

MB-208 Conventional Fire Extinguishing Control Panel with 8 Class B zones correspondingly.

An extinguishing panel that is compatible with conventional input devices such as detectors, manual pull stations, water-flow devices, tamper switches, and other normally-open contact devices.

Simple to install and operate, and provides a flexible, cost-effective solution for extinguishing projects.



System Functionality:

- Detection of two devices alarming in the detection zone.
- Delay can be assigned for detection zones.
- Adjustable delay and extinguishing times.
- Extinguishing release countdown timer.
- Open/short circuit control of all input (supervised detecting zone inputs, extinguishing holding input, extinguishing canceling input, extinguishing start input, low-pressure input, extinguishing status switch input) lines.
- Open/short circuit control of all output (supervised extinguishing output, second-level sounder output, fire sounder output, gas active output) lines.
- Extinguishing mode can be changed remotely via extinguishing status key.
- The panel can be set to automatic/manual extinguishing modes.
- Gas A and Gas B operation mode.
- Abort function.
- Improved protection against false alarms (in case of ground fault or loud noise).
- Can integrate with Eaton devices to create sophisticated cross-zone functionality.

Features & Benefits:

- Simple installation and integration.
- Includes maintenance notifications.
- Compatible with wide range of detection devices including Eaton products.
- Cross-detection alarm in the zone.
- Approved as Fire Releasing Control Panel according to UL864 10th Edition and NFPA 2001 requirements.
- Can be programmed on site or by using the MTech Site Installer software on PC.

Technical Specifications:

Code	MB-208
Description	Conventional Fire Extinguishing Control Panel
Extinguisher	Water and Agent Releasing Support SYZV.S36158
Standards	UL864 10th Edition, SII1220 and TR TC EAC 043-2017. Also available in UL864 9th Edition.

Specification

Panel Display	2-line x 16-character LCD, multilingual support
Panel Keyboard	Full numeric keyboard, Reset, Silence, Forward, ESC, Enter
Panel Indication	LED indication: AC, Alarm, Trouble, Silence, Supervisory
Sound	Internal alarm sounder
Number of Zones	8, Supervised
Extinguishing Output	Supervised/24VDC 0.6A Max. Current = during 2 sec. 2A
Gas Released Output	Supervised/24VDC 250mA
Output Ports	RS485
Network	LNET/RS-485 - for communication with remote annunciator MA-1050A LNET/RS-485 - for network communication between MTech analog addressable fire alarm control panel and up to 32 conventional MB-208 fire extinguishing control panels
Event History	Buffer for 250 events with date and time stamp
Service	Built-in walk test

Power

Input Voltage	Input 120VAC/230VAC; 50/60Hz
Operated Voltage	24VDC 6.5A
Battery	Two 12V up to 20Ah

Output

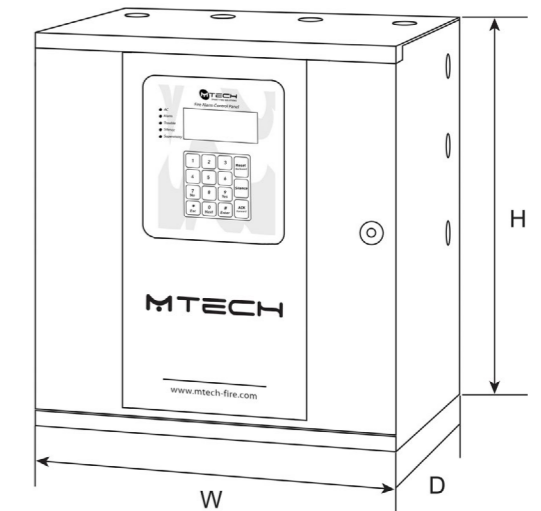
Panel Nacs	4 O/P NACs (600mA)
Panel Relays	Alarm (1), Trouble (1), Programmable (3) 30VAC/DC 5A
Initiating End-of-Line Resistor	Zone, 4.7K Ohms 1/2W 5%, NAC, 10K Ohms 1/2W 5%, Line Impedance 50 Ohms MAX

Physical

Environmental Operating Temperature	0°C to +49°C
Humidity (Non-Condensing)	0 - 93% RH
Physical Construction	Metal box
Color	RAL 3000
Weight	7 kg
Ingress Protection	IP31
Cable Entries:	Top (4), Right (11), Left (2)

Compatibility

Suitable for Use With	MA-1050A Remote Annunciator MTech MA Analog Addressable Fire Alarm Systems MA-Monitoring Graphical Management Software
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Dimensions:

W. 370 mm | H. 393 mm | D. 112 mm



Order Code:

MB-208 English version