Conventional Fire Alarms
Heat Detectors
SC Series

The Edwards SC20FTU-3 is a fixed temperature heat dectector, with an alarm threshold, operating at 135°F (58°C).

The SC20RRU-3 has an alarm threshold of 135°F (58°C) and operates on the rate of rise of 15° or greater per minute.

A red LED indicator situated on the detector molding provides clear indication when the unit is in alarm. For ease of removal, these 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.

Features and Specifications

- 135°F (58°C) and 180°F (82°C) fixed temperature models
- 135°F (58°C) rate of rise model
- LED alarm indication
- Tamper resistant with site selectable lock
- White molded high impact fire retardant plastic
- Surface mount technology
- All components conformally coated to seal against dust and moisture
- Operating temperature range: 32ºF to 100ºF (0°C to 37.8°C)

Ordering Information

Description	Cat. No.	Operating Voltage	Current		Fixed Temp. Alarm Level	Rate of Rise	Terminal Sizes
			Standy	Alarm			
Heat Detector - 58ºC Fixed Temperature	**SC20FTU-3**	14V - 30V DC	0.064 A	0.100 A max.	135°F (58°C)	—	12-18 AWG
Heat Detector - 58ºC FixedTemperature and Rate of Rise	**SC20RRU-3**	14V - 30V DC	0.064 A	0.100 A max.	135°F (58°C)	15°F/Min.	12-18 AWG
Detector Base (Surface Mount)	**CSBU-1**	—	—	—	—	—	—
Detector Base with Resistor	**CSBU-3**[1]	—	—	—	—	—	—

[1]For use with non-current limited circuits.

DC

100°F
32°F
OP TEMP

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Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)
SC20FTU-3	0.40
SC20RRU-3	0.40
CSBU-1	0.20
CSBU-3	0.20

4.65"
(118mm)

.71"
(18mm)

**Cat. No. CSBU-1
Detector Base**

4.53"
(115mm)

**Cat. No. SC20 Series
Heat Detector**

2.05"
(52mm)

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FIRE ALARMS