SB SERIES
CONVENTIONAL SMOKE DETECTOR BASES



UL and CSFM
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
Service Use: National Fire Alarm Code NFPA-72

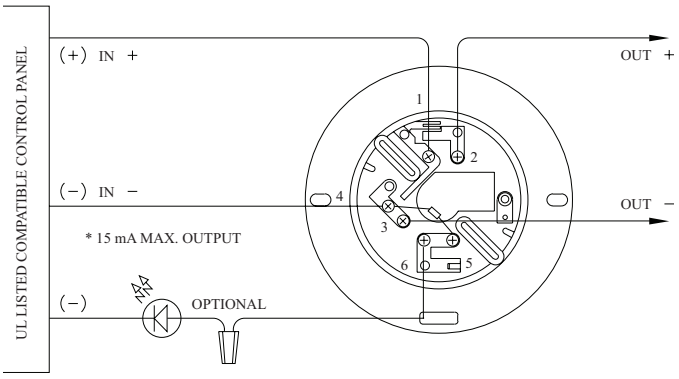
Application
The SB Series is a 6" polarized base with annunciator output featuring a current limiting resistor, and a blocking diode to enhance annunciator function. The SB Series Smoke Detector base is designed specifically for use with the Potter Smoke Detector Models, CPS-24, CPS-24N, CPSD-24V, and CPSHD-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.

⚠ 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.



DWG# 884308-1

* CURRENT LIMITED AT 24 VDC

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	PFC-4410RC, PFC-4064, IDC-6, PAD100-ZM; Check other panel manufacturer's compatibility listings.
SB-93	1430016	Smoke Base - 93mA draw @ 24vdc	PFC-4410RC*, PFC-4064, IDC-6, PAD100-ZM; Check other panel manufacturer's compatibility listings.
SB-81R	1430015	Smoke Base W/Relay - 81mA draw	PFC-4064, IDC-6, PAD100-ZM; Not for use on PFC-4410RC 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 866-956-1211 or *tech@pottersignal.com*.

*Bases on PFC-4410RC shall be all of SB-46 or SB-93. Do not mix bases on a system.