

## Conventional Fire Alarm System Building Fire Detection with Heat Detector

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CE
- Model Number: XHA8025
- Minimum Order Quantity: 1
- Price: negotiable
- Packaging Details: 100pcs/carton
- Delivery Time: 3 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 10000PCS/Month



### Product Specification

- Name: Conventional Heat Detector
- Application: Fire Alarm System
- Humidity Range: 10-90%
- Wired: 2 Wired, Non-polarized
- Operating Temperature: 0-50°C
- Standby Current:  $\leq 80\mu A$  @ 24 VDC
- Product Type: 2 Wire Heat Detector
- Highlight: Building Fire Detection Heat Detector, Heat Detector Conventional Fire Alarm System



### More Images



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## Product Description

### Conventional Heat Detector For Fire Alarm Fire Detection System In Building



#### Introduction

This Heat detector consists of the following key components:

##### Sensing Element:

The sensing element is the core component that detects changes in temperature.

It can use either a fixed temperature or a rate-of-rise principle to detect heat.

Fixed temperature detectors activate the alarm when the temperature reaches a predetermined threshold.

Rate-of-rise detectors activate the alarm when the temperature rises at a rapid rate, indicating a potential fire.

##### Alarm Horn/Sounder:

When the sensing element detects a rise in temperature, the heat detector activates a loud audible alarm, typically a high-decibel beeping or buzzing sound.

The alarm is intended to wake up and alert occupants to the presence of a heat source, prompting them to evacuate the area.

##### Power Source:

Conventional heat detectors can be powered by a hardwired connection to the building's electrical system.

##### Status Indicators:

Heat detectors often have visual status indicators, such as LED lights, to provide feedback on the device's operational status.

These indicators can signal issues like low battery, sensor malfunctions, or normal operation.

##### Mounting:

Conventional heat detectors are typically mounted on the ceiling or high on walls, as heat rises and accumulates at the ceiling level.

The mounting hardware allows for easy installation and replacement of the detector as needed.

#### Parameters

Product Name	Heat Detector	Rated operational voltage	9 to 28VDC Volts
Wired	2 Wired, Non-polarized	Static current	≤80μA @ 24 VDC

Alarm current	≤20mA @ 24 VDC	Work temperature	-10°C~+50°C
Certification	CE	Humidity	≤95%.
Size	103*103*55mm	Weight	105 g

## Feature

Conventional Smoke Detector, Operates by Advanced MCU Expert Algorithm Software.

SMD circuit board design-satisfactory quality and reliability guaranteed

They work perfectly with all conventional intelligent fire control panels

Key Specifications/Special Features

Advanced MCU Expert Algorithm Software.

Durable sensor head, no need for replacement

Easy installation and maintenance

## Installation

### INSTALLATION

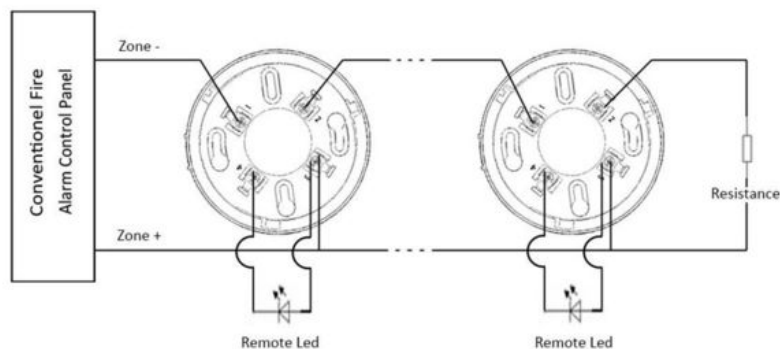
**NOTE:** All wiring must conform to applicable local codes, ordinances, and regulations.

**NOTE:** Verify that all detector bases are installed, that the initiating-device circuits have been tested, and that the wiring is correct.

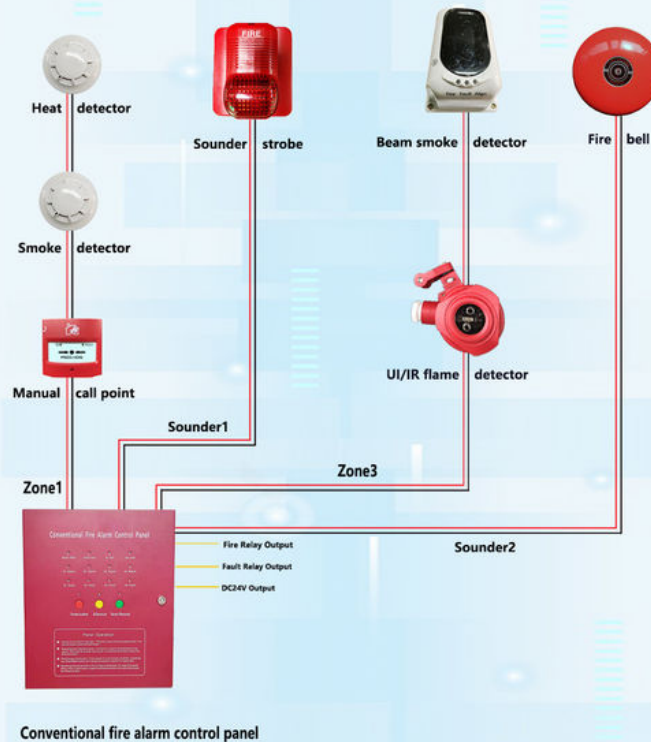
**Remove power from initiating-device circuits before installing detectors.**

1. Wire the sensor base per the wiring diagram, Figure 1.
2. Install the sensor into the sensor base. Push the sensor into the base while turning it clockwise to secure it in place.
3. After all sensors have been installed, apply power to the control unit.
4. Test the sensor(s) as described in the TESTING section of this manual.
5. Notify the proper authorities that the system is in operation.

**Warning:** Forbid connect 24VDC directly without current-limiting resistance. Otherwise, the detector would be burnt out.



## Conventional Fire Alarm System



### 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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