



## FIRE ALARM DETECTOR



By manufactured :  
Chang Long Fire Protection Inc.  
MADE IN TAIWAN

# Rate Of Rise Detector



## CL-183

### Description

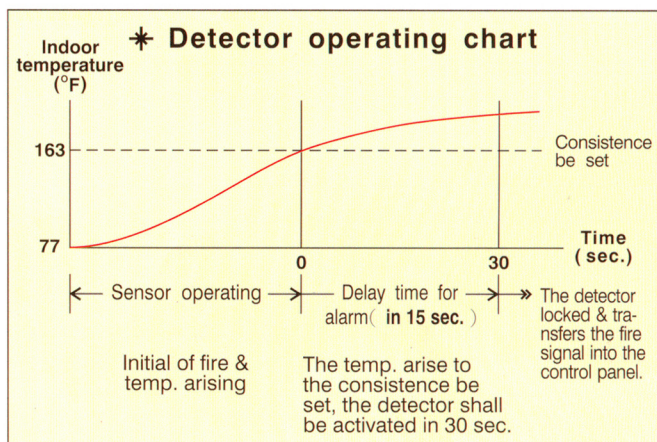
- When the fire break out, temperature runs up quickly, soon reaches the first stage standard the sensor will responsively reacts and send signal to the message-receiving control panel to convert L-C into short signal. At this moment, the confirmation lamp will light up for notification. Below is the motion temperature :
- 1. Ordinary temperature plus 86 °F, it can automatically sensor within 30 seconds.
- 2. When ordinary temperature increases at 60 °F, per minute under a continuous condition, it can automatically sensor within 4 minutes and 30 seconds.

### Features

- For security system.
- Two-wire low current design 16 ~ 32 VDC range
- Base options for supplementary relay, and / or remote indicator, 2-wire and 4-wire applications.
- Signal source : thermal sensor.
- The integrated wiring system was designed with highly reliable electronic type.

### Specifications

- Input Voltage Range ..... 16 V ~ 32 VDC ( DC24V )
- Alarm Current ..... 60 mA (MAX)
- Standby Current ..... 35  $\mu$ A peak @ 24VDC
- Environmental Temperature ..... 32 °F ~ 140 °F
- Relative Humidity ..... 0 ~ 95%RH
- Sensitivity ..... 30 sec. Plus 86 °F
- Aux. Relay Rating ..... 0.5A @ 120 VAC / 1A @ 24 VDC



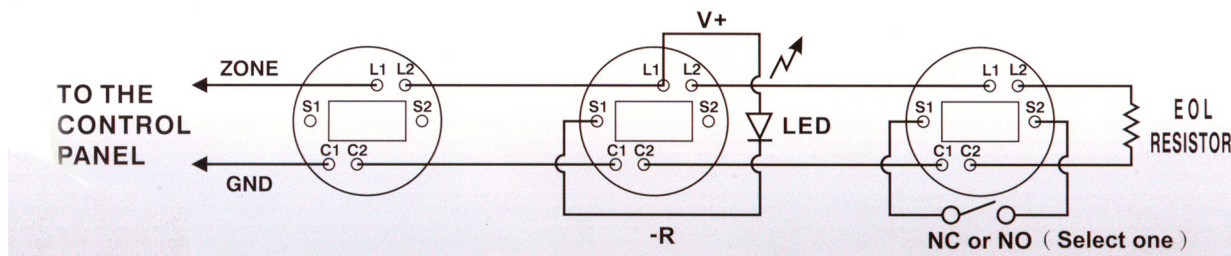
### EFFECTIVE WARNING AREA

Height above the ground	Below 4 M	4 ~ 8 M
Building	20M <sup>2</sup>	15M <sup>2</sup>

### DETECTOR STRUCTURE

Appearance	Weight	Diameter	Height
Ivory	130 g	10.6 cm	5 cm

### Base Wiring Information



■ NORMAL  
MODE

■ REMOTE  
INDICATOR

■ AUXILIARY  
CONTACTS