5151 Plug-In Heat Detector

SYSTEM SENSOR®

5151

Models Available

5151
Plug-In Heat Detector

Description

5151 Plug-in HEAT Detectors offer superb performance and Reliability in a sleek, low-profile design.

The 5151 thermal detector meets the needs for Applications where rapid response is vital and rapid temperature increases would only be caused by a fire Emergency. The detector initiates an alarm in response to both rapid Rate-of-rise conditions (increases in excess of 15 °F per minute) and fixed heat (135 °F). This enables the heat Detector to communicate an alarm to the central control panel prior to reaching its fixed set point for high rates of Rise, providing a timely response to both rapid and slow temperature increases.

A full line of accessories are available for this product.

Features

• Low standby current
• Compatible with 400 Series product
• Two visible LEDs "blink" in standby and provide a 360° field viewing angle
• Detector head plugs easily into base
• Built-in test switch
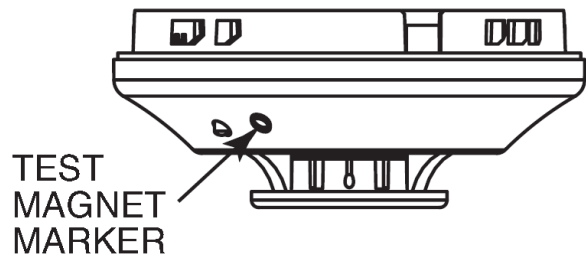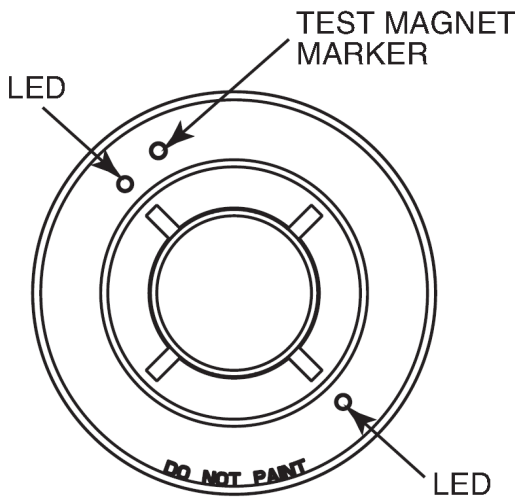• Wide variety of mounting bases with built-in shorting spring

Agency Listing

FM APPROVED

UL®

Specifications

Height:	50 mm installed in B401 Base
Diameter:	102 mm installed in B401 Base
Weight:	2.8 oz. (80 g)
Operating Temperature Range:	0 ℃ to 38 ℃ (32 ℉ to 100 ℉)
Operating Humidity Range:	10% to 93% Relative Humidity, non-condensing
Operating Voltage:	8.5 to 35VDC
Standby Current:	80μA @ 24VDC
Alarm Current:	10mA Min. 130mA Max. (Must be limited by control panel)
Latching Alarm:	Reset by momentary power interruption.
Sensitivity:	57 ℃ (135 ℉) Fixed or 15 ℉ /min rate-of-rise

Appearence

Ordering Information

Ordering Model	Description	UL	FM	UOM
5151	Plug-In Heat Detector	Yes	Yes	EA
B401	Plug-In Detector Base, 4″	Yes	Yes	EA
B401B	Plug-In Detector Base, 6.2″	Yes	NA	EA
B401-WP	Water proof Plug-In Detector Base, 4″	NA	NA	EA