



FMZ 5000 Relay module

*Cool down.
Fire Protection by*

MINIMAX

► Product ► Application + Advantages

- ▶ The relay module provides 8 relays, each with one potential-free change-over contact.
- ▶ Each relay can be used with 4 different function modes:
 - continuous activation
 - pulsed activation
 - delayed activation
 - combinations with delay
- ▶ Activation and delay times of up to 18 hours can be configured.
- ▶ Defined by the configuration, each relay can display the activation with the alarm type, number, alarm text and LED.
- ▶ Each relay can be used for controlling fire protection equipment, shutting down machinery or activating acoustic signals.
- ▶ Relays are activated via door contact and vice versa.
- ▶ Activation is possible either without a message or with a freely definable message on LCD and a single LED.
- ▶ A power relay card can easily be connected via a ribbon cable.
- ▶ The configuration software MxSysCon enables the use of the 8 relays with free logical circuits similar to freely programmable controls.
- + This enables fast application and configuration changes directly at the customer's facilities.
- ▶ You can use each relay within the module freely and independently.
- ▶ If your project requires the display or forwarding of the relay activations, the necessary messages are freely configurable.
- + The extensive configuration options of the switching and delay times and the ability to combine all times offer maximum flexibility for use in any project.
- + Use to activate a shutdown in the case of fire enables deactivation from the fire brigade control panel.
- + If the relay is intended for horn control, it is dependent on the "acoustic signals" command.
- + SNAP AND GO! All you have to do is plug in the modules, with no wiring in the fire alarm panel, then connect the external devices.



Forwarding – switching – initiating

Time-controlled activation, pulsed activation, delayed activation

Activated relays are displayed on the LCD or at the control centres with the group text and group number

- ▶ The relay module has eight independent relays. Each relay has one potential-free changeover contact, which is connected via a plug-in terminal directly on the module housing.
- ▶ The relay modules can be connected to the FMZ 5000 fire alarm panel on a TS35 mounting rail (top hat rail) in any sequence. The modules are automatically connected with the power supply and the data bus by means of contacts

on the bottom of the housing when they are pushed together. No wiring is required within the fire alarm panel for the relay module. For larger switching capacities, a power relay card can be connected via a plug connector.

- ▶ The module is configured via a computer with the configuration program MxSysCon. The configuration data is downloaded to the fire alarm panel via serial download.

Technical data

Operating voltage	24 Vdc nominal voltage (19 V to 29 V)
Current consumption	10 mA, all relays released, plus 10 mA for each activated relay
Number of relays	8
Number of contacts per relay	1 potential-free changeover contact
Contact capacity	1 A/30 Vdc, 30 W – 0.5 A/125 Vac, 60 VA
Operating temperature	-5 °C to +40 °C
Relative humidity	95%, without dew
Dimensions	99 x 17.5 x 114.5 mm (L x W x H)
Article number	901595

We reserve the right to make technical changes.

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