FIRE PROTECTION

SYSTEM

Master ControlFireAlarm,annunciators,detectors,modules,andnotification devices forsemi-addressablefireprotectionsystems.

PRODUCT CATALOG



HEXA POWER FIRE ALARM SYSTEM
Your Safety Solution Partner

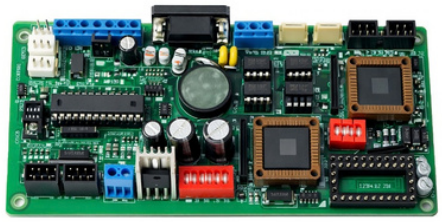
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MASTER CONTROL FIRE ALARM

Model: **DDS-ADD-P1**

PRODUCT IMAGE





DESCRIPTION

The Master Control Fire Alarm (MCFA) is the central hub of the fire protection system. It receives, processes, and acts on every signal from the detection devices in the building. The system is built around a microprocessor-based Central Control Module (CCM) that governs all system operations in real time.

The CCM is the main processing unit, executing system instructions through firmware and internal memory. It manages communication with the addressable modules, monitors system conditions, and activates notification and control equipment according to the programmed logic.

The MCFA provides an intuitive operator interface: an LCD display, system-status LEDs, a warning buzzer, control buttons, and a navigation keypad. Power, alarm, trouble, and supervisory conditions are displayed clearly for quick monitoring and decision-making. Through the addressable communication loop, the system connects to control modules, each with a unique address; smoke detectors, heat detectors, and manual call points are wired to the module inputs, enabling zone-level location of an event and a faster response.

CONTROL SYSTEM

Model	DDS-ADD-P1
System Type	Semi-Addressable Fire Alarm Control Panel
Main Power Supply	220 VAC, 50 Hz
System Voltage	24 VDC
Backup Battery	2 × 12 V 14 Ah (24 V)
Dimensions (H × W × D)	500 × 400 × 200 mm

DEVICE COMMUNICATION

Module Capacity	315 addressable modules per loop
Device Types	Addressable control modules; conventional photoelectric smoke detectors, heat detectors and manual call points via module inputs
Loop Voltage	24 VDC
Wiring Configuration	Class B (NFPA Style 4)

KEY FEATURES

- Microcontroller-based system controller
- Integrated monitoring and control

MASTER CONTROL FIRE ALARM

Model: **DDS-ADD-P2A**

PRODUCT IMAGE



DESCRIPTION

The DDS-ADD-P2A combines the Master Control Fire Alarm with a built-in Graphic Monitoring display in one enclosure. The upper section houses an industrial touch monitor running DDS Graphic Monitoring; the lower section keeps the standard LCD operator interface with status LEDs and control keypad, so the panel can always be operated locally even without the network.

Zone status, alarm log, and summary counters are shown in real time on the built-in screen, while the same data is available remotely over the network. Operators can acknowledge, silence, drill, and reset from the screen, the keypad, or the remote application.

Network connectivity enables internet-based monitoring and multi- platform notification: alarm, trouble, and clear events are pushed to Telegram, WhatsApp, and the Fireco mobile app, so responsible personnel are informed wherever they are.

CONTROL SYSTEM

Model	DDS-ADD-P2A
System Type	Semi-Addressable Fire Alarm Control Panel
Main Power Supply	220 VAC, 50 Hz
System Voltage	24 VDC
Backup Battery	2 × 12 V 14 Ah (24 V)
Module Capacity	315 addressable modules per loop
Wiring Configuration	Class B (NFPA Style 4)

BUILT-IN GRAPHIC MONITORING

Display	Integrated colour monitor, real-time zone grid & alarm log
Local Interface	LCD 160 characters, 7 status LEDs, control keypad
Network	Ethernet / internet connection
Remote Monitoring	Real-time monitoring and control via network
Notification Platforms	Telegram, WhatsApp*, Fireco App
Operator Control	ACK, Silence, Drill, Reset — on screen, keypad, or remote

KEY FEATURES

- Graphic Monitoring built in — no separate PC required
- Internet & network monitoring
- Real-time monitoring and control
- Multi-platform notification: Telegram, WhatsApp, Fireco App
- Standard LCD keypad retained for local operation
- Single enclosure, simplified installation

