

Fire detection and suppression control panels

FMZ 5000

Fire alarm panel FMZ 5000 mod S



Application

Use as fire detection and suppression control panel in single-zone water or gas extinguishing systems, as spark detection and spark extinguishing control panel as well as in applications with undelayed fire detection, such as for the protection of machines or paint shops.

Technical specifications

Mains voltage	115 V / 230 V AC -10% +15%
Mains frequency	50 Hz - 60 Hz
Operating voltage	26.5 V DC
Power supply unit	26.5 V DC / 3 A
Quiescent current	approx. 250 mA
Battery capacity	2 x 12 V / 12 Ah or 2 x 12 V / 18 Ah
External control voltage	26.5 V DC
Collective relays	Fire / fault in each case
Contact load	1 A / 30 V DC, 0.5 A / 125 V AC
Max. switching capacity	30 W / 62.5 VA
Ambient temperature	-5 °C to +55 °C (+23 °F to +131 °F)
Storage temperature	-20 °C to +55 °C (-4 °F to +131 °F)
Relative humidity (IEC 721-3-3)	max. 95 % no condensation
Enclosure	Sheet steel
Dimensions approx. body	440 x 595 x 171 mm (WxHxD) 17.3 x 23.4 x 6.7 inch (WxHxD)
IP rating (EN 60529)	IP 54
Color	RAL 7035
Weight	approx. 13.2 kg (29.1 lbs) without batteries
Mounting	Wall-mounted installation

Approvals / marking



G 211052
G 211123



0786-CPD-21081
0786-CPD-21136



Part no.: 909222

Compact control panel of the FMZ 5000 detection control panel family accommodated in a wall housing. For operation of conventional detectors in standard design or suitable for industrial applications and for the monitored triggering of alarm devices, valves and release devices.

Optional modules allow the additional connection and operation of:

- Two transmission devices for fire and fault, one fire brigade control panel, fire brigade display panel and fire brigade key deposit box
- Interfaces for the data transfer to management systems, printer, control panel networks and remote diagnostics
- Test of installed spark detectors during operation
- Relay card RK8 or RK8TQ

Product features

- 6 detector groups for any type of conventional detectors, there of 4 for undelayed fire detection
- 3 control groups
- 8 open collector outputs for connecting relays
- Collective and individual LEDs, partly red/yellow
- Extendable by function modules
 - Fire brigade periphery for connection of all kind of fire brigade components
 - Communication card for connection to external control facilities and printers
 - Spark test card for connection of spark test detectors for testing spark detectors
- Suitable for integration into a ring network with further Minimax control panels
- Large fully graphic LC display with menu navigation
- Key switch as access to the direct operation of detector and control groups

Included in delivery

Control panel with display and operating front panel, mainboard with power supply, conventional groups, control groups and open collector outputs, wired ready for operation.

Operating manual, log book, mounting material

Key, switch	911745
Key, door	767588

Not included in delivery

Relay card RK8	802587
RK8TQ	800843
Cable set FMZ 5000 mod S	913673
Batteries 2 x 12 V / 12 Ah	927481
Batteries 2 x 12 V / 18 Ah	927123
Installation material, functional modules	