



## 5600 Series Mechanical Heat Detectors

*System Sensor's 5600 series mechanical heat detectors offer a low-cost means for property protection against fire, and for non-life-safety installations where smoke detectors are inappropriate.*

### Features

- Multiple configurations for installations:
  - Single- and dual-circuit models
  - Fixed temp and combination fixed- temp/rate-of-rise 135°F or 194°F ratings.
- Plain housing for residential installations (Model 5601P)
- Easy-to-use terminal screws
- A broad range of back box mounting options:
  - Single gang
  - 3.5" and 4" Octagonal
  - 4" square with square to round plaster ring
- Reversible mounting bracket



**Multiple configurations.** The 5600 series offers a full-line of configurations to accommodate a broad range of applications. Both single- and dual-circuit models are available for low- and high-temperature ratings with either fixed temperature or combination fixed temperature/rate-of-rise (ROR) activation. The ROR element of the fixed/ROR models is restorable to accommodate field-testing.

**Installation flexibility.** To satisfy a variety of installation needs, the 5600 series easily mounts to single-gang and octagonal back boxes. And these models accommodate four-square back boxes, when used with a square to round plaster ring. The reversible mounting bracket permits both flush- and surface-mount back box installations.

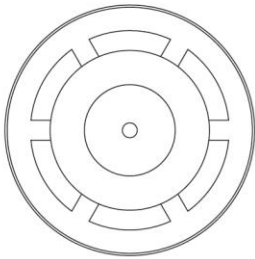
**Visual identification.** The 5600 series provides clear markings on the exterior of the unit to ensure that the proper detector is being used. Alphanumeric characters identify the activation method, as well as the temperature rating, in Fahrenheit and Celsius degrees. Fixed temperature models are identified FX, while combination fixed/rate-of-rise units are marked FX/ROR. The 5600 series also provides a post-activation indicator in the form of a collector. When the detector is activated, the collector drops from the unit, making it easy to identify the unit in alarm.

### Agency Listings

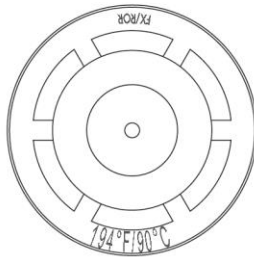


# Specifications

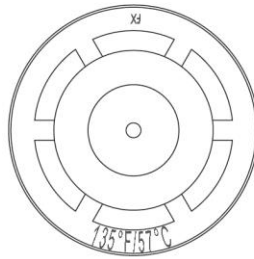
<b>Operating Voltage/Contact Ratings (Resistive)</b>	6 - 125 VAC / 3A 6 - 28 VDC / 1A 125 VDC / 0.3A 250 VDC / 0.1A
<b>Maximum Installation Temperature</b>	Models 5601(P), 5603, 5621, and 5623: 100°F (38°C) Models 5602, 5604, 5622, and 5624: 150°F (65.6°C)
<b>Alarm Temperature</b>	Models 5601(P), 5603, 5621, and 5623: 135°F (57°C) Models 5602, 5604, 5622, and 5624: 194°F (90°C)
<b>Rate-of-Rise Threshold:</b>	15°F (8.3°C) per minute (models 5601(P), 5602, 5621, and 5622 only)
<b>Operating Humidity Range</b>	5 - 95% RH non-condensing
<b>Input Terminals</b>	14 - 22 AWG
<b>Back Box Mounting</b>	3½" octagonal 4" octagonal Single gang 4" square with a square to round plaster ring
<b>Dimensions with mounting bracket</b>	Diameter: 4.57 inches (11.6cm)
<b>Height</b>	1.69 inches (4.3cm)
<b>Weight</b>	6 oz. (170 grams)



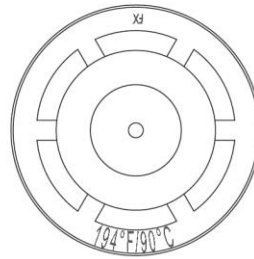
5601(P)



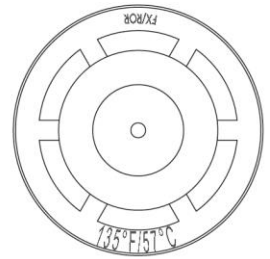
5602, 5622



5603, 5623



5604, 5624



5621

## Ordering Information

Model No.	Circuit	Temperature Rating	Description	UL Maximum Spacing (10-foot ceiling)	UOM
5601P	Single	135°F (57°C)	Fixed Temperature / Rate of Rise Without lettering printed	50-feet x 50-feet	EA.
5601		135°F (57°C)	Fixed Temperature / Rate of Rise		EA.
5602		194°F (90°C)	Print with temperature & "FX/ROR"		EA.
5603	Dual	135°F (57°C)	Fixed Temperature	25-feet x 25-feet	EA.
5604		194°F (90°C)	Print with temperature & "FX"		EA.
5621		135°F (57°C)	Fixed Temperature / Rate of Rise	50-feet x 50-feet	EA.
5622		194°F (90°C)	Print with temperature & "FX/ROR"		EA.
5623	Dual	135°F (57°C)	Fixed Temperature	25-feet x 25-feet	EA.
5624		194°F (90°C)	Print with temperature & "FX"		EA.

**NOTE: Refer to NFPA72 guidelines for spacing reductions when ceiling heights exceed 10 feet.**