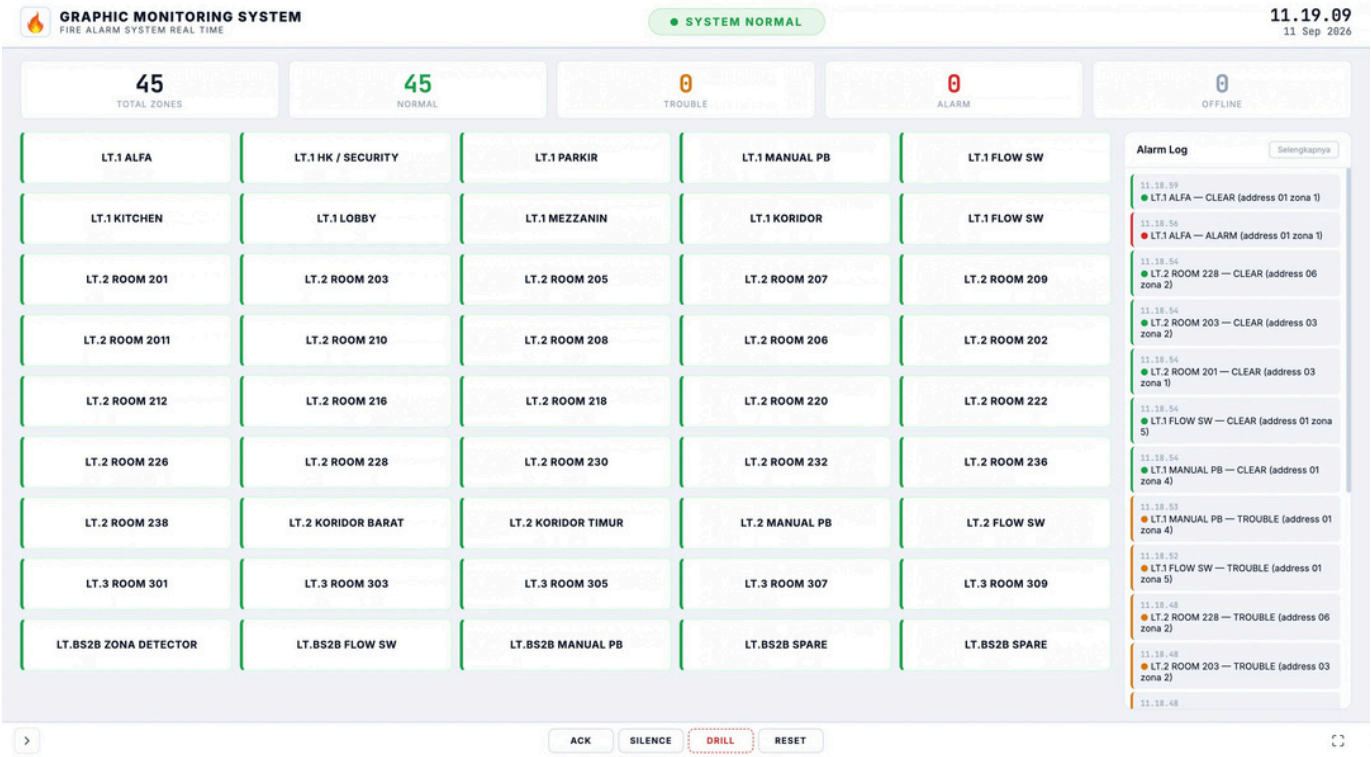
PRODUCT ADVANTAGES

- Faster response: events visible on the panel and on mobile devices simultaneously
- Lower cost than a separate PC monitoring station
- Works locally even when the network is down
- Same wiring and modules as the standard DDS MCFA

BUILT-IN GRAPHIC MONITORING

Model: **DDS-ADD-P2A**

DASHBOARD DISPLAY



HOW TO READ THE DASHBOARD

- Header — system status badge (System Normal / Trouble / Alarm), MCFA connection indicator, real-time clock and date.
- Summary counters — Total Zones, Normal, Trouble, Alarm, and Offline, updated live from the panel.
- Zone grid — one card per zone, grouped by floor; the left bar changes colour with the state: green normal, amber trouble, red alarm, grey offline.
- Alarm Log — time-stamped events in reverse order (alarm, trouble, clear, offline) with zone name, module address, and zone number.
- Control bar — ACK, Silence, Drill, and Reset operate the MCFA directly from the touch screen; every command is recorded in the log.

* The dashboard mirrors the MCFA in real time over the internal link; the same view is available remotely over the network and pushed to Telegram, WhatsApp*, and the Fireco app.

* WhatsApp notification requires an annual fee to Meta.

Notes

- Product specifications are subject to change without prior notice.
- Actual performance depends on correct application, installation, and use by qualified professionals.

