MFS-C 08Z
FIRE ALARM CONTROL PANEL

MICROGUARD
FIRE SYSTEMS
LIFE SAFETY IS OUR BUSINESS

PRODUCT OVERVIEW :-

The **MFS-C 08** Conventional Fire Alarm Control Panel is a microprocessor-based system designed for small to medium commercial and industrial applications. The panel continuously monitors fire detectors and manual call points and provides reliable fire and fault indication**. Conventional fire alarm panel is compatible with 20 detector or MCP per zone**. These panel are specially designed to meet the latest market requirement and current as well as future. Conventional fire alarm panels are ideal for small building, such as individual office or retail shops. This is zone addressable fire alarm panel which is compressively design. Main panel can be connected with repeater panel. This panel has inbuilt buzzer with 24 v hooter. In this panel 16*2 LCD is used for visual indication.

FEATURES:-

- 8 independent conventional zones.
- Compatible with smoke, heat detectors and MCP's.
- LED indications for Fire, Fault, Power and Zone status.
- Sounder and relay outputs.
- Manual Evacuate, Silence and Reset controls.
- Short and open circuit monitoring.
- Wall mounted metal enclosure.

OPERATION:-

-Switch ON mains power supply.

- Ensure battery is connected properly.
- Normal condition indicated by green Power LED.
- In case of fire, corresponding zone Fire LED glows and sounder activates.
- Silence sounder using Silence button if required.
- Reset panel after clearing alarm condition.

MAINTENANCE:-

-Weekly test of at least one detector or MCP per zone.

- Monthly inspection of battery condition and terminals.
- Quarterly cleaning of detectors as per manufacturer recommendation.
- Annual full system inspection by authorized service person.

SAFETY INSTRUCTIONS:-

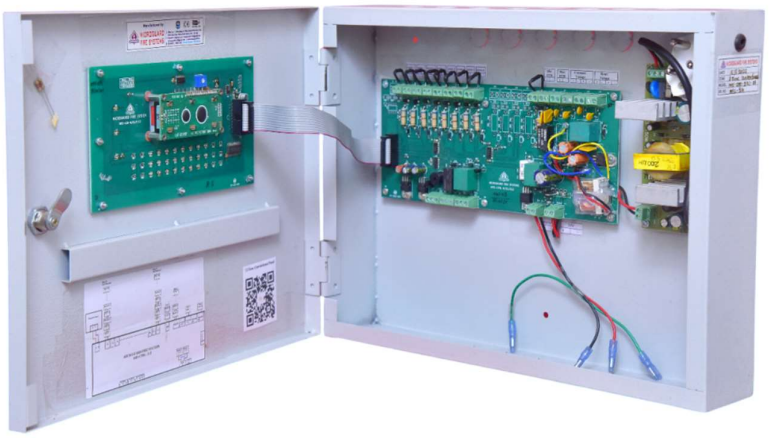
-Installation must be carried out by qualified person only.

- Disconnect mains supply before servicing the panel.
- Use specified fuse ratings only.
- Do not short circuit zone or sounder terminals.

- Follow local fire and electrical safety regulations.

ELECTRICAL SPECIFICATIONS:-

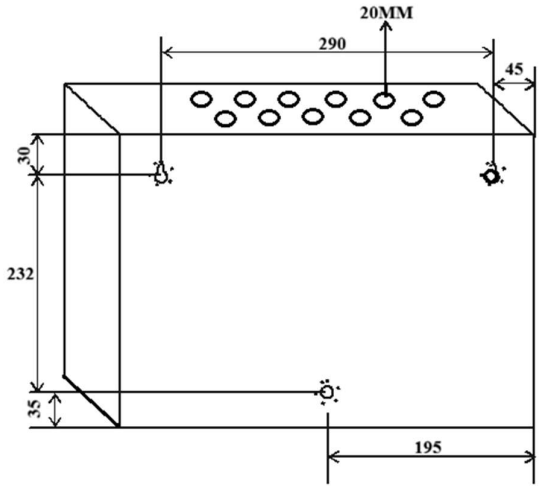
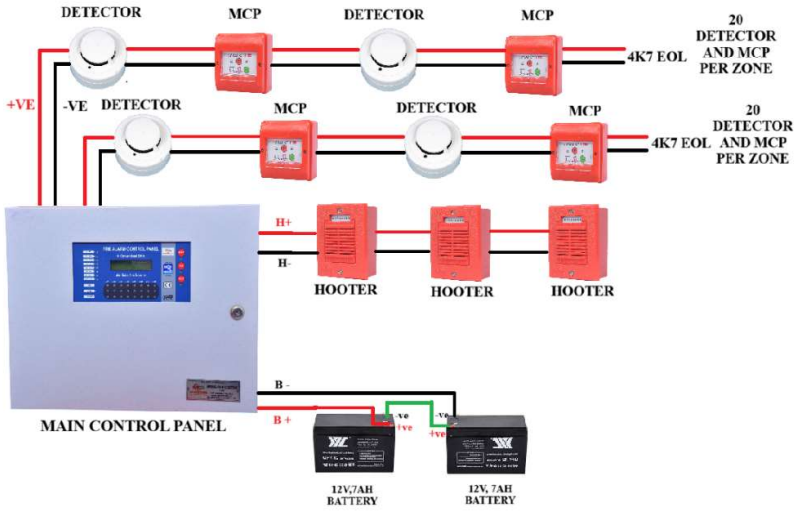
Mains Supply	230V AC , 50Hz
Battery	2 x 12V DC ,7AH
Zone Voltage	24V DC
Sounder Output	24V DC, 1.5A Max
Interface Port	RS485
Relay Output	Fire Relay , Fault Relay
Voltage	
Power Rating	24 – 30 V Dc / 1A



MECHANICAL SPECIFICATIONS:-

Enclosure	MS Powder Coated Metal
