

## 1A DC24V Smoke Detector with Relay Output Protecting Against Smoke in High Humidity Environments

## Basic Information

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|---------------------------|--------------------|
| ● Place of Origin:        | China              |
| ● Brand Name:             | XHA                |
| ● Certification:          | CE                 |
| ● Model Number:           | XHA8023            |
| ● Minimum Order Quantity: | 1PCS               |
| ● Price:                  | negotiable         |
| ● Packaging Details:      | 100pcs/carton      |
| ● Delivery Time:          | 3 Working days     |
| ● Payment Terms:          | T/T, Western Union |
| ● Supply Ability:         | 10000PCS/Month     |



## Product Specification

- 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.
- Functions: Work: Under Normal Circumstances, The Indicator Of The Detector Will Flash About Every 8 Seconds. When The Smoke Concentration Reaches Or Exceeds The Alarm Value, The Red LED Light Of The Detector Remains Bright, Makes A Sound, And Starts The Relay Output.
- Alarm Current:  $\leq 90\text{mA}$
- Product Range: Conventional Fire Alarm System, Addressable Fire Alarm System, Gas Extinguishing Control System, Beam Detector, 4 Wire Smoke Detectors With Pulse Output, 2 Wire Concentration Control



## Product Description

### Product Description:

A 4-wire smoke detector is an essential safety device that offers reliable detection of smoke and fire hazards. This particular smoke detector model comes with a contact capacity of 1A DC24V, allowing for seamless integration into various alarm systems. The optional No/Nc feature provides flexibility in how the detector can be configured.

Equipped with advanced functionalities, this heat and smoke detector operates effectively under normal circumstances by intermittently flashing its indicator light every 8 seconds. In the event of a fire or smoke concentration exceeding the preset alarm level, the detector's red LED light illuminates continuously, emits an audible alarm, and triggers the relay output to alert occupants of potential danger.

Designed to meet the highest safety standards, this flame sensing device complies with the CE product standard, ensuring quality performance and adherence to regulatory requirements. With a compact dimension of  $\Phi 105\text{mm}$  and  $H50\text{mm}$ , this smoke detector can be discreetly installed in various settings to provide comprehensive fire detection coverage.

Operating efficiently in environments with humidity levels of up to 95%, this 4-wire smoke detector is suitable for a wide range of applications where early detection of smoke and fire is crucial. Its automatic alarm restoration feature ensures that the detector returns to its normal state once the smoke concentration diminishes, providing continuous protection and peace of mind.

### Features:

Product Name: 4 Wire Smoke Detector

Features:

Sound & Light Alarm

Relay Output

Static Current:  $\leq 5\text{mA}$

Installation:

The mounting hole size of the detector base is  $49\text{mm} - 64.2\text{mm}$ .

During installation, two installation holes with a diameter of 5 mm were punched at a suitable position on the ceiling.

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

Combustible gas detector

Service:

OEM & ODM service

Provide technical support and after-sale service

1 year warranty

Normally 15 working days lead time

Welcome sample order

### Technical Parameters:

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
Dimension	$\Phi 105\text{mm}$ , $H50\text{mm}$
Working Temperature	$-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

<b>Installation</b>	The mounting hole size of the detector base is 49mm - 64.2mm. During installation, two installation holes with a diameter of 5 mm were punched at a suitable position on the ceiling.
<b>Humidity</b>	≤95%
<b>Output</b>	Sound & Light Alarm, Relay Output
<b>Product Range</b>	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
<b>Product Category</b>	4 Wire Smoke Detector
<b>Contact Capacity</b>	1A DC24V (No/Nc Optional)
<b>Functions</b>	Work: Under normal circumstances, the indicator of the detector will flash about every 8 seconds. When the smoke concentration reaches or exceeds the alarm value, the red LED light of the detector remains bright, makes a sound, and starts the relay output. When the smoke concentration in the environment returns to normal state, the detector automatically returns to normal state (Alarm can automatically restore the state).

## Applications:

With an alarm current of ≤90mA and a rated operational voltage of DC12~24V, the XHA8023 4 Wire Smoke Detector is designed to offer reliable fire alarm sensor capabilities. It features a contact capacity of 1A DC24V (No/Nc Optional) and a static current of ≤5mA, ensuring efficient performance in detecting smoke and triggering alarms.

The XHA8023 4 Wire Smoke Detector is suitable for a wide range of product applications, including conventional fire alarm systems, addressable fire alarm systems, gas extinguishing control systems, beam detectors, and smoke detectors with relay output. It also works seamlessly with 2 wire conventional smoke and heat detectors, explosion-proof flame detectors for fire alarm systems, standalone smoke detectors, and combustible gas detectors.

## Support and Services:

Our Product Technical Support and Services for the 4 Wire Smoke Detector include: -----

- Installation guidance and troubleshooting assistance
- Product maintenance tips and recommendations
- Software updates and compatibility information
- Product warranty information and claims processing

## Packing and Shipping:

Product Packaging: -----

The 4 Wire Smoke Detector is carefully packaged to ensure it arrives in perfect condition. It is securely wrapped in protective materials to prevent any damage during transit.

Shipping:

We offer fast and reliable shipping for the 4 Wire Smoke Detector. Orders are typically processed within 1-2 business days and shipped using trusted carriers to ensure timely delivery.

## FAQ:

**Q: What is the brand name of the 4 Wire Smoke Detector?**

A: The brand name of the 4 Wire Smoke Detector is XHA.

**Q: What is the model number of the 4 Wire Smoke Detector?**

A: The model number of the 4 Wire Smoke Detector is XHA8023.

**Q: Where is the 4 Wire Smoke Detector manufactured?**

A: The 4 Wire Smoke Detector is manufactured in China.

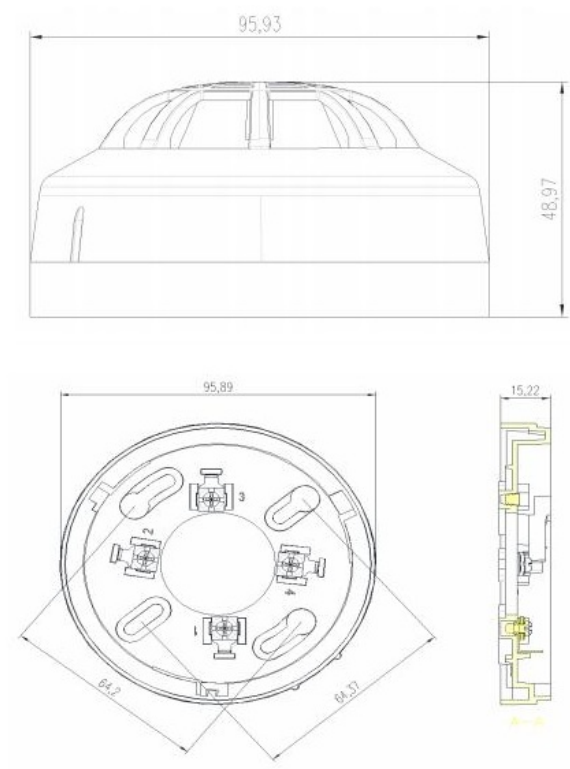
**Q: What is the minimum order quantity for the 4 Wire Smoke Detector?**

A: The minimum order quantity for the 4 Wire Smoke Detector is 1 piece.

**Q: What are the accepted payment terms for purchasing the 4 Wire Smoke Detector?**

A: The accepted payment terms for purchasing the 4 Wire Smoke Detector are T/T and Western Union.





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