MASTER CONTROL FIRE ALARM

Model: **DDS-ADD-P1**

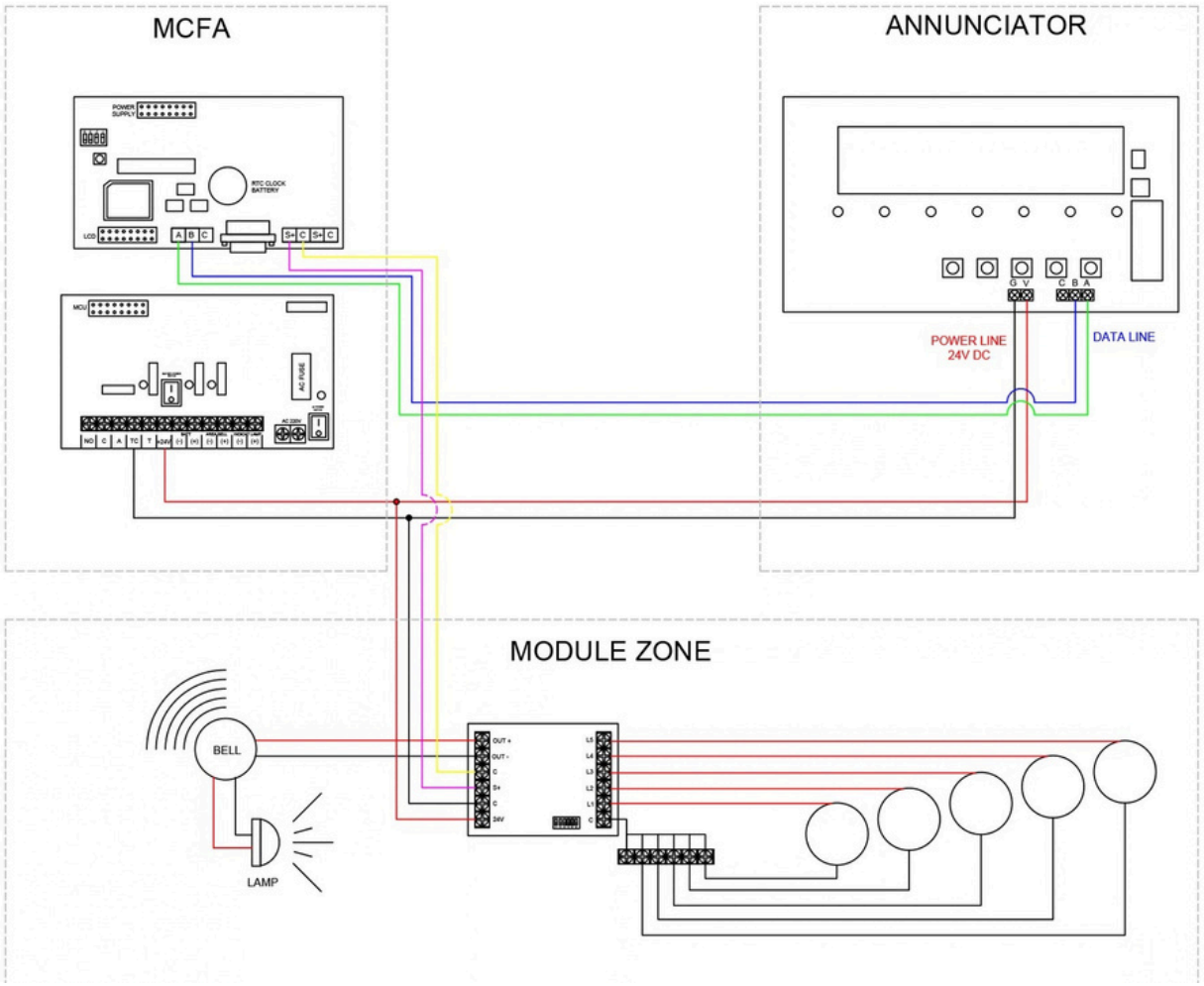
OPERATOR INTERFACE

Display	LCD, 160 characters (4 lines × 40)
Status Indicators	7 system LEDs: AC Power, DC Power, Pre-Alarm/Alarm, Trouble, Supervisory, Silenced, Disabled
Local Warning	Internal buzzer
Operator Controls	System control buttons; numeric and navigation keypad
Wiring Configuration	Class B (NFPA Style 4)

COMMUNICATION & INTEGRATION

Serial Port	RS-232
System Integration	Building Management System; optional printer; external monitoring system
Remote Annunciator	RS-485, 4-wire (24 VDC pair + A/B data pair), Class B
Power & Supervision	Power supply module interface; system voltage monitoring; AC supply and backup battery supervision

SCHEMATIC DRAWING



Notes

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ANNUNCIATOR FIRE ALARM

Model: **DDS-ANN-ADD**

PRODUCT IMAGE



DESCRIPTION

The LCD Remote Annunciator is a remote interface that displays the status of the Master Control Fire Alarm (MCFA) in real time from another location in the building. Operators can monitor the system without being at the main control panel, improving supervision and emergency response.

The 160-character LCD shows system events — alarm, trouble, supervisory, and other operating states — and works together with the status LEDs to present clear, easily understood information.

The operator interface consists of the LCD, status LEDs, a local warning buzzer, and five control buttons. The internal buzzer sounds on any change of system status; the buttons perform acknowledge, silence, drill, and reset functions.

The annunciator communicates with the MCFA over an RS-485 line for stable, reliable data transmission, using a 4-wire connection (24 VDC power pair and A/B data pair) with a maximum communication distance of 1.2 km.

PRODUCT SPECIFICATIONS

Model	DDS-ANN-ADD
Device Type	LCD Remote Annunciator
System Type	Semi-Addressable Fire Alarm System
Display	LCD, 160 characters (4 lines × 40)
Status Indicators	7 system status LEDs
Indicator Functions	AC Power, DC Power, Pre-Alarm/Alarm, Trouble, Supervisory, Silenced, Disabled
Local Warning	Internal buzzer
Operator Controls	5 system control buttons
Communication Media	RS-485 communication bus
Max. Communication Distance	1.2 km
Wiring Configuration	4-wire: 24 VDC power pair + RS-485 A/B data pair (Class B)
Operating Voltage	24 VDC
Power Source	Supplied from the MCFA
Dimensions (H × W × D)	300 × 200 × 100 mm
Operational Function	System status monitoring and remote operational control

