Benefits

- A clear display and excellent user friendliness make the operating concept stand out.
- Reduced configuration and equipment for each application limits the scale of investment volume to just the essential.
- High functionality linked with simple, standardised configuration saves installation and commissioning time.
- Modern diagnosis and maintenance equipment enables uncomplicated service.

Power supply

The power supply for the FMZ 5000 mod S fire detection control panel is provided by an integrated power pack. Supply voltage can be both 115 V and 230 V. 24 V 3 A is provided for the panels and to supply the detectors and triggers with power.

For special applications requiring increased emergency power, the panels can be optionally expanded with an added power pack, which is flange mounted in a separate case on the underside. This increases max. battery capacity to approx. 40 Ah.

Installation and commissioning

The FMZ 5000 mod S fire detection and extinguishing control panel is remarkable due to its ease of installation and commissioning:

- The modular construction permits a rapid and simple configuration of the panel hardware.
- Positioning all clamps at one point simplifies line connections.
- Finished templates for all standard applications, e.g. control panel for gas extinguishing systems or sprinkler valve stations, reduces effort in the project-related configuration to just a few settings. These are carried out on the PC using a configuration programme.

When entering logical links between inputs and outputs the user is assisted by an excellent graphical user interface. Errors are avoided, valuable time is saved.

Approvals

The FMZ 5000 mod S fire detection and extinguishing control panel is in the licensing process with a number of authorities, among these: VdS for the certification pursuant EN 54-2, EN 54-4, EN 12094-1, FM pursuant ANSI/NFPA72.

Detailed information can be found in the appropriate technical data sheets. Technical alterations reserved.
Uniquely flexible
The FMZ 5000 mod S fire detection and extinguishing control panel stands out in the sector of smaller fire detection and extinguishing control panels due to its uniquely high functionality and flexibility. The modular layout also makes it a very economically interesting solution for many application areas.

New configuration concept
The configuration is extremely quick and efficiently executed for any application by powerful pre-installed configuration templates. As needed and for very complex tasks, the functions and parameters of the FMZ 5000 mod S fire detection and extinguishing control panel can be written freely, with few restrictions.

The extensive basic set-up permits a function expansion via the optional addition of function modules. Operators hence receive a problem-free set-up adjusted to further project-specific requirements.

Communication module (interface for networking and printer, Ethernet connection for remote information and remote control)
Fire brigade interface (serial fire brigade control panel, transfer facilities/equipment for fire and fault, fire brigade key depot, fire brigade information panel)
Test equipment for spark detector during operation (four test outputs, programmable for timed or manual tests)

Clear display and intuitive operation
The operating concept of the FMZ 5000 mod S fire detection and extinguishing control panel stands out due to its clear display and excellent userfriendliness:

- Sensor keys, regardless of whether a fixed function or variable menu navigation, ensure easy operation – the fully graphic, large LC display scores points with its clear displays: 2 detections with up to 4 lines each, an editable detection test, can be displayed at the same time. In addition, the panel has an ample number of LEDs for mostly freely configurable, single and double coloured individual and collective displays.

Equipment
The basic construction of the panel includes the most important existing functions and satisfies all basic requirements:

- 5 detector groups in threshold value technology, each individual one of which can assume all functions
- Primary control groups for activating and monitoring signal horns and relays
- 2 collective relays for activations in the event of fire and the event of malfunction
- 4 freely configurable outputs for relay activations
- USB interface for programming
- Indicator and control panel with LC display, LEDs and touch keys

The semi-automatic functionality and flexibility of the FMZ 5000 mod S fire protection and extinguishing control panel makes it stand out in the sector of small fire detection and extinguishing control panels.
The FMZ 5000 mod S fire detection and extinguishing control panel marks a milestone in the sector of smaller fire detection and extinguishing control panels due to its uniquely high functionality and flexibility. The modular layout also makes it a very economically interesting solution for many application areas.

### Uniquely Flexible
The FMZ 5000 mod S fire detection and extinguishing control panel stands out in the sector of smaller fire detection and extinguishing control panels due to its uniquely high functionality and flexibility. The modular layout also makes it a very economically interesting solution for many application areas.

