



Specifications

Operating Voltage Range	9 to 28 VDC Volts Non-polarized
Standby Current	≤120μA@24VDC
Maximum Alarm Current (LED on)	≤30mA@24VDC
Operating Humidity Range	≤95%RH(40°C±2°C) Relative Humidity, Non-condensing
Operating Temperature Range	-10°C to 50°C (14°F to 122°F)
Smoke Alarm Sensitivity	1.06±.26%FT
Fixed Temperature Rating	57°C
Rate of Rise Detection	Responds to greater than 8.3°C /min
Height	42 mm installed in Base
Diameter	64 mm

General Description:

The detectors are photo-electronic smoke and heat detector uses a state-of-the-art optical sensing chamber and high sensitivity thermal sensor. This detector is designed to provide open area protection and to be used with most conventional fire alarm panel and security alarm panel. One LED on the detector provides local visible alarm indication. The detector would be ready to work after power on 3 seconds. The LED would flash every six seconds indicating that power is applied and the detector is working properly. When detector smoke or heat sensor pre-alarms, the LED would flash 6 times and then the detector alarms. The LED would quick flash (0.25 second on/ 0.25 second off) when smoke sensor alarms, and meanwhile the OP1 have signal output. The LED would quick flash (0.25 second on/ 0.25 second off) 4 times, and then 1 seconds LED off when heat sensor alarms, and meanwhile the OP1 have signal output. When smoke and heat sensor alarms together, the OP2 has signal output, and then the LED would slow flash(0.5second on/0.5 second off) to the end of delay time, and then the LED would light on continuously and relay contacts activated when the delay time finished. LED will be flash once every one second when a trouble condition exists indicating that the detector sensitivity is outside the listed limit. The alarm can be reset only by a momentary power interruption. The detector would be reset automatically to the normal status after the smoke or heat sensor return from alarm status to the normal status 2 minutes late. When the smoke and heat alarms together, the detector would latch the alarm status until reset by panel.