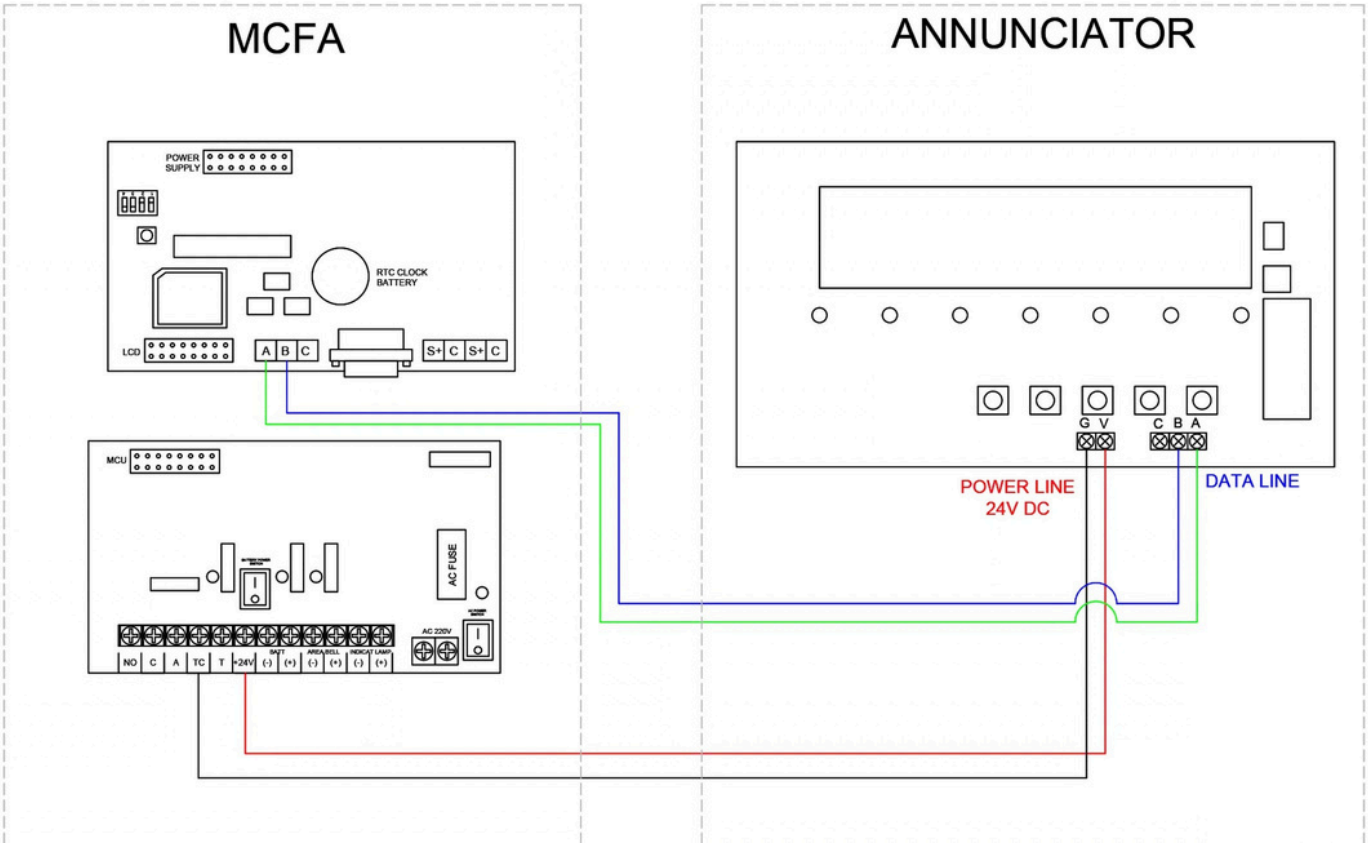
KEY FEATURES

- Real-time remote system monitoring
- Clear, informative display
- Integrated operator interface
- Stable RS-485 communication
- Direct integration with the MCFA
- Flexible installation
- Reliable operation with centralised power

ANNUNCIATOR FIRE ALARM

Model: **DDS-ANN-ADD**

SCHEMATIC DRAWING



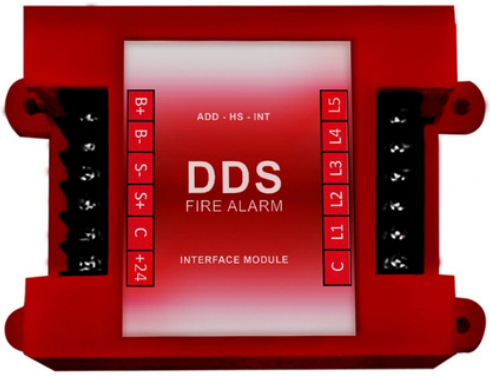
Notes

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- For further information or requirements not covered in this document, please contact DDS.

CONTROL MODULE

Model: **DDS-IM**

PRODUCT IMAGE



DESCRIPTION

This addressable module lets the Master Control Fire Alarm (MCFA) communicate with contact-based conventional devices such as smoke detectors, heat detectors, manual call points, and switches. It provides five supervised input zones (IDC) and one output relay for notification devices. The module detects changes in signal status — normal, alarm, supervisory, or trouble — and reports them to the system for real-time monitoring.

A microprocessor with internal memory controls all module operations. The internal electronics include the power supply, data transmission circuit, address control, and IDC (Initiating Device Circuit) monitoring circuit, ensuring reliable communication and supervision of field devices.

The module connects to the SLC (Signaling Line Circuit) of the Central Control Module (CCM). It supports Class B (NFPA Style 4) wiring on the SLC and an IDC configuration with End-of-Line (EOL) resistor supervision to NFPA Style B. The device address is set easily via a DIP switch on the module.

Its main function is to supervise the voltage on the IDC line. On an open circuit the module reports a trouble signal to the panel; on a short circuit it enters the active state and holds it at the panel until the system is reset. The module can also be programmed to detect specific alarm, supervisory, or trouble conditions as required.

PRODUCT SPECIFICATIONS

Model	DDS-IM
Device Type	Addressable Interface Module
Inputs	5 supervised IDC zones
Output	1 relay for notification devices
Max. Output Contact Rating	1 A
SLC Input Voltage	± 24 VDC
Panel Connection	Signaling Line Circuit (SLC)
Operating Humidity	0 – 93 % RH (non-condensing)
SLC Wiring Mode	Class B (NFPA Style 4)
IDC Wiring Mode	NFPA Style B
IDC End-of-Line Resistor	10 kΩ, ¼ W
IDC Device Capacity	Dry-contact devices / conventional detectors
Addressing Method	DIP switch
Status Indicator	Operational LED
Monitoring Functions	Normal, Alarm, Supervisory, Trouble

KEY FEATURES

- 5 inputs, 1 output in a single module
- Flexible field-device integration
- Automatic circuit supervision
- Visual status indicator
- Quick and easy configuration
- Stable digital communication

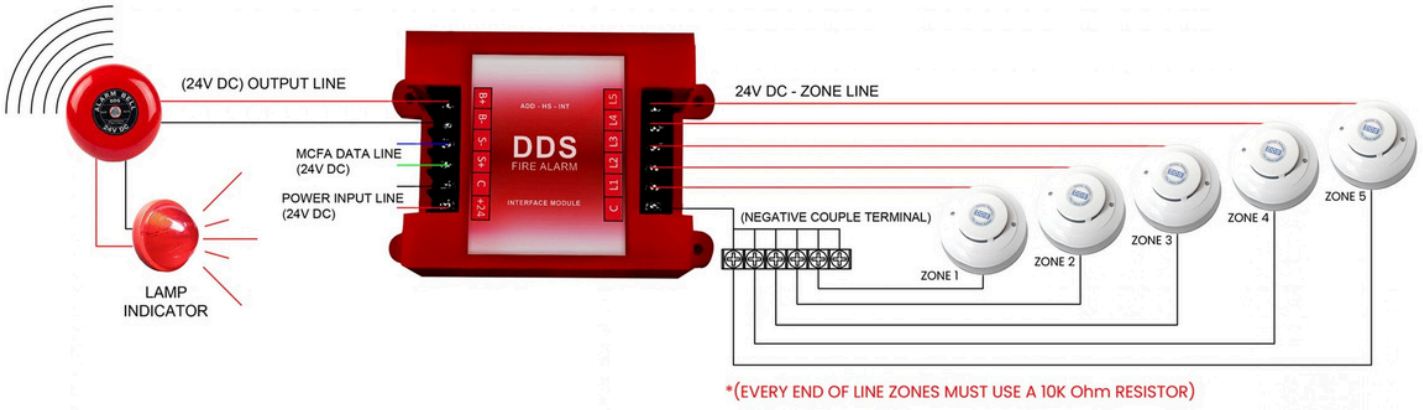
PRODUCT ADVANTAGES

- Improves fire protection system reliability
- Simplifies maintenance and troubleshooting
- More flexible and efficient installation
- Broad integration with field devices
- More accurate and stable system monitoring

