



**UL and ULC Listed**

**Electrical:** 24VDC - Polarized

Suitable for use with Potter PFC Series Controls

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

**Annunciator Output:** 15mA at 24VDC

**Alarm Current:**

HSC-4R - 43mA @ 24 VDC - 4 WIRE BASE

SB - 46 - 46mA @ 24 VDC

SB - 81R - 81mA @ 24 VDC - RELAY BASE

SB - 93 - 93mA @ 24 VDC

HSB - 21 - 32mA @ 24 VDC

**Service Use:** National Fire Alarm Code NFPA-72

**Application**

The SB Series is a 6" polarized base with annunciator output featuring a current limiting resistor, and a blocking diode to enhance annunciator function. The SB Series Smoke Detector base is designed specifically for use with the Potter Smoke Detector Models IS-24, PS-24 and PS-24H.

**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.

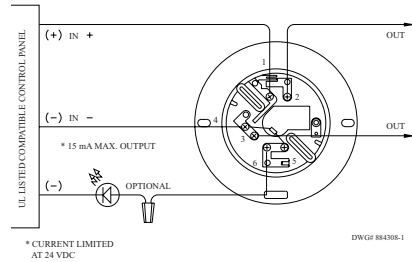
Fires from explosions, improperly stored flammable liquids, escaping gas, arson or fires resulting from inadequate fire protection practices may not be detected.

Smoke detectors should be tested upon completion of installation and at least semi-annually 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.

**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.



Terminal #	Designation
1	Positive In
2	Positive Out
3	Negative Out
4	Negative In
5	Annunciator Out
6	Annunciator Out

**Ordering Information**

Model#	Stock#	Description	Compatibility
SB-46	1430014	Smoke Base - 46mA draw @ 24vdc	All Potter release panels; Not for use with PFC3000, 5000, 9000 Series panels; Check other panel manufacturer's compatibility listings.
SB-93	1430016	Smoke Base - 93mA draw @ 24vdc	For use on all Potter PFC 3000, 5000 Series panels. PFC9000 series with ZA9008 module added. Not for use on Potter release panels; Check other panel manufacturer's compatibility listings.
SB-81R	1430015	Smoke Base W/Relay - 81mA draw	For use on Potter PFC 3000 and 5000 Series; Not for use on Potter release panels. Check other panel manufacturer's compatibility listings.
HSC-4R	1430013	Wire Smoke Base W/Relay-43mA draw	For use with any panel that can provide 24VDC 4-wire resettable power.

For additional 2-wire base compatibility, contact Potter Technical Support at 800-325-3936 or [tech@pottersignal.com](mailto:tech@pottersignal.com).