

**MRI-5351AP / RAP / HAP
SELECT SERIES
INTELLIGENT THERMAL SENSORS**



MIX-5351AP sensor mounted on a B300-6 base

Description

The Select Series low profile thermal detectors are intelligent addressable plug-in detectors with point ID capability that enables each detector address to be set with rotary address switches providing exact device locations.

Detector sensitivity is continually monitored and reported to the fire alarm control panel. These intelligent sensors utilize a state-of-the-art thermistor sensing circuit for fast response.

Advanced Protocol uses a high speed communication protocol that greatly increases the speed of communication between the intelligent devices.

The select series devices are backwards compatible to operate in CLIP mode for legacy system applications.

The modern design and expanded color options support contemporary aesthetic demands. In addition, each detector is constructed for exceptional installation and maintenance efficiency.

Select Series thermal detectors provide cost-effective, intelligent property protection with a UL 521 listing.

MRI-5351AP Intelligent Heat Detector offers 135°F (57°C) Fixed thermal Detection.

MRI-5351RAP Intelligent Heat Detector offers 135°F (57°C) Fixed and rate-of-rise thermal Detection.

MRI-5351HAP Intelligent High Temperature Heat Detector offers 190°F (88°C) Fixed high temperature thermal detection.

Features

- New modern bright white profile
- Available as 135°F (57°C) fixed temperature, 135°F (57°C) fixed temperature with rate-of-rise detection and high temperature 190°F (88°C) fixed temperature
- Dual LEDs for 360° visibility.
- Low profile base provides easy interchangeability
- Low standby current
- Rotary address switches
- Expanded color kit options.

Specifications

Physical / Operating Specifications	
Height	2.0 inches (51 mm)
Diameter	6.2 inches (156 mm) installed in B300-6 base
	4.1 inches (104 mm) installed in B501-WHITE/-IV base
Shipping Weight	3.4 oz (95 g)
Operating temperature Range	Heat - Fixed-temperature: -4°F to 100°F (-20°C to 38°C)
	Heat - Rate of Rise (ROR): -4°F to 100°F (-20°C to 38°C)
	Heat - High Temperature: -4°F to 150°F (-20°C to 66°C)
Operating Humidity Range	10% to 93% non-condensing
Thermal Ratings	Fixed Temperature Setpoint: 135°F (57°C)
	Rate-of-Rise Detection: 15°F/min. (8.3°C/min.)
	High Temperature Heat: 190°F (88°C)

Electrical Specifications	
Voltage Range	15 to 32 VDC peak
Operating Current @ 24 VDC	200 uA (one communication every 5 seconds with green LED blink on communication)
Maximum Current	4.5 mA @ 24 VDC (one communication every 5 seconds with amber LED solid on)
Maximum Alarm Current	2 mA @ 24 VDC (one communication every 5 seconds with red LED solid on)



Ordering Information

Model	Description	Color
Intelligent Heat Detectors		
MRI-5351AP	Intelligent Heat Detector, Fixed Temperature - UL	White
MRI-5351RAP	Intelligent Heat Detector, Fixed Temperature with Rate-of-Rise Detection - UL	White
MRI-5351HAP	Intelligent High Temperature Heat Detector, Fixed Temperature - UL	White
Bases		
B501-WHITE	4" Flangeless mounting base - UL/ ULC	White
B501-IV	4" Flangeless mounting base - UL/ ULC	Ivory
B300-6	6" Flanged mounting base - UL	White
B300-6-IV	6" Flanged mounting base - UL	Ivory
B200SR-WH	Standard Sounder Base - UL	White
B200SR-IV	Standard Sounder Base - UL	Ivory
B200SR-LF-WH	Low-frequency Sounder Base - UL	White
B200SR-LF-IV	Low-frequency Sounder Base - UL	Ivory
B224BI-WH	Isolator Base - UL	White
B224BI-IV	Isolator Base - UL	Ivory
B224RB-WH	Relay Base - UL	White
B224RB-IV	Relay Base - UL	Ivory
Accessories		
CK300	Color Kit (includes cover and trim ring) - Pack of 10	White
CK300-IV	Color Kit (includes cover and trim ring) - Pack of 10	Ivory
CK300-BL	Color Kit (includes cover and trim ring) - Pack of 10	Black
TR300	Trim Ring	White
TR300-IV	Trim Ring	Ivory
RA100Z	Remote LED annunciator - UL	Ivory

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Issue 1
Page 2 of 2