CONTROL MODULE

Model: **DDS-IM**

SCHEMATIC DRAWING



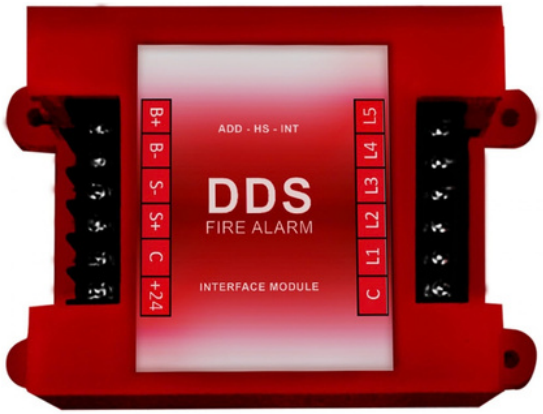
SUPPORTED DEVICES

- Flow switch
- Tamper switch
- Butterfly valve (BCV)
- Push button
- Contact device (short circuit)

* Please confirm with the responsible technician that the input device is supported.

* Always measure the Control Module terminals to make sure the device operates correctly as described in the guide.

* Avoid wiring errors to prevent damage to the device.



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SMOKE DETECTOR

Model: **DDS-WT30L**

PRODUCT IMAGE

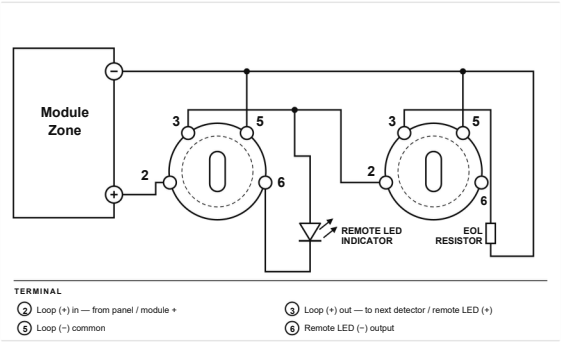


DESCRIPTION

Photoelectric Smoke Detector DDS-WT30L

This conventional photoelectric smoke detector uses a pair of infrared diodes inside a light-shielded chamber. Smoke particles entering the chamber scatter the infrared light onto the receiving diode; when the received signal reaches the preset density threshold the detector activates its alarm output and red LED.

The emitting circuit uses a pulsed signal to reduce interference and power consumption. The detector is available in 2-wire (loop-powered, with remote LED output) and 4-wire (separate power, relay output NO/NC) versions, and can be self-tested with a magnet at the side marked "DO NOT PAINT".



PRODUCT SPECIFICATIONS

Model	DDS-WT30L
Product Category	2-wire / 4-wire
Operating Voltage	DC 9 – 35 V
Standby Current (2-wire)	≤ 50 µA
Standby Current (4-wire)	≤ 50 µA (relay NO) / ≤ 16 mA (relay NC)
Alarm Current (2-wire)	20 – 25 mA @ 12 V / 40 – 50 mA @ 24 V
Alarm Current (4-wire)	≤ 40 mA (relay NO) / ≤ 20 mA (relay NC)
Alarm Indication	Red LED on
Alarm Output	Remote LED (2-wire) / Relay output (4-wire)
Contact Rating (4-wire)	0.5 A @ DC 28 V
Sensitivity	0.08 – 0.16 dB/m
Temperature Range	0 °C to 50 °C
Environment Humidity	≤ 95 % RH (no condensation)
Standard	EN54-7, UL268

KEY FEATURES

- Strong adaptability to the environment
- SMT design, high stability
- 9 – 35 VDC wide voltage range
- Magnetic-switch self-test function (optional)
- Anti-remove function
- Alarm relay NO or NC (4-wire)
- Remote LED indicator output (2-wire)
- Manual or automatic reset

APPLICATIONS

- Office buildings
- Hotels
- Commercial areas
- Apartments & residences
- Hospitals

PRODUCT ADVANTAGES

- Early detection and fast response

HEAT DETECTOR

Model: **DDS-WS19L**

PRODUCT IMAGE



DESCRIPTION

Rate-of-Rise Heat Detector DDS-WS19L

This rate-of-rise heat detector is designed to detect a rapid rise in ambient temperature quickly and accurately as an early indication of fire. The device continuously monitors changes in ambient temperature; when the temperature rises significantly in a short time, the internal sensing element responds and activates the alarm signal as an early warning.

The detector features an internal pressure-compensation system that keeps the sensor stable against normal ambient temperature changes, helping to reduce false alarms. Its temperature-change detection mechanism makes it highly reliable for dusty or steamy areas, or areas unsuitable for smoke detectors.

This supports more efficient system monitoring, faster response, and more accurate management of the fire protection system.

PRODUCT SPECIFICATIONS

Model	DDS-WS19L
Detection Type	Rate-of-rise heat detection
Wiring Type	2-wire
Operating Voltage	24 VDC
Alarm Current	25 mA @ 24 VDC
Ambient Temperature	0 °C to +55 °C
Material	Fire-proof plastic
Dimensions	Ø 111 mm × 45 mm (H)
Weight	About 130 g
Colour	White
Certification	CE

KEY FEATURES

- Fast detection of temperature rise
- High-precision rate-of-rise technology
- Internal pressure-compensation system
- Real-time monitoring by the control panel
- Visual status indicator
- Withstands harsh environmental conditions
- Practical installation design
- Heat-resistant, reliable construction

APPLICATIONS

- Office buildings
- Hotels
- Commercial areas
- Apartments & residences
- Hospitals

PRODUCT ADVANTAGES

- Fire detection in difficult environments
- Fast response to significant temperature rise
- High detection accuracy with stable operation
- Reduced potential for false alarms
- Easy integration with fire alarm systems

FIRE ALARM PUSH BUTTON

Model: **DDS-FP1**

PRODUCT IMAGE



DESCRIPTION

Manual Call Point DDS-FP1

The Manual Call Point (MCP) is an essential fire alarm device used to send a fire warning signal manually.

