

24VDC Addressable Rate Of Rise Heat Detector Non Polarity 2 Wire

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CE
- Model Number: CA9005
- Minimum Order Quantity: 1PCS
- Price: negotiable
- Packaging Details: 100pcs/carton
- Delivery Time: 3 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 100000PCS/Month



Product Specification

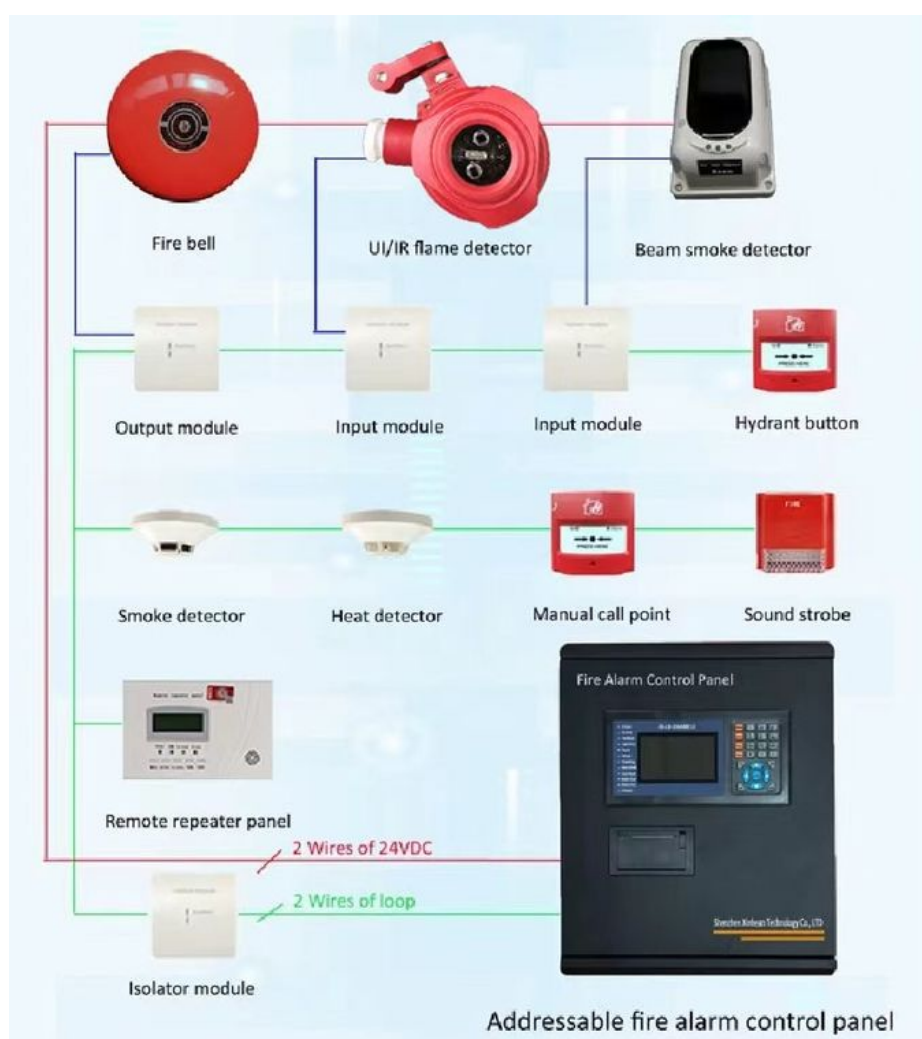
- Types Of Smoke Detectors: Addressable Rate Of Rise Heat Detector
- Connected: Loop Bus
- Power Supply: 24VDC
- Installation: Ceiling Mounting
- Wire Type: Non-Polarity 2-Wired
- Type: Addressable
- Highlight: 24VDC Addressable Rate Of Rise Heat Detector , Addressable Rate Of Rise Heat Detector Non Polarity



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Product Description

Addressable Rate-Of-Rise Heat Detector For Fire Alarm Fire Detection System



Introduction

An addressable heat detector is a specialized fire detection device that is part of an addressable fire alarm system.

