

Conventional Fire Alarms

Smoke Detectors

SC Series



The SC Series ionization smoke detectors have a dual chamber design, so they automatically compensate for environmental changes such as atmospheric pressure, humidity and ambient temperature.

A red LED indicator situated on the detector molding provides clear indication when the unit is in alarm.

SC10U-3 detectors plug into the CSBU-1 base unit by a simple twist and lock action. In order to prevent unauthorized removal, a site selectable option is provided to lock the detector into its base. Once applied, the unit can only be removed by means of a special tool.

All SC10U-3 detectors are monitored for detector removal. When a detector (or detectors) is removed from its base, a fault condition is detected.

Features and Specifications

- LED alarm indication
- Sensitivity test feature with use of C-PST test tool
- Tamper resistant with site selectable lock
- White molded high impact fire retardant plastic
- Advanced dual chamber
- Surface mount technology
- Operating temperature range: 32°F to 100°F (0°C to 37.8°C)

Ordering Information

Description	Cat. No.	Operating Voltage	Current		Sensitivity Range	Terminal Sizes
			Standby	Alarm		
Smoke Detector with Base	SC10U-3B	14V - 30V DC	0.00005 A	0.100 A max.	0.65-1.05% obs/ft.	12-18 AWG
Smoke Detector	SC10U-3	14V - 30V DC	0.00005 A	0.100 A max.	0.65-1.05% obs/ft.	12-18 AWG
Detector Base (Surface Mount)	CSBU-1	—	—	—	—	—
Detector Base with Resistor	CSBU-3¹	—	—	—	—	—

¹For use with non-current limited circuits.

Accessories

Description	Cat. No.
Test Picker Tool for Sensitivity Reading and Removal	C-PST



Conventional Fire Alarms Smoke Detectors SC Series

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)
SC10U-3B	0.23
SC10U-3	0.23
CSBU-3	0.20
CSBU-1	0.20
C-PST	5.50