It allows a user to raise the alarm quickly on seeing signs of fire, simply by pressing the button behind the transparent cover. Once pressed, the MCP immediately sends a signal through the Control Module to the Master Control Fire Alarm (MCFA) to trigger the alarm system.

The MCP has a confirmation indicator lamp that lights to show the signal has been sent and received by the panel. A telephone jack is also provided for direct coordination with personnel at the control panel.

Built from ABS with a strong, reusable transparent cover and a reset button, the Manual Call Point offers high reliability in emergencies without requiring the unit to be dismantled after use.

PRODUCT SPECIFICATIONS

Model	DDS-FP1
Alarm Current	30 mA @ 24 VDC
Contact Rating	500 mA @ 30 VDC
Contact Resistance	0.2 Ω
Sub-functions	Phone jack, confirmation lamp, reset button
Operating Temperature	-10 °C to +50 °C
Operating Humidity	≤ 90 % RH (non-condensing)
Material	ABS
Dimensions	Ø 139.6 mm × 53.2 mm (H)
Colour	Red

KEY FEATURES

- Manual emergency activation
- Activation confirmation LED
- Telephone jack for communication
- Reusable transparent cover
- ABS housing
- Resettable after activation

APPLICATIONS

- Office buildings
- Hotels
- Commercial areas
- Schools & educational institutions
- Apartments & residences
- Hospitals
- Shopping centres

PRODUCT ADVANTAGES

- Fast activation with a single press
- Button resets without dismantling the unit
- Indicator lamp confirms signal sent
- Strong, reusable transparent cover
- Practical, easy-to-use design
- External wiring terminals for easy installation

ALARM BELL

FIRE ALARM BELL INDICATOR

Model: **DDS-FB6**

PRODUCT IMAGE



DESCRIPTION

Alarm Bell 24 V DC DDS-FB6

The Fire Alarm Bell is an audible warning device that forms part of the fire protection system. It gives a loud, clear warning when the fire alarm system detects a potential fire.

The bell is driven by the Control Module output under command of the Master Control Fire Alarm (MCFA), giving a fast response in an emergency. When an alarm is detected, the bell sounds automatically to warn occupants to evacuate or take initial action. With an internal motor drive, the bell produces a stable, consistent sound while keeping power consumption efficient. Its robust mechanical construction ensures long service without loss of performance.

The device suits many types of building as an early-warning system that improves occupant safety and minimises losses caused by delayed information.

PRODUCT SPECIFICATIONS

Model	DDS-FB6
Operating Voltage	24 VDC (220 VAC version available)
Working Current	≤ 50 mA
Sound Output	≥ 95 dB (6") / ≥ 97 dB (8")
Drive System	Motor
Base Material	Aluminium
Base Size	6" / 8"
Diameter	Ø 150 mm / Ø 200 mm
Housing	Weatherproof
Colour	Red

KEY FEATURES

- Motor drive for a consistent sound
- Energy-efficient design
- Weatherproof housing
- High sound output (≥ 95 dB)
- Suitable for long-term use
- Easy installation on any fire alarm system

APPLICATIONS

- Office buildings
- Hotels
- Commercial areas
- Schools & educational institutions
- Apartments & residences
- Hospitals
- Shopping centres

PRODUCT ADVANTAGES

- Low power consumption, no extra load on the panel
- Loud sound audible across large areas
- Robust, durable construction
- Motor system gives a stable tone
- Fast response on alarm
- Easy integration with fire alarm systems

INDICATING LAMP

Model: **DDS-FL3**

PRODUCT IMAGE



DESCRIPTION

LED Indicator Lamp DDS-FL3

The LED Indicator Lamp is a visual indicator that shows the activation status of fire detection devices from an easily visible location. It lights or flashes when a connected detector or fire alarm device is in alarm, making it easy to identify the point of an event without looking at the main device directly.

The lamp is driven by the Control Module output and activates together with the bell when a fire is detected in its zone. It acts as a zone indicator, typically mounted in corridors or near the indoor hydrant box, for detectors installed in enclosed areas, technical rooms, or locations that are hard to see.

Using high-intensity LED technology, the indicator lamp gives clear visibility, fast response, and low power consumption. Its compact design and heat-resistant housing ensure stable performance and operational reliability in modern building environments.

The LED Indicator Lamp supports semi-addressable fire protection systems by providing immediate, accurate, and easily recognised alarm-status information, improving monitoring effectiveness and response speed.

PRODUCT SPECIFICATIONS

Model	DDS-FL3
Operating Voltage	24 – 30 VDC
Consumption Current	60 mA (24 VDC) / LED 20 mA
Environmental Rating	Indoor use
Weight	About 70 g
Colour	Red
Indicator Type	LED

KEY FEATURES

- Remote visual alarm indication
- High-intensity LED
- Fast, stable response
- Easy integration with fire alarm systems
- Simple, practical installation

APPLICATIONS

- High-ceiling areas
- Building corridors
- Commercial-building fire protection systems
- Enclosed or concealed rooms
- Office areas
- Detectors installed out of direct sight

PRODUCT ADVANTAGES

- Easy identification of alarm location in concealed areas
- More efficient fire protection monitoring
- High visibility for faster emergency response
- Stable operation in varied building environments
- Effective solution for modern fire alarm systems

REMOTE LAMP

Model: **DDS-RL1**

PRODUCT IMAGE



DESCRIPTION

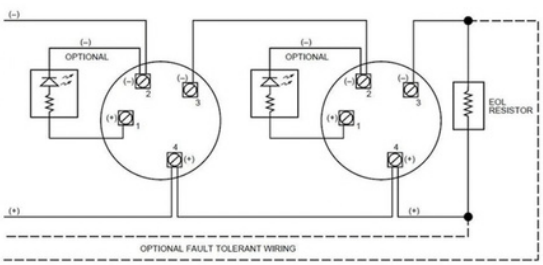
Remote Lamp DDS-RL1

The Remote Lamp is a per-detector visual indicator wired in parallel with a single smoke or heat detector, showing the alarm status of that detector outside the room or below the ceiling where it is installed. Unlike the Indicating Lamp, which is driven by the Control Module and shows the status of a whole zone, the Remote Lamp indicates one specific detector.

