



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

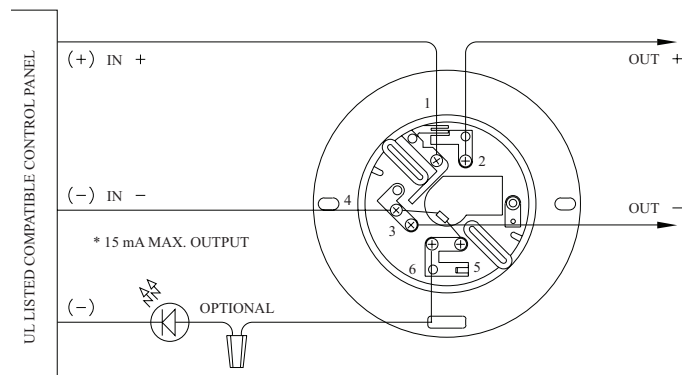
The SB Series is a 6" polarized base with annunciator output featuring a current limiting resistor, and a blocking diode to enhance annunciator function. The SB Series Smoke Detector base is designed specifically for use with the Potter Smoke Detector Models, CPS-24, CPS-24N, CPSD-24V, and CPSHD-24H.

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.



* CURRENT LIMITED AT 24 VDC

DWG# 884308-1

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

SB-46 1430014 Smoke Base - 46mA draw @ 24vdc

SB-93 1430016 Smoke Base - 93mA draw @ 24vdc

SB-81R 1430015 Smoke Base W/Relay - 81mA draw

HSC-4R 1430013 Wire Smoke Base W/Relay-43mA draw

Compatibility

PFC-4410RC, PFC-4064, IDC-6, PAD100-ZM;
Check other panel manufacturer's compatibility listings.

PFC-4410RC*, PFC-4064, IDC-6, PAD100-ZM;
Check other panel manufacturer's compatibility listings.

PFC-4064, IDC-6, PAD100-ZM;
Not for use on PFC-4410RC
Check other panel manufacturer's compatibility listings.

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.