



Shenzhen Xinhe'an Technology Co., Ltd.

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FM 200 Fire Suppression System Gas Extinguisher Comprehensive Fire Protection Solution with Gas Extinguishing Fire Suppression System Gas Fire Extinguishing System

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: XHA
- Certification: CE
- Model Number: XHAGC1004
- Minimum Order Quantity: 1PCS
- Price: negotiable
- Packaging Details: 4pcs/carton
- Delivery Time: 3 Working days
- Payment Terms: T/T, Western Union
- Supply Ability: 500pcs/month



Product Specification

- Introduction: Gas Extinguishing Control Systems Are Comprehensive Fire Protection Solutions That Utilize Gaseous Agents To Suppress And Extinguish Fires.
- Product Category: Gas Extinguishing System
- Weight: 5kg
- 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.
- Mains Supply: 90 To 270VAC, 50Hz/60Hz
- Product Name: Flexible Gas Extinguishing System For Comprehensive Fire Safety Solutions FM200 Gas Fire Suppression System 4 Zone Gas Fire Suppression System



More Images



Product Description

Product Description:

The Gas Extinguishing System is a cutting-edge fire suppression control product designed to safeguard your property with its advanced features and reliable performance. This system is a key component in ensuring the safety and protection of your assets in case of a fire emergency.

Monitoring fire detection devices is a crucial aspect of the Gas Extinguishing System's functionality. The control panel of this system is equipped to receive and process signals from various fire detection devices such as smoke detectors, heat detectors, and other fire alarm sensors that are strategically installed in the protected area. This seamless integration allows for swift and accurate detection of potential fire hazards, enabling timely response and activation of the fire suppression mechanism.

As a Fire Suppression Control type product, the Gas Extinguishing System is designed to efficiently manage and control the extinguishing process in the event of a fire outbreak. Its sophisticated technology ensures that the extinguishing agent, which in this case is gas, is deployed effectively to suppress the fire and prevent further escalation.

The Extinguishing Agent used in this system is specifically tailored for gas-based fire suppression, making it a highly effective solution for extinguishing fires in a variety of settings. With a weight of 5kg, the gas agent is optimally sized for swift deployment and maximum coverage, ensuring swift and thorough suppression of fire hazards.

Providing system status and control is another key feature of the Gas Extinguishing System. The control panel offers comprehensive monitoring capabilities, displaying the current status of the fire suppression system in real-time. This feature allows users to stay informed about the system's readiness and functionality, as well as any fault conditions or trouble alerts that may require attention.

In conclusion, the Gas Extinguishing System is a state-of-the-art product that combines advanced technology, reliable performance, and user-friendly control features to deliver effective fire protection for your property. With its focus on monitoring fire detection devices, gas-based fire suppression capabilities, and system status and control functionalities, this system offers a comprehensive solution for safeguarding your assets and ensuring peace of mind in the face of potential fire hazards.

Features:

Product Name: Gas Extinguishing System

Weight: 5kg

Monitoring fire detection devices: The control panel receives and processes signals from smoke detectors, heat detectors, or other fire alarm sensors installed in the protected area.

Type: Fire Suppression Control

Mains Supply: 90 To 270VAC, 50Hz/60Hz

Activating gas extinguishing systems: Upon detecting a fire, the control panel triggers the release of a gaseous extinguishing agent, such as carbon dioxide (CO₂), clean agents, or inert gases.

Technical Parameters:

Extinguishing Agent	Gas
Weight	5kg
Connection Diagram	Product RangeConventional Fire Alarm SystemAddressable fire alarm systemGas Extinguishing control systemBeam Detector4 wire smoke detectors with relay output.2 wire Conventional smoke and heat detectorsExplosion-proof flame detector for fire alarm systemStandalone smoke detectors and combustible gas detector
Activating gas extinguishing systems	Upon detecting a fire, the control panel triggers the release of a gaseous extinguishing agent, such as carbon dioxide (CO ₂), clean agents, or inert gases.
Function	Fire Alarm, Gas Extinguisher
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.
Type	Fire Suppression Control
Product Name	Flexible Gas Extinguishing System for Comprehensive Fire Safety Solutions FM200 Gas Fire Suppression System 4 Zone Gas Fire Suppression System
Mains Supply	90 To 270VAC, 50Hz/60Hz