It ensures the alarm signal remains clearly visible even when the detector or main system is inside an enclosed room, above a ceiling, or in an area that is not easily seen.

When the detector activates, the Remote Lamp lights to indicate that the system is in alarm. With low power consumption, it operates efficiently without loading the fire alarm system.

The Remote Lamp greatly improves alarm-status visibility, especially in corridors, control rooms, or exterior areas that need additional indication.



PRODUCT SPECIFICATIONS

Model	DDS-RL1
Operating Voltage	24 VDC
Alarm Current	≈ 12 mA
Indicator	Red LED
Wiring System	2-wire, parallel to the detector

KEY FEATURES

- Red LED alarm indicator
- 2-wire system
- Energy efficient
- Lights together with its detector
- Suitable for enclosed or concealed areas

APPLICATIONS

- Office buildings
- Hotels
- Commercial areas
- Schools & educational institutions
- Apartments & residences
- Hospitals
- Server rooms

PRODUCT ADVANTAGES

- Provides an additional visual indicator
- Keeps the alarm visible from a distance
- Low power consumption
- Improves safety and response time
- Simple design, easy to install
- Supports 2-wire systems

MASTER JACK PHONE

Model: **DDS-BPJ1**

PRODUCT IMAGE



DESCRIPTION

Master Jack Phone Box DDS-BPJ1

The DDS-BPJ1 Phone Jack Box is a professional protective housing designed to keep emergency communication connectivity secure, stable, and accessible within the building safety system. Installed beside the Master Control Fire Alarm (MCFA), it is the master station for the fire-fighter telephone line: field personnel plugging a handset into any DDS-PJ1 phone jack are connected here, allowing fast, reliable two-way coordination in an emergency.

The unit has a visual LED indicator and an audible buzzer that clearly inform personnel of connection status and system activation. The sturdy enclosure gives optimal protection against dust, impact, and operating-environment effects, ensuring device reliability over long-term use.

With its compact design and practical installation, the DDS-BPJ1 is an ideal solution for improving emergency-communication readiness in all types of modern building.

PRODUCT SPECIFICATIONS

Model	DDS-BPJ1
Working Voltage	24 VDC
Wiring System	2-wire connection
Visual Indicator	Status LED
Audible Indicator	Notification buzzer
Device Type	Phone jack protective box
Main Function	Protective housing & communication connection point
Communication System	Emergency intercom

KEY FEATURES

- Integrated phone jack for emergency communication
- LED indicator for system status
- Notification buzzer for audible warning
- Quick connection for fire-fighter handsets
- Impact- and environment-resistant housing
- Easy installation, fast access in emergencies

APPLICATIONS

- Office buildings
- Hotels
- Commercial areas
- Apartments & residences
- Hospitals
- Schools & educational institutions

PRODUCT ADVANTAGES

- Improves field emergency-communication reliability
- Simultaneous visual and audible notification
- Speeds up fire-brigade response
- Designed for building-safety system integration
- Installed beside the MCFA for central coordination

FIREMAN'S PHONE JACK

Model: **DDS-PJ1**

PRODUCT IMAGE

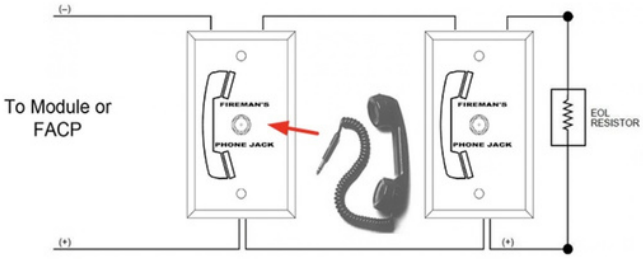


DESCRIPTION

Phone Jack DDS-PJ1

The DDS-PJ1 Phone Jack Intercom is a professional emergency-communication interface designed to support operational coordination in building fire protection systems. Typically installed in the indoor hydrant box (IHB) on each floor, it provides a secure connection point for a fire-fighter handset, enabling clear, stable, real-time two-way communication with the Master Jack Phone station beside the MCFA during an emergency.

Built to a high reliability standard, the DDS-PJ1 uses quality industrial components to ensure optimal performance over long- term use. Its compact, sturdy design allows flexible installation in a wide range of building environments.



PRODUCT SPECIFICATIONS

Model	DDS-PJ1
Working Voltage	24 VDC
Wiring System	2-wire connection
Device Type	Phone jack intercom
Main Function	Emergency communication connection point
Communication System	Two-way
Operating Method	Manual connection interface
Installation	Indoor

KEY FEATURES

- Clear, stable two-way emergency communication
- Dedicated connection point for fire-fighter handsets
- Fast communication response in emergencies
- Compact design, flexible installation
- Sturdy construction for long-term use
- Compatible with building fire alarm systems
- Stable performance in varied environments

APPLICATIONS

- Office buildings
- Hotels
- Commercial areas
- Schools & educational institutions
- Apartments & residences
- Hospitals
- Server rooms

