



Harding Series 20 Base

BAS2001, BAS2004, BAS2005

Devices

Description

A single set of Harding addressable bases work with both the Series 21 and Series 22 lines of intelligent detectors. Standard 4" (BAS2001) and 6" (BAS2004) bases are flat and unobtrusive. 4" and 6" four-wire relay bases and a 6" four-wire sounder base are also available.

All Harding S20 bases for S22 detectors utilize the patented XPERT™ programming card. The card mechanically stores the device address in the base to ensure that the device address (and the custom programming in the Harding fire control associated with that address) cannot be moved or changed - regardless of how many times the detector head is replaced or maintained.

Addressing the analog detector is easily accomplished by knocking out a series of pips located on the XPERT™ programming card. The card is then inserted into the base. The pips now serve to configure mating switches that are located on the bottom of the detector. When the detector head is snapped into the base, the pips depress the switches on the detector and the address is set. Take the detector out of the base and the XPERT card remains fixed in the base ensuring that any detector placed on that base will be set with the same address.

Since the Harding fire control maintains all data related to the address location (such as device type, custom text and control-by-event programming) putting like-detectors in the wrong location will have no impact on system performance. If the wrong device type is inserted in an address that previously had a different device type, the Harding control will put a trouble on the system until the address is either restored to the original device type, or, until the maintenance personnel change the system to accept the newly installed device.

Four wire relay and sounder bases are available to add flexibility to the system in meeting all local requirements. Relay and sounder bases require separate 24V power supplies in accordance with NFPA.



Features

- 4" or 6" standard low-profile bases
- 4" and 6" relay bases
- Steady or Three-pulse temporal sounder bases with high/low settings
- Sync modules for sounder bases allow for multiple configurations
- Zero insertion force
- Address locked into base
- Sleek, non-fading white polycarbonate
- Sounder bases completely backwards compatible with previous generations
- Relay bases completely backwards compatible with previous generations
- BAS2005 isolating base accepts S22 detectors without the need for separate line isolators – see DS-series 20-LineIso

Listing

4" and 6" Bases:
UL File: (S36048)

Engineer Specification

The contractor shall furnish and install, where indicated on the plans, either ionization, photoelectric, multisensor or thermal sensor addressable detectors with one of the several addressable mounting base options available. Mounting base options shall have the address mechanically located in the base to allow the free interchange of detectors. The combination detector head and base must be UL listed and UL listed as compatible with Harding network fire controls. The detectors, bases and sync modules shall be Harding part numbers DET2201, DET2204, DET2205, BAS2004, BAS2001 and BAS2005.

Technical Data

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BAS2001 and BAS2004:

Alarm Current: none
Standby current: none
Relay: none
Sounder: none
Addressing facility: yes
Captive terminals: yes



Ordering Information

Part Number	Data Sheet	Description
BAS2001		4" Analog Addressable Base
BAS2004		6" Analog Addressable Base
BAS2005		4" Analog Addressable Base (Isolating Base for S22 Sensors)
45681-225		4" Low Power Relay Base
45681-242		4" Analog Addressable Relay Base

Related Devices and Accessory Cards

Series 22 Detectors: PHOTO (DET2204), DS-DET2204; HEAT (DET2201), DS-DET2201; MULTI (DET2205), DS-DET2205;

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