Monitoring fire detection devices	The control panel receives and processes signals from smoke detectors, heat detectors, or other fire alarm sensors installed in the protected area.
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Applications:

Product Name: Flexible Gas Extinguishing System for Comprehensive Fire Safety Solutions FM200 Gas Fire Suppression System 4 Zone Gas Fire Suppression System
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Model Number: XHAGC1004
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Supply Ability: 500pcs/month
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Mains Supply: 90 To 270VAC, 50Hz/60Hz
Introduction: Gas extinguishant control systems are comprehensive fire protection solutions that utilize gaseous agents to suppress and extinguish fires.
Connection Diagram: Product RangeConventional Fire Alarm SystemAddressable fire alarm systemGas Extinguishing control systemBeam Detector4 wire smoke detectors with relay output.2 wire Conventional smoke and heat detectorsExplosion-proof flame detector for fire alarm systemStandalone smoke detectors and combustible gas detector
Automatic gas fire suppression systems, also known as gas-based fire fighting systems, are essential for various application occasions and scenarios where fire safety is a top priority. The Gas Extinguishing System offered by XHA is a reliable solution designed to effectively suppress and extinguish fires using gaseous agents such as FM200.
One of the main application scenarios for the Gas Extinguishing System is in commercial and industrial settings where sensitive equipment, valuable assets, and critical operations need to be protected from the devastating effects of fire. With its advanced technology and quick response time, this system is ideal for data centers, server rooms, control rooms, and other high-risk environments.
Moreover, the Gas Extinguishing System is well-suited for use in facilities such as museums, archives, and libraries where traditional water-based fire suppression systems are not suitable due to the risk of water damage to irreplaceable artifacts and documents. The clean agent FM200 gas ensures rapid fire suppression without leaving residue or causing harm to delicate materials.
Furthermore, the flexibility and scalability of the XHA Gas Extinguishing System make it a perfect choice for multi-zone applications in large buildings, shopping malls, and industrial complexes. The 4 Zone Gas Fire Suppression System variant offers customizable solutions to meet specific fire protection needs in different areas of a facility.
In summary, the Gas Extinguishing System by XHA is a versatile and effective solution for a wide range of application occasions requiring reliable fire suppression. With its CE certification, origin from China, and easy availability with a minimum order quantity of 1PCS, this system offers peace of mind along with quick delivery times and convenient payment terms.

Support and Services:

The Gas Extinguishing System product comes with comprehensive Product Technical Support and Services to ensure its optimal functionality and performance. Our technical support team is available to assist with installation, troubleshooting, maintenance, and any other product-related inquiries. Additionally, we offer training sessions to educate users on the proper use and maintenance of the system. Our goal is to provide the highest level of support to our customers to guarantee the safety and effectiveness of the Gas Extinguishing System.

Packing and Shipping:

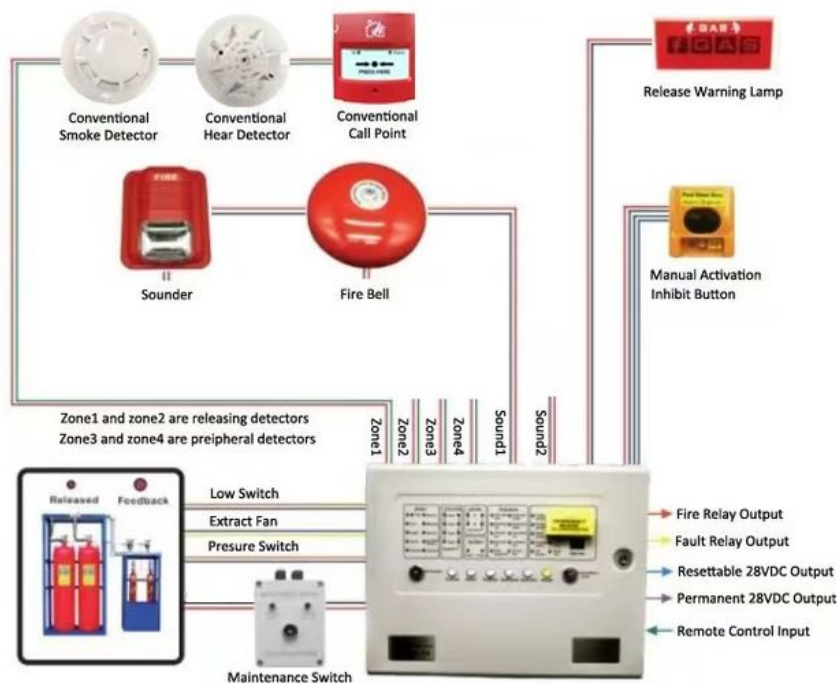
Product Packaging:
The Gas Extinguishing System is carefully packed in a sturdy cardboard box to ensure safe transportation. The components are securely placed inside the box with adequate cushioning to prevent any damage during shipping.
Shipping Information:
Once your order is processed, the Gas Extinguishing System will be shipped using a reputable carrier service. You will receive a tracking number to monitor the delivery status. Please ensure someone is available to receive and sign for the package upon delivery.

FAQ:



Table 1 - Electrical specifications

ITEM	ELECTRICAL RATING	COMMENT
Size	383mm W x 295mm H x 87 mm D metal enclosure	
Weight	5kg	
Mains supply	90 to 270VAC, 50Hz/60Hz	
Mains supply fuse	3 Amp (F3A L250V)	Replace only with similar type
Power supply rating	3 Amps total including battery charge 28V +/- 2V	
Maximum ripple voltage	≤200 millivolts	
Battery type	Two 12 Volt sealed lead acid in series.	7Ah maximum
Battery charge voltage	27.6VDC nominal	
Battery charge current	0.7A maximum	
Current draw in mains fail condition	0.095 Amps	With buzzer sounding
Current draw in second stage alarm	0.235Amps	Two zones in fire(470 ohm in circuit)
Current draw in post discharge condition	0.310Amps	solenoid outputs active
Maximum current draw from batteries	3Amps	With main power disconnected
NAC outputs(sounder & bell circuit)	26 to 28V DC Fused at 500mA with electronic fuse	1.2Amp total load over all circuits
Fault relay contact rating	2A/30VDC maximum for each	Volt free changeover contact
Fire relay contact rating	2A/30VDC maximum for each	Volt free changeover contact
First stage contact rating	2A/30VDC maximum for each	Volt free changeover contact
Second stage contact rating	2A/30VDC maximum for each	Volt free changeover contact
Extract contact rating	2A/30VDC maximum for each	Volt free changeover contact
Zone quiescent current	4mA maximum	
Terminal capacity	0.5mm ² to 2.5mm ² solid or stranded wire	
Number of detectors per zone	≤30 PCS conventional detectors	
Number of sounders per circuit	Dependent on type and current consumption	
Detection circuit end of line	4K7±5% 1/2 Watt resistor	3K-5.6K 1/2W
Monitored input end of line	4K7±5% 1/2 Watt resistor	3K-5.6K 1/2W
Sounder circuit end of line	10K±5% 1/2 Watt resistor	6.8K-20K 1/2W
Extinguishant output end of line	10K±5% 1/2 Watt resistor	6.8K-20K 1/2W
No. of detection circuits	Four 21 to 28V DC	
No. of sounder circuits	Four 21 to 28V DC	
Extinguishant release output	21V to 28V DC. Maximum load 2 Amp	
Extinguishant release delay time	Adjustable 0 to 75 seconds	5 second steps
SIL, AL, FLT, RST inputs	Switched – min resistance 0 ohms, max 1k ohms	
Detector alarm threshold	270 ohms to 1K ohms	
Call point alarm threshold	150 ohms to 1K ohms	
Short circuit threshold	0 ohms to 130 ohms	
Status unit/Ancillary board connection	Two wire RS485 connection with electronic fuse.	Max. of 32 units-RS485 data cable



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