RIO

Model No.HC-101

5 YEARS WARRANTY

Conventional Rate of Rise and Fixed Temperature Heat Detector

Overview

RIO heat detectors are designed to be effective. Heat detection using MCU for management And we have experimented and designed it to be suitable for use in Residential buildings, and condominiums. We also design our equipment to be easy to maintain.

Feature

Conventional Rate of Rise and Fixed Temperature Heat Detector model HC-101 is designed using all MCU processing technology, so we can customize the features available in the following features:

1.Two wire conventional heat detector

2.The RIO-100 Series detectors can choose whether provide normal operating conditions, the LED displayed on the device provides Flashing or off . Mode

3. In normal working condition, the Remote LED Lamp will flash slowly to show the working status of the device. And in the emergency notification condition, the Remote LED will blink quickly.

4.The LEDs will latch on during alarm, and can only be reset by a momentary power interruption.

Technical specification

- Operation voltage 16 Vdc-28 Vdc
- Standby current 50 µA.
- Alarm current 55 mA.
- Operating temperature 0 ~50 C•
- Operating humidity 0-95% RH ,Non condensing
- Sensitivity Action Temperature:135°F (57°C)
- Response rate of rise:15°F /min (8°C /min)

Application

- Wide operating voltage for fire alarm conventional device
- Suitable for indoor installations such as kitchen room , pantry area and areas that need to be detected.
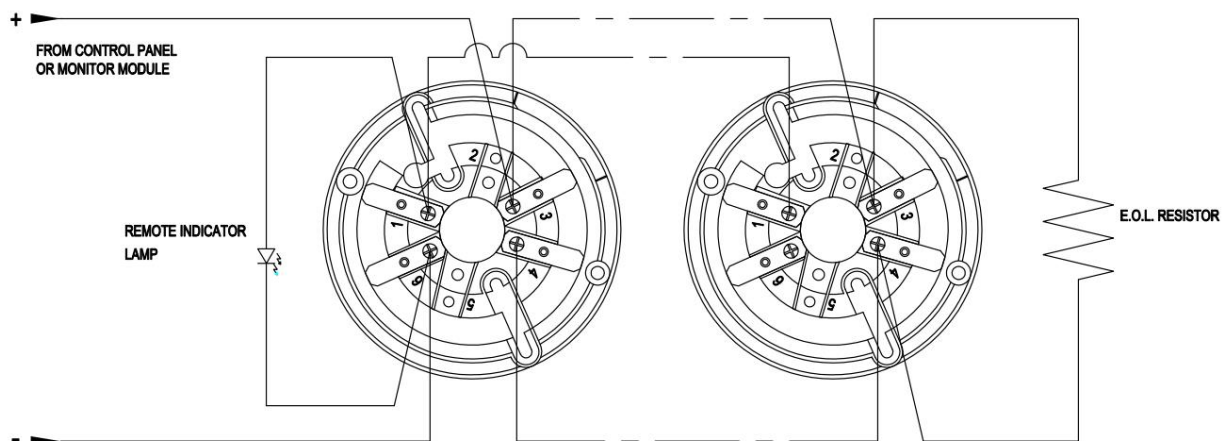
![RIO]

Typical wiring diagram

FROM CONTROL PANEL
OR MONITOR MODULE

REMOTE INDICATOR
LAMP

E.O.L. RESISTOR

Figure. 1

Model	Voltage (DC)	Standby current	Alarm current	Fire LED	Remote LED	Base Model
HC-101	11-28 Vdc	$\leq 40\ \mu A$	$\leq 50\ mA$	Normal Red, flash	√	B100

Testing

The Heat detector test can be performed using a heating device. and sends heat to the Heat detector. When the device is working, there will be a red LED lit. We can reset the system.

Maintenance

Cleaning the heat detector The heat detectors easy field cleaning and service. Whenever the Alarm LED indicates that cleaning is necessary, follow the steps given below. Clean the chamber by blowing dust or washing all components except PBB Part only. reassemble and then do the test again.

Cautions

Dust covers can't be removed until the project is put into use formally. Take well care of dust covers for future use.

Listings

UK CA CE

Accessories

- B100   Standard base for SC-101,HC-101