating Loop Supply
 Current Draw from Remote Output of Sensor to Turn On Horn: 700 µmA max
 Sound Output: Greater than 90 dBA measured in an anechoic room at 10 feet, 24V. 85 dBA

Ordering Information

SSB501BHT-2 6" Intelligent Sounder Base.

Accessories*

- SSRMK400 Recessed Mounting Kit. Provides low profile for use with SSB501BHT-2.
- SSXR2B Detector Removal Tool. A removal and replacement tool for IDP plug-in detect. Includes the SST55-127-000.
- SSM02-04-01 Detector Test Magnet.
- SSM02-09-00 Test Magnet with Telescoping Handle.
- SSXP-4 Extension Pole for SSXR2B. Extends from 5 – 15 ft.
- SST55-127-000 Detector Removal Head.
- SSBCK-200B Black Detector Kit. For IDP-series detectors.

Note: * For ordering purposes, an SS has been added to the System Sensor part numbers. Example— System Sensor PN for SSB501BHT-2 is B501BHT-2.



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 7550 Meridian Circle Suite 100, Maple Grove, MN 55369 Phone: 763-493-6400 or 800-328-0103, Fax: 763-493-6475. www.farenhyt.com



Made in USA