

COMBINED SMOKE & HEAT DETECTOR

DESCRIPTION

- The Detector is Smoke & Heat Detector. It was designed on theory in which the light emits diffusively to various directions when reflecting onto the smoke cell.
- Soon as the detector sensors the desired density of the smoke, after several times of confirmation as a flame smoke, it then transfers into signal and transmits to signal receiver or control disc to change the fire alarm or activate the equipment of fire resistance gate and smoke expellention value.
- Before the fire break out, internal temperature would become higher than usual standard, when it reaches to the programmed temperature level, the sensor will transfer signal to the control panel to convert the L-C into short signal. At this moment, the confirmation lamp will light up for notification.



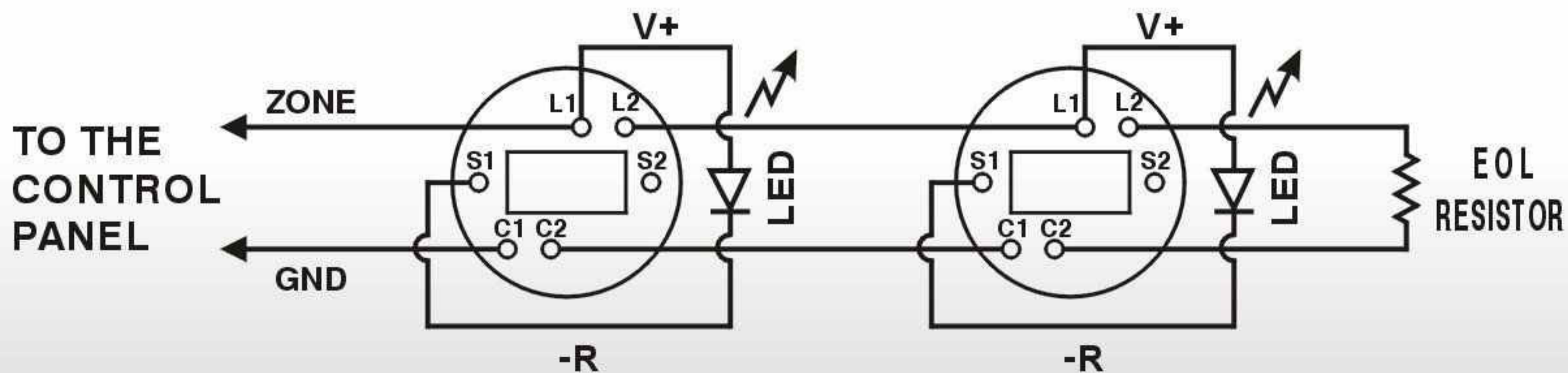
FEATURES

- Low current design 16 ~ 32 VDC range.
- Base options for supplementary relay, and / or remote indicator, 2-wire - 3-wire and 4-wire applications.
- Signal source : Highly reliable LED light sources and photodiode sensors are used.

SPECIFICATIONS

- Input Voltage Range 16 V ~ 32 VDC (DC24V)
- Alarm Current 10 ~ 100 mA MAX
- Standby Current 60 μ A / 24 VDC
- Relative Humidity 0 ~ 95%RH
- Set Temperature 135°F (57°C)
- Remote LED Indicator Connection

BASE WIRING INFORMATION



■ REMOTE INDICATOR

DETECTOR STRUCTURE

Appearance	Weight	Diameter	Height
White	187 g	10.6 cm	5.2 cm

EFFECTIVE WARNING AREA (SMOKE)

Height above the ground	Below 4 M	4 ~ 8 M	8 ~ 15 M
Building	100 M ²	50 M ²	30 M ²

EFFECTIVE WARNING AREA (HEAT)

Height above the ground	Below 4 M	4 ~ 8 M
Building	20 M ²	15 M ²