

System Sensor 400 Series Smoke Detectors

- **63-1015 Photoelectric Detector (2451)**

(Discontinued) The 400 Series photoelectric smoke detector contains an optical sensing chamber designed to sense the presence of smoke particles produced by a wide range of combustion sources. A custom integrated circuit incorporates signal processing to reduce false alarms.



- **63-1017 Photo/Heat Detector (2451TH)**

Same as 63-1015 (2451) above, but with a 135° F (57.2 C) fixed temperature, restorable, bi-metallic heat sensor. The alarm contact will transfer if either of the detection types sense the fire.



- **67-1025 Ionization Detector (1451)**

The 400 Series ionization smoke detector includes a specially designed dual source, dual unipolar detection chamber design which will sense the presence of smoke particles produce by fast combustion as well as slow smoldering fires. This chamber exhibits increased stability, significantly reduces nuisance alarms, and provides better performance at higher velocities.



- **60-1027 135° Thermal (5451)**

The 400 Series thermal rate-of-rise with fixed heat detector contains a unique dual thermistor heat sensing circuit to provide maximum performance and solid state reliability. It is designed to initiate an alarm at 135° F and respond to a temperature increase in excess of 15° per minute. This enables the heat detector to communicate an alarm to the central control panel prior to reaching the static set point for these high rates of rise, providing a timely response to both rapid and slow temperature increases. This model should be used in applications where rapid response is desired and where rapid temperature increases would only be caused by a fire emergency.



Warning: Heat detectors are for property protection only, not life safety!