

## Conventional Fire Alarms

### Heat Detectors

#### SC Series

The Edwards SC20FTU-3 is a fixed temperature heat detector, 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

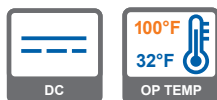
- 135°F (58°C) and 180°F (82°C) fixed temperature models
- 135°F (58°C) rate of rise model
- LED alarm indication
- Tamper resistant with site selectable lock
- White molded high impact fire retardant plastic
- Surface mount technology
- All components conformally coated to seal against dust and moisture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



#### Ordering Information

| Description                                             | Cat. No.            | Operating Voltage | Current |              | Fixed Temp. Alarm Level | Rate of Rise | Terminal Sizes |
|---------------------------------------------------------|---------------------|-------------------|---------|--------------|-------------------------|--------------|----------------|
|                                                         |                     |                   | Standby | Alarm        |                         |              |                |
| Heat Detector - 58°C Fixed Temperature                  | SC20FTU-3           | 14V - 30V DC      | 0.064 A | 0.100 A max. | 135°F (58°C)            | —            | 12-18 AWG      |
| Heat Detector - 58°C Fixed Temperature 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 <sup>1</sup> | —                 | —       | —            | —                       | —            | —              |

<sup>1</sup>For use with non-current limited circuits.



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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                          |

