DHI-HY-C132

Conventional Heat Detector

- Meets all requirements of latest EN54
- Two-wire, polarity-free realizes convenient wiring
- Completes EMC test, it has strong anti-electromagnetic interference ability, high stability and reliability
- Differential temperature intelligent detection algorithm satisfies a variety of complex scenarios
- Non-loosening screws on base terminal for easy installation
- Contacts material is highly acid-resistant and rust-resistant
- Designed in accordance with EN54-5 standard

System Overview

DHI-HY-C132 Conventional Heat Detector is a mated product of the Conventional Fire Alarm Control Panel. Integrated with two-wire and polarity-free technology, this detector analyzes ambient temperature by rate of rise & fixed temperature algorithm to trigger alarms.

Functions

Temperature alarm

With rate of rise & fixed temperature algorithm, when the temperature reaches the preset alarm threshold, the detector sends alarm signal, satisfying a variety of complex scenarios.

Non-addressable

Without encoding, easy debugging and operating.

Scene

It is suitable for kitchens, smoking rooms, boiler rooms, generator rooms and other high-humidity places, where is not suitable to use photoelectric smoke detectors.

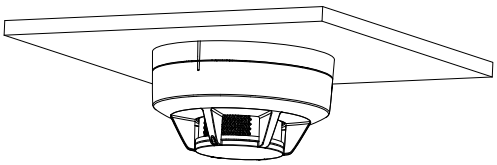
Technical Specification

Working Voltage	DC9V-DC30V
Rated Power	3.408mW
Current	Standby current: ≤ 45μA Alarm current: ≤ 24mA
Sensor Class	A2R
Fixed Detection Threshold	62°C ± 3°C (144°F ± 37.4°F)
Dynamic Detection	1 to 30 K min^{-1}
Alarm Mode	Visual alarm
Coverage Area	H ≤ 4 m (13.12 ft): 50 m^2 4 m(13.12 ft) ≤ H ≤ 12 m(39.37 ft): 30 m^2
Operating Temperature	–10°C to +50°C (+14°F to +122°F)
Operating Humidity	≤ 95% RH (no condensation)
Dimensions (with base)	Φ100 mm × 50 mm (Φ 3.00" × 2.13")
Weight (with base)	81 g (0.18 lb)
Installation	Ceiling Mount
Compliance Standard	EN 54-5

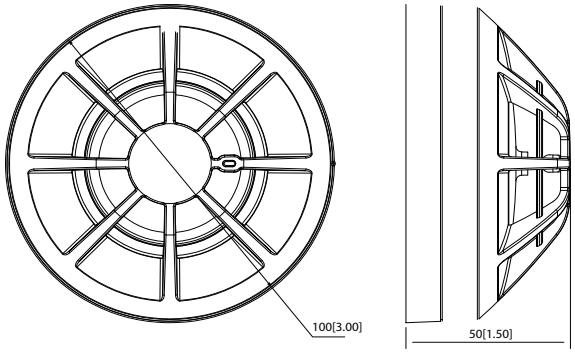
Response Time Limits

Rate of Rise of Air Temperature	Lower Limit of Response Time		Upper Limit of Response Time	
K min^{-1}	min	s	min	s
1	29	0	46	0
3	7	13	16	0
5	4	9	10	0
10	2	0	5	30
20	1	0	3	13
30		40	2	25

Installation



Dimensions (mm/inch)



Ordering Information

Type	Model	Description
Conventional Heat Detector	DHI-HY-C132	Conventional Heat Detector