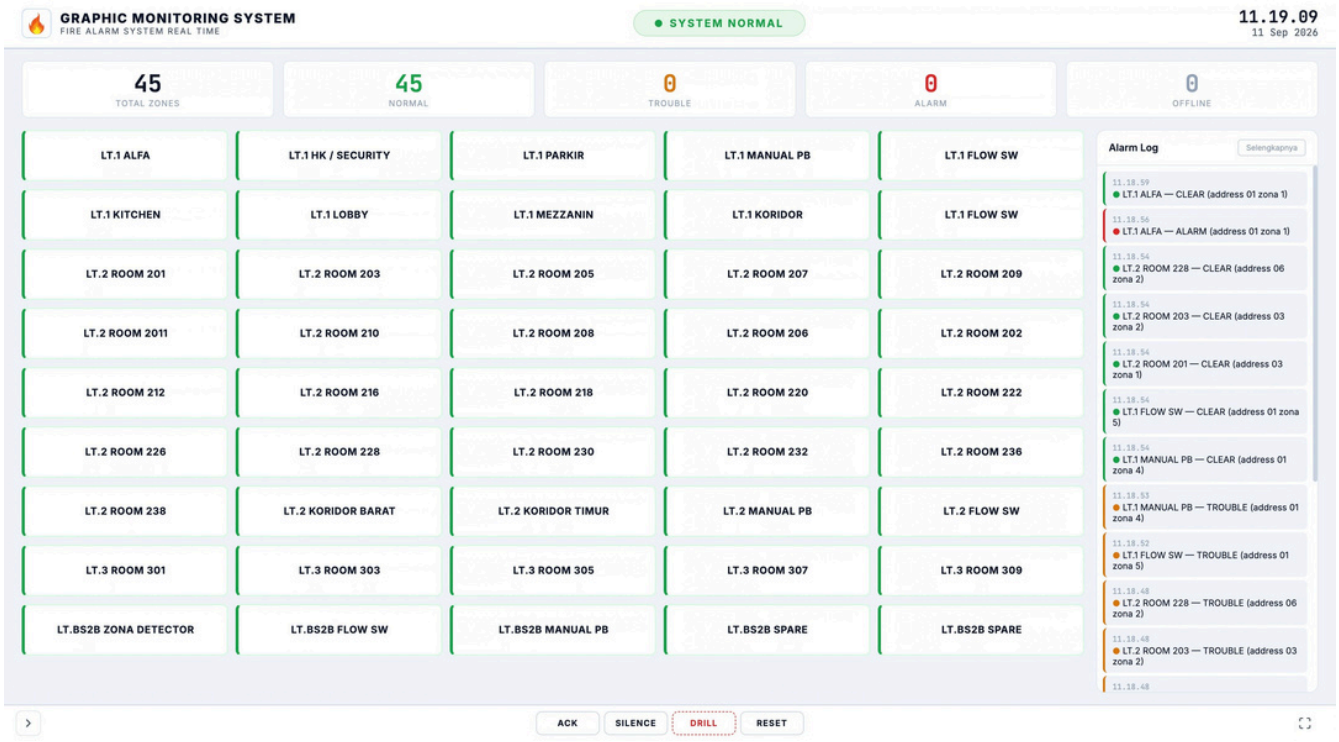
PRODUCT ADVANTAGES

- Clear two-way communication in emergencies
- Direct connection to the fire alarm system
- Low power consumption
- Improves safety and response time
- Simple design, easy to install
- Supports 2-wire systems

GRAPHIC MONITORING

Model: **DDS Graphic Monitoring**

PRODUCT IMAGE



DESCRIPTION

DDS Graphic Monitoring is a PC-based supervision application that mirrors the Master Control Fire Alarm (MCFA) on a monitor in the control room. The MCFA connects to the PC through its RS-232 port using an RS-232 to USB converter; every event is shown in real time on a zone grid grouped by floor, with summary counters for Normal, Trouble, Alarm, and Offline.

The operator can acknowledge, silence, drill, or reset the system directly from the PC. All events are logged with a time stamp and can be reviewed by date, zone, or event type and exported to Excel or PDF for reporting and audits.

SOFTWARE SPECIFICATIONS

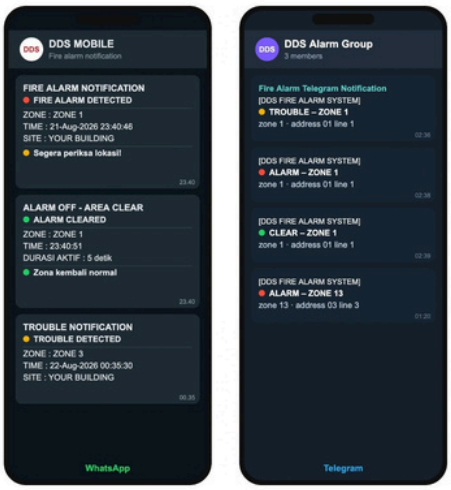
Panel Connection	MCFA RS-232 via RS-232 to USB converter
Panels per PC	1 MCFA
Capacity	63 modules · 315 addresses (5 zones per module)
Display	Real-time zone grid per floor with live status colour
Event Log	Time-stamped alarm, trouble, supervisory, and operator events
Alarm Notification	On-screen pop-up with floor plan + audible alert
Operator Control	ACK · Silence · Drill · Reset
Data Export	Excel / PDF
Remote Notification	Telegram (included) · WhatsApp (optional)
Operating System	Windows PC

GRAPHIC MONITORING

Model: **DDS Graphic Monitoring**

ALARM NOTIFICATION





NOTIFICATION FEATURES

- Alarm pop-up shows the zone name, address, and the floor plan of the affected area, with an audible alert until acknowledged.
- Alarm, trouble, and clear events are forwarded automatically to a Telegram group — included at no extra cost.
- WhatsApp notification via the official WhatsApp Business API is available as an option.
- Each message carries the zone, address, time stamp, site name, and — on clear — the active duration.
- Designated personnel are informed wherever they are, even outside the control room.

* Mobile notification requires an internet connection at the monitoring PC.

* WhatsApp notification is subject to an annual service fee payable to Meta (WhatsApp Business API). Telegram notification is free of charge.

Notes

- Product specifications are subject to change without prior notice.
- Actual performance depends on correct application, installation, and use by qualified professionals.