Golf Security Technology

Conventional Heat Detector
C-9103, C-9103R

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C-9103 is a microprocessor based dual heat detector, which combining both fixed temperature and rate of rise heat detection. It is designed according to EN54-5 standard.

As standard the fixed temperature is set to 66 degree C, while the rate of rise is set to 6 degree C per one minute. Once either the fixed temperature or temperature rising reaches the setting point, the detector will be triggered to the alarm state. The alarm state will be reset with the signal from the fire alarm panel.

Features

1. Built in 8 bit microprocessor
2. Algorithm maps for false alarm rejection
3. Analogue sensing
4. Secure and speedy communication
5. Self diagnosis and history log
6. Twin LED for 360º vision
7. Low profile design
8. LPCB approval

Description

This detector is very reliable for application in places where may have high dust levels or smoky environments which makes a normal smoke detector unsuitable, for example boiler rooms, plant, car parks, kitchen, loading bays, furnace rooms. C-9103 meets the sensitivity requirement of EN 54 part 5 and part 6 European Standard and approved by LPCB.

Aesthetically pleasing low profile design and easy to install. The latest development of intelligent processor provides algorithm mapping, built-in A/D converter, self diagnosis and history log.

C-9103R has an output to drive the remote LED indicator.

Technical Specifications

- Operating voltage: 12 to 28Vdc
- Operating Current:
  Standby current: <0.06mA
  Alarm current: 10 to 30mA
- Operating temperature:
  -10°C to +40°C
- Fixed temperature: 66ºC
- Rate of rise temperature: 3ºC/min
- Output for remote indicator: 4.3V, 1mA
- Relative humidity: 95%
- Application: Indoor use
- Detecting range: 50 sqm. for normal areas; and 20 sqm for high risk
- Visual Indicator: twin LED, Red (lit steady when alarm; off at normal state)
- Enclosure IP rating: IP 22
- Material and colour: ABS, off-white
- Wiring: 1 pair polarized
- Dimensions: diameter 100mm; height 50mm

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