Addressable Fire Detection And Fire Alarm System For Commercial / Industrial Facilities

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CE
- Model Number: CA100
- Minimum Order Quantity: 1PCS
- Price: negotiable
- Packaging Details: 1PCS/Carton
- Delivery Time: 7 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 500pcs/month

Product Specification

- Type: Intelligent Smoke Alarm System
- Backup Battery: 12V 2.3 Ah
- Main Power: AC 90-240V, 50/60Hz
- Capacity: 254points/loop
- Number Of Detectors: 1 Loop
- Operating Temperature: -10°C To 50°C
- Wiring Mode: Non-Polarity 2 Wired
- Humidity Range: 10% To 95% (non-condensing)
- Alarm Output: Relay Output
- Highlight: **Addressable Fire Detection And Fire Alarm System**
                                 , **Addressable Fire Detection And Alarm System**
                                 , **Addressable Fire Detection System**

Product Description

Addressable Fire Alarm System Fire Detection For Commercial And Industrial Facilities

CA100 Fire Alarm Control Panel

Introduction

An addressable fire alarm system is a type of fire detection and alarm system that uses addressable devices, such as smoke detectors, heat detectors, and manual pull stations, to communicate their status and location back to a central control panel. Each addressable device is assigned a unique address or identifier, allowing the control panel to precisely pinpoint the location of a triggered alarm.

Parameters

Product Name	Addressable Fire Alarm Control Panel	Capacity	254points/loop
Capacity	Maximum 1 loops	Main power supply	AC220V± 15%, 2.5A, 50HZ.
Battery power supply	DC 24V (1 sealed batteries: 1*12V*2.3Ah)	Loop Bus wired	Non-polarity 2 wired.
LCD	Small size, easy Installation	Operating Environment	Temperature -10°C~+50°C Humidity ≤95%.

Main Functions

Addressable Devices: Unlike conventional fire alarm systems that use zone-based detection, addressable systems have individual devices with unique addresses. This allows the control panel to identify the exact location of an alarm or trouble condition.

Central Control Panel: The heart of the system is the addressable fire alarm control panel. It continuously monitors the status of all connected devices and can quickly identify the triggering device during an alarm.
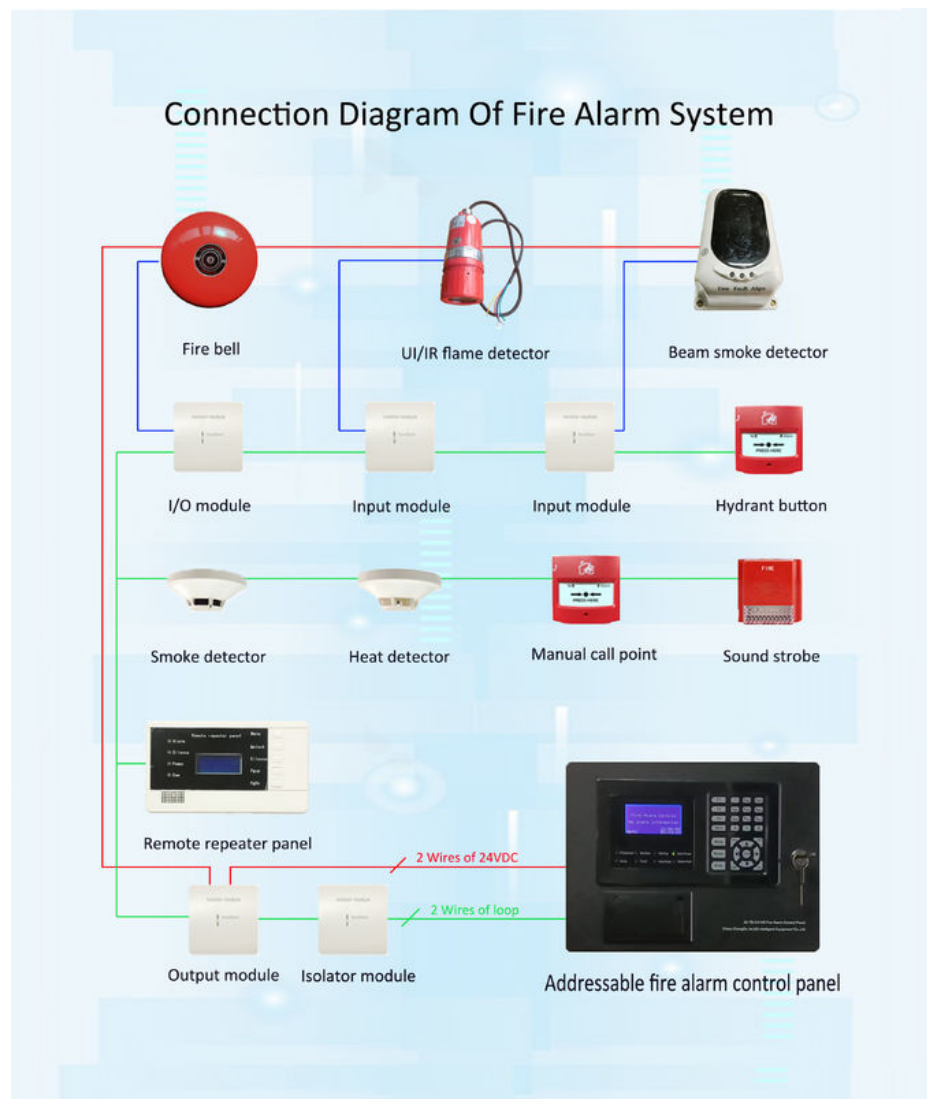
Zoning and Mapping: The control panel can be programmed to associate addressable devices with specific zones or floor plans. This provides clear visual indication of alarm locations on the control panel's display.

Increased Flexibility: Addressable systems offer more flexibility in system design and expansion. New devices can be easily added or relocated without rewiring the entire system.

Advanced Diagnostics: The control panel can provide detailed diagnostic information, such as device status, maintenance requirements, and wiring faults, to aid in system troubleshooting and maintenance.

Integrated Systems: Addressable fire alarm systems can be integrated with other building systems, such as HVAC, access control, and security, for coordinated emergency response and control.

Scalability: Addressable systems can accommodate a large number of devices, making them suitable for small to large-scale commercial, industrial, and multi-story buildings.

Connection Diagram Of 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 combustable gas detector

Service

1. OEM &ODM service.
2. Provide special technical support and after-sale service.

3. 1 year warranty.
4. Normally 15 working days lead time.
5. Welcome sample order.