



SB SERIES

SMOKE DETECTOR BASES



P/N See Chart

Electrical: 24 VDC Polarized

Mounting: 3 1/4" or 4" outlet box

Annunciator Output: 15 mA at 24VDC

Alarm Current:

SB-46 - 46 mA @ 24 VDC (77mA @ 33.0V MAX)

HSC-221R - 49 mA @ 24 VDC (62mA @ 33.0V MAX)

- Base w Relay

Service Use: NFPA 72 - National Fire Alarm Code



Application

The SB Series Smoke Detector Bases are 6" polarized bases with annunciator output featuring a current limiting resistor, and a blocking diode to enhance annunciator function. The SB Series Smoke Detector Bases are designed specifically for use with the Janus Fire Systems® Smoke Detector Model CPS-24.

Fires from explosions, improperly stored flammable liquids, escaping gas, arson or fires resulting from inadequate fire protection practices may not be detected.

Smoke detectors should be tested upon completion of installation and at least semiannually thereafter, in accordance with the section of "Inspections, Tests, and Maintenance" in NFPA 72.

To Install the Detector: Insert the detector into the base, turn the detector clockwise until it locks, then tighten the vandal resistant allen screw.

⚠ WARNING

These detectors will not work without power. They must be properly connected into the signal initiating device circuit of a fire control panel that is listed as being compatible by Underwriters Laboratories, Inc.

These detectors will not sense fires which start where smoke does not reach the detector.

Fires on other building levels, within walls, on roofs, in chimneys, or on the other side of closed doors may not be detected.

⚠ CAUTION

These units must be installed and maintained in accordance with all applicable NFPA standards, local codes and any authority having jurisdiction. Please refer to NFPA 72 - Standards for Automatic Fire Detectors for installation guidelines and testing procedures.

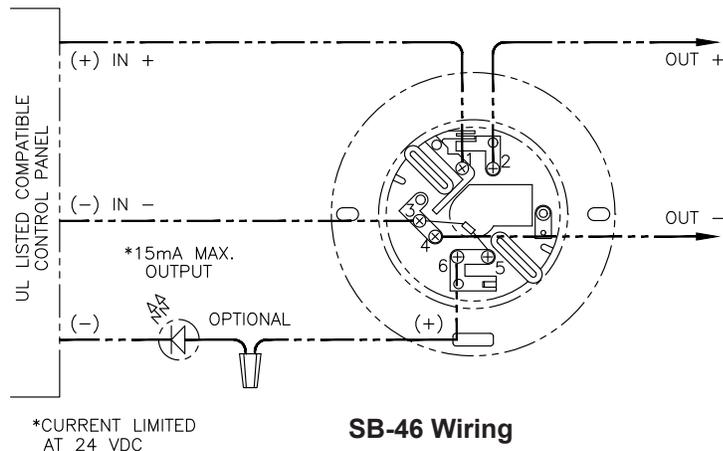
LED Remote Alarm

The optional MS-RA Remote Alarm mounts to a standard single-gang backbox and has a power requirement of 15mA.

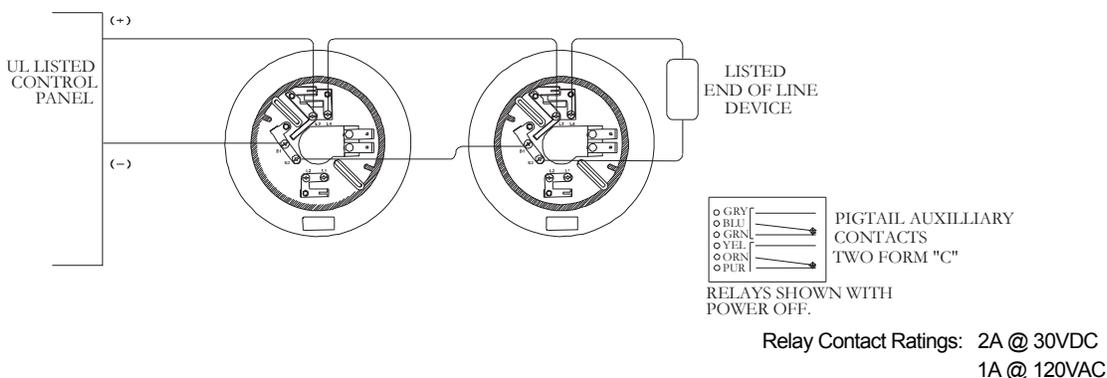


Wiring

Terminal #	Designation
1	IDC Positive In
2	IDC Positive Out
3	IDC Negative In/ Remote LED (-) Return
4	IDC Negative Out
5	Current Limit Resistor
6	Remote LED (+) Out



2-WIRE OPERATION



Ordering Information

Model	P/N	Description	Compatibility
SB-46	18637	Smoke Base 46 mA draw @ 24 VDC	Janus Fire Systems® Releasing Panel
HSC-221R	98087	Smoke Base W/Relay 49 mA draw	Janus Fire Systems® Releasing Panel
MS-RA	99755	Remote Alarm LED, Red	Janus Fire Systems® Releasing Panel

Note: Approvals/Listings maintained by and manufactured by Potter Electric Signal Company.

The seller makes no warranties, express or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose, except as expressly stated in the seller's sales contract or sales acknowledgment form. Every attempt is made to keep our product information up-to-date and accurate. All specific applications cannot be covered, nor can all requirements be anticipated. All specifications are subject to change without notice.



1102 Rupcich Drive
Millennium Park
Crown Point, IN 46307
TEL: (219) 663-1600 FAX: (219) 663-4562
e-mail: info@janusfiresystems.com
www.janusfiresystems.com