

## FIK-5351 SERIES

### Addressable Heat Detectors

The Fike-5351 Series heat detectors are designed for both performance and aesthetics. The series includes a 135°F/57°C fixed-temperature, rate-of-rise, and a 180°F/88°C fixed high-temperature detectors. The point ID address, set using rotary decimal switches, provides specific detector locations.

These thermal detectors provide effective, intelligent property protection in a variety of applications. For further information, refer to manual I56-6533, Applications Manual, for detailed information on detector spacing, placement, zoning, wiring, and special applications.



#### FEATURES

- Designed to meet UL 268 7<sup>th</sup> Edition
- Addressable by device
- Rotary, decimal addressing
- Two-wire SLC connection
- LEDs blink every time the unit is polled
- 360°-field viewing angle of the visual alarm indicators (two bi-colored LEDs); LEDs blink green in Normal condition and turn on steady red in Alarm
- Integral communications and built-in device type identification
- Remote test feature from the panel
- Built-in functional test switch activated by an external magnet
- Walk test with address display
- Designed for direct-surface or electrical box mounting
- Optional remote, single-gang LED accessory
- Optional sounder, relay, and isolator bases
- Optional flanged surface mounting kit
- Plugs into a separate base for ease of installation and maintenance

## AGENCY LISTINGS AND APPROVALS

- UL Listed
- Factory Mutual Approved
- CSFM

*For exact certification listings, please reference the respective agency website.*

## SPECIFICATIONS

Physical/Environmental	
<b>Sensor Size:</b>	2" (5.3 cm) high; base determine diameter
<b>Base Size:</b>	B300-6: 6.1" (15.6 cm) diameter B501: 4" (10.2 cm) diameter
<b>Operating Temperature Range:</b>	FIK-5351 and FIK-5351R: -4°F to 100°F (-20°C to 38°C) FIK-5351H: -4°F to 150°F (-20°C to 66°C)
<b>Detector Spacing:</b>	UL approved for 50 feet (15.24 m) center to center FM approved for 25 x 25 feet (7.62 x 7.62 m) spacing
<b>Relative Humidity:</b>	10% to 93%, non-condensing
<b>Thermal Ratings:</b>	Fixed-temperature set point 135°F (57°C) Rate-of-rise detection 15°F (8.3°C) per minute High-temperature heat 190°F (88°C)
Electrical	
<b>Voltage Range:</b>	15 – 32 volts DC peak
<b>Standby Current:</b>	200µA @ 24 VDC maximum average (one communication every 5 seconds with LED enabled)
<b>LED Current:</b>	4.5 mA @ 24 VDC maximum (ON)

## ORDERING INFORMATION

Part Number	Description
<b>FIK-5351</b>	White, low-profile intelligent 135°F fixed thermal sensor
<b>FIK-5351R</b>	White, low-profile intelligent 135°F fixed and rate-of-rise thermal sensor
<b>FIK-5351H</b>	White, low-profile intelligent 190°F fixed high-temperature thermal sensor
<b>Bases</b>	
<b>B300-6</b>	White, standard flanged low-profile mounting base
<b>B300-6-BP</b>	Bulk pack of B300-6, package contains 10
<b>B300-6-IV</b>	Ivory, standard flanged low-profile mounting base
<b>B501-WHITE</b>	White, standard European flangeless mounting base
<b>B501-BL</b>	Black, standard European flangeless mounting base
<b>B501-IV</b>	Ivory, standard European flangeless mounting base
<b>B501-WHITE-BP</b>	Bulk pack of B501-WHITE, package contains 10
<b>B200S-WH</b>	White, intelligent programmable sounder base
<b>B200S-IV</b>	Ivory, intelligent programmable sounder base
<b>B200SR-WH</b>	White, intelligent sounder based for retrofit applications
<b>B200SR-IV</b>	Ivory, intelligent sounder base for retrofit applications
<b>B200S-LF-WH</b>	White, low frequency intelligent programmable sounder base
<b>BS200S-LF-IV</b>	Ivory, low frequency intelligent programmable sounder base
<b>B200SR-LF-WH</b>	White, low frequency intelligent programmable sounder base for retrofit applications
<b>B200SR-LF-IV</b>	Ivory, low frequency intelligent programmable sounder base for retrofit applications
<b>B224RB-WH</b>	White, plug-in relay base
<b>B224RB-IV</b>	Ivory, plug-in relay base
<b>B224BI-WH</b>	White, plug-in isolator base
<b>B224BI-IV</b>	Ivory, plug-in isolator base
<b>Accessories</b>	
<b>TR300</b>	White, replacement flange for B210LP or B300-6 bases
<b>TR300-IV</b>	Ivory, replacement flange for B210LP or B300-6 bases
<b>RA100Z(A)</b>	Remote 3-32 VDC LED annunciator
<b>M02-04-00</b>	Test magnet
<b>M02-09-00</b>	Test magnet with telescoping handle
<b>CK300</b>	White, detector color kit, pack of 10
<b>CK300-IV</b>	Ivory, detector color kit, pack of 10
<b>CK300-BL</b>	Black, detector color kit, pack of 10