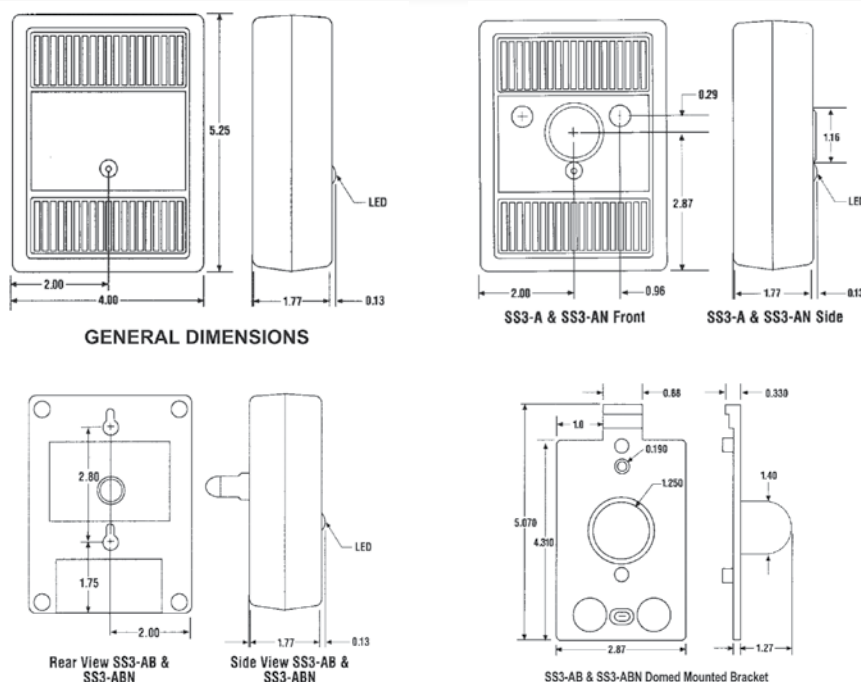


## Fire Sentry SS3 SPECIFICATIONS

### Digital Multi-Spectrum Electro-Optical Flame Detectors



| General Specifications       |                                                                                                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sensitivity</b>           | 1 sq. ft. gasoline fire at 30 feet within 5 seconds                                                                                                                                                                 |
| <b>Response Time</b>         | 2-5 seconds to 1 sq. ft. of gasoline fire at 30 ft.                                                                                                                                                                 |
| <b>Field-of-View</b>         | SS3-A (UV/IR): 120 degrees cone of vision ( $\pm 60$ degrees from on axis)<br>SS3-AB (UV): 180 degrees cone of vision ( $\pm 90$ degrees from on axis)                                                              |
| <b>Spectral Sensitivity</b>  | Ultraviolet: 185 to 260 nanometers<br>Wide Band Infrared: 0.7 to 3.5 micrometers (SS3-A and SS3-AN only)<br>Visible: 400 to 700 nanometers (SS3-A and SS3-AN only)                                                  |
| <b>Input Power</b>           | 24 Vdc nominal<br>12V minimum, 28V maximum                                                                                                                                                                          |
| <b>Power Consumption</b>     | 18 mA normal operation, typical<br>55 mA alarm condition, typical                                                                                                                                                   |
| <b>Output Relays</b>         | <b>Fire Alarm Relay:</b><br>NO & NC contacts<br>Latching / Non-Latching, switch selectable<br>Relay contact ratings:<br>0/5A at 120 VAc, 1.0A at 24 Vdc<br>Fire alarm relay is de-energized during normal operation |
| <b>Operating Temperature</b> | Operation: -32 to 170°F (0 to 77°C)<br>Storage: -4 to 185°F (-20 to 85°C)                                                                                                                                           |
| <b>Housing</b>               | NEMA 1 high impact ABS; general purpose indoor use only                                                                                                                                                             |
| <b>Weight</b>                | 12 ounces (0.340 kg)                                                                                                                                                                                                |
| <b>Dimensions</b>            | 4 x 5.25 x 1.75 in.                                                                                                                                                                                                 |
| <b>Mounting</b>              | Installs on a wall, ceiling, etc. with the included mounting bracket or on two properly spaced panhead screws using the Detector's double keyhole                                                                   |
| <b>Warranty</b>              | One years from factory shipping date                                                                                                                                                                                |



#### Please Note:

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.