

Fire detection and suppression control panels

Modules/cards

Control group module



Part no.: 901673

Functional module for use in all design variants of the fire detection series FMZ 5000. Includes 4 control lines for the monitoring and control of fire protection devices. The line to the devices is monitored for wire breakage and short circuits. The connected fire protection devices are also monitored to verify that they are present and in proper condition.

Product features

- Control groups can be time-controlled with delays, pulse controlled or continuously controlled
- All settings are carried out with the MxSysCon configuration program.
- No further adjustment work is required

Application

For monitoring and control of e.g. valves, solenoids or horns in extinguishing systems or other fire protection devices. The module is inserted into the panel with separate power supply by power distribution module. The power supply and system communication are connected via plug-in connections on the module enclosure. Up to 64 modules can be used in one fire alarm panel.

Technical specifications

Operating voltage	21 V - 29 V DC
Quiescent current	25 mA DC
Number of control groups	4, quiescent current monitored
External control groups	21 V - 29 V DC
Output current	1 A, continuous load
Control	time-controlled, continuous, pulse, inverted
Max. terminal cross-section	2.5 mm ² (AWG 13)
Ambient temperature	-5 °C to +40 °C (+23 °F to +104 °F)
Relative humidity (IEC 721-3-3)	max. 95 % no condensation
IP rating (EN 60529)	IP 20
Enclosure	Polyamide PA6.6, green
Installation position	vertical
Mounting	Mounting rail 35 mm DIN 46277, top hat profile
Weight	100 g (0.2 lbs)
Dimensions	17.5 x 99 x 114.5 mm (WxHxD) 0.7 x 3.9 x 4.5 inch (WxHxD)
Performance Level acc. to ISO 13849	c

Included in delivery

Module completely assembled and ready for installation in the fire alarm panel.

Not included in delivery

4 Socket terminal strips FKCT 2.5/3-ST 901564

Spare parts

Fuse 2 A / 125 V 784352

Note

If the module is used to sounders or extinguishing devices in multi-zone extinguishing systems, a separate control group module must be used for each extinguishing zone.

Approvals / marking

See panels

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