Unique Address:

Each addressable heat detector is assigned a unique identifier or address within the fire alarm system. This unique address allows the central control panel to pinpoint the exact location of the activated heat detector.

Digital Communication:

Addressable heat detectors communicate digitally with the fire alarm control panel through a dedicated communication network, which can be wired or wireless.

This digital communication enables the control panel to continuously monitor the status of each individual heat detector.

Temperature Sensing:

The addressable heat detector contains one or more temperature sensors that continuously monitor the ambient temperature in the protected area.

These sensors are designed to detect rapid increases in temperature or the presence of high temperatures, which can be indicative of a fire.

Alarm Reporting:

When the addressable heat detector senses a temperature that exceeds a predetermined threshold, it sends a digital signal to the control panel, indicating the activation and its unique address.

The control panel can then immediately identify the location of the triggered alarm, enabling a targeted and efficient emergency response.

Supervisory Functions:

Addressable heat detectors are equipped with self-diagnostic capabilities, allowing them to monitor their own internal components and report any issues to the control panel.

This includes detecting problems such as a sensor malfunction, communication failure, or other technical problems.

Notification Appliances:

Many addressable heat detectors are integrated with notification appliances, such as audible alarms (e.g., sirens) and visual indicators (e.g., strobe lights).

When the heat detector is triggered, it can activate these notification appliances to alert building occupants of the fire emergency.

Integration with Control Panel:

Addressable heat detectors are designed to seamlessly integrate with the fire alarm control panel, which acts as the central command and monitoring center for the entire system.

The control panel can receive status updates, issue commands, and coordinate the response of the connected heat detectors and other fire alarm devices.

Customizable Settings:

Some addressable heat detectors offer adjustable temperature thresholds, allowing the system administrator to fine-tune the detector's activation point based on the specific environment and occupancy.

This helps reduce the likelihood of false alarms while maintaining effective heat detection.

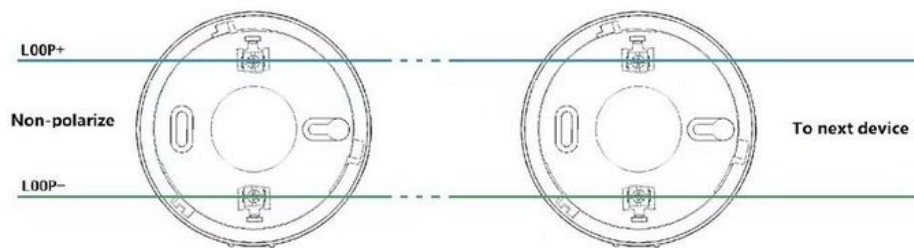
Parameters

Product name	Heat Detector	Type	Addressable
Loop Bus wired	2-wire Non-polarized	Monitor Current	≤350uA
Alarm Current	≤2mA	Dimension	Φ85*42 mm
Work voltage	DC17V DC33V	Operating Environment	Temperature -10°C~+50°C Humidity ≤95%.
Weight	Weight:93g(with base)	Certification	CE

Main Functions

- Electrically addressed, can be modified by programmer.
- Strong environmental adaptability due to drift compensation.
- Self-diagnostic.
- Communication:2 wires,Non-polarized.

Connection between Detector



Wiring diagram of detector

Product range

Conventional Fire Alarm System

Addressable fire alarm system

Gas Extinguishing control system

Beam Detector

4 wire smoke detectors with relay output.

2 wire Conventional smoke and heat detectors

Explosion-proof flame detector for fire alarm system

Standalone smoke detectors and combustible gas detector

Service

1. OEM &ODM service.
2. Provide technical support and after-sale service.
3. 1 year warranty.
4. Normally 15 working days lead time.
5. Welcome sample order.



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