### Function and use
The FMZ 5000 mod S fire detection and extinguishing control panel is used in both the detection and the monitoring of water and gas extinguishing activation. Furthermore it can detect flames and trigger extinguishing, practically without delay, as would be necessary in spark extinguishing systems, for example. Detectors in the fault or monitoring categories are allocated based on norm specifications (e.g. EN, FM) and selected from the menu. The results in a versatile use in all areas of the fire detection as well as activating and monitoring extinguishing systems, for example:
- Fire detection panel
- Sprinkler monitoring panel and control panel for water mist extinguishing systems, pilot operated sprinkler systems and isolating stations
- Fire detection and extinguishing control panel for fire extinguishing systems with chemically effective gaseous extinguishing agents as well as inert gas extinguishing systems
- Panel for monitoring pneumatic conveyors, machine tools and painting spraying technology, each individual one of which can assume all functions
- Primary control groups for activating and monitoring signal horns and relays
- Collective relays for activations in the event of fire and the event of malfunction
- Freely configurable outputs for relay activations
- USB interface for programming
- Indicator and control panel with LC display, LEDs and touch keys

### New configuration concept
The configuration is extremely quickly and efficiently executed for every application by powerful pre-installed configuration templates. As needed and for very complex tasks, the functions and parameters of the FMZ 5000 mod S fire detection and extinguishing control panel can be written freely, with few restrictions.

### Equipment
The basic construction of the panel includes the important existing functions and satisfies all basic requirements.
- 8 freely configurable outputs for relay
- 2 collective relays for activations in the event of fire and the event of malfunction
- 6 detector groups in threshold value and isolating stations
- LED and touch keys

For ease of operation each case only the measures possible within the context are displayed.

### Clear displays and intuitive operation
The operating concept of the FMZ 5000 mod S fire detection and extinguishing control panel stands out due to its clear displays and excellent user friendliness:
- Sensor keys, regardless of whether a fixed function or variable menu navigation, ensure easy operation – the full graphic, large LC display scores points with its clear displays: 2 detectors’ 2 displays: 2 detectors with up to 4 lines each, including an editable detection text, can be displayed at the same time. In addition, the panel has an ample number of LEDs for mostly freely configurable, single and double coloured individual and collective displays.
- The detector and control groups are operated directly and easily using fixed assigned keys, all other operations are supported by a clearly structured menu navigation. For ease of operation in each case only the measures possible within the context are displayed.
- Multilingual display in the panel is accessed by switching into different languages for menus and detections during operation.
- The most common controls are easily accessed during operation by pressing a key switch. All other operating steps are enabled by entering numeric codes.

### The unmatched functionality and flexibility of the FMZ 5000 mod S fire protection and extinguishing control panel makes it stand out in the sector of small fire detection and extinguishing control panels.

### Clear displays and excellent user friendliness make for an impressive operating concept.

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**MODULAR and economical**

**EASY to operate**

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**FLEXIBLE for multiple requirements**

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**Uniquely flexible**

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**Function and use**

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**New configuration concept**

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**Equipment**

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**Clear displays and intuitive operation**

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**The most common controls are easily accessed during operation by pressing a key switch. All other operating steps are enabled by entering numeric codes.**
The FMZ 5000 mod 5 fire detection and extinguishing control panel makes it stand out in the sector of small fire detection and extinguishing control panels.

New configuration concept
The configuration is extremely quickly and efficiently executed for every application by powerful pre-installed configuration templates. As needed and for very complex tasks, the functions and parameters of the FMZ 5000 mod 5 fire detection and extinguishing control panel can be written freely, with few restrictions.

The extensive basic set-up permits a function expansion via the optional addition of function modules. Operators hence receive a problem-free set-up adjusted to further project-specific requirements.

- Communication module (interface for networking and printer, Ethernet connection for remote information and remote control)
- Fire brigade interface (serial fire brigade control panel, transfer facilities/equipment for fire and fault, fire brigade key input, fire brigade information panel)
- Test equipment for spark detector during operation (four test outputs, programmable for timed or manual test)

Clear displays and intuitive operation
The operating concept of the FMZ 5000 mod 5 fire detection and extinguishing control panel stands out due to its clear displays and excellent user friendliness:

- Sensor keys, regardless of whether a fixed function or variable menu navigation, ensure easy operation – the fully graphic, large LC display scores points with its clear displays: 2 detections with up to 4 lines each, including an editable detection text, can be displayed at the same time. In addition, the panel has an ample number of LEDs for mostly freely configurable, single and double coloured individual and collective displays.

The detector and control groups are operated directly and easily using fixed assigned keys, all other operations are supported by a clearly structured menu navigation. For ease of operation in each case only the measures possible within the context are displayed.

- Multilingual display in the panel is accessed by switching into different languages for menus and detections during operation. The most common controls are easily accessed during operation by pressing a key switch. All other operating inputs are enabled by entering numeric codes.

Function and use
The FMZ 5000 mod 5 fire detection and extinguishing control panel is used in both the fire detection and the monitoring of water and gas extinguishing activation. Furthermore it can detect flames and trigger extinguishing, practically without delay, as would be necessary in spark extinguishing systems, for example. Detectors in the fault or monitoring categories are allocated based on norm specifications (e.g. EN, FM) applicable to each project site. This results in a versatile use in all areas of fire detection as well as activating and monitoring extinguishing systems, for example as:

- Fire detection panel
- Sprinkler monitoring panel and control centre panel for water mist extinguishing systems, pilot operated sprinkler systems and isolating stations
- Fire detection and extinguishing control panel for fine extinguishing systems with chemically effective gaseous extinguishing agents as well as inert gas extinguishing systems
- Panel to monitor pneumatic conveyors, machine tools and painting spraying systems as well as uninstalled activation of corresponding extinguishing systems

The most common controls are easily accessed during operation by pressing a key switch. All other operating inputs are enabled by entering numeric codes.

Equipment
The basic construction of the panel includes the important existing functions and satisfies all basic requirements:

- 6 detector groups in threshold value technology, each individual one of which can assume all functions
- 2 primary control groups for activating and monitoring signal horns and relays
- 2 collective relays for activations in the event of fire and the event of malfunction
- 6 freely configurable outputs for relay activations
- USB interface for programming
- Indicator and control panel with LC display, LEDs and touch keys

Uniquely flexible
The FMZ 5000 mod 5 fire detection and extinguishing control panel stands out in the sector of smaller fire detection and extinguishing control panels due to its uniquely high functionality and flexibility. The modular layout also makes it a very economically interesting solution for many application areas.
**Power supply**

The power supply for the FMZ 5000 mod S fire detection control panel is provided by an integrated power pack. Supply voltage can be both 115 V and 230 V. 24 V / 3 A is provided for the panels and to supply the detectors and triggers with power.

For special applications requiring increased emergency power, the panels can be optionally expanded with an added power pack, which is flange mounted in a separate case on the underside. This increases max. battery capacity to approx. 40 Ah.

**Installation and commissioning**

The FMZ 5000 mod S fire detection and extinguishing control panel is remarkable due to its ease of installation and commissioning:

- The modular construction permits a rapid and simple configuration of the panel hardware.
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**Technical data**

- **Input voltage**: 115 V AC/230 V AC ±10%–15%, 50/60 Hz
- **Operating voltage**: 24 V DC
- **Power adapter**: 24 V / 3 A
- **Emergency power supply**: 2 x 12 V / 12 Ah internal, additional 2 x 12 V / 18 Ah external, total 40 Ah
- **Protection class**: IP 42
- **Ambient temperature**: -5 °C to +40 °C
- **Humidity**: ≤95%, no condensation
- **Number of function modules (max.)**: 3
- **Number of group displays**: 9 LED pairs red/yellow
- **Collected displays with fixed function**: Fire, fault, operation, system malfunction, energy malfunction
- **Number of collective displays with configurable function**: 7 LEDs yellow
- **Weight**: Approx. 8 kg (without batteries)
- **Dimensions**: 410 x 560 x 120 mm (W x L x D)

**Approvals**

The FMZ 5000 mod S fire detection and extinguishing control panel is in the licensing process with a number of authorities, among these: VdS for the certification pursuant EN 54-2, EN 54-4, EN 12094-1, FM pursuant ANSI/UL924.

**Power supply**

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- Reduced configuration and equipment for each application limits the scale of investment volume to just the essential.
- High functionality linked with simple, standardised configuration saves installation and commissioning time.
- Modern diagnosis and maintenance equipment enables uncomplicated service.

**For special applications requiring increased emergency power, the panels can be optionally expanded with an added power pack, which is flange mounted in a separate case on the underside.**

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**BENEFITS**

- A clear display and excellent user friendliness make the operating concept stand out.
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**Technical data**

- **Input voltage**: 115 V AC/230 V AC, ±10%–15%, 50/60 Hz
- **Operating voltage**: 24 V DC
- **Power adapter**: 24 V / 3.0 A
- **Emergency power supply**: 2 x 12 V / 1.2 Ah internal; additional 1 x 12 V / 1.0 Ah external, total 40 Ah
- **Protection class**: IP 42
- **Ambient temperature**: -5 °C to +40 °C
- **Humidity**: ≤ 95 %, no condensation
- **Number of function modules (max.)**: 3
- **Number of group displays**: 9 LED pairs red/yellow
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**Approvals**

The FMZ 5000 mod S fire detection and extinguishing control panel is in the licensing process with a number of authorities, among these: VdS for the certification pursuant EN 54-2, EN 54-4, EN 12094-1, FM pursuant ANSI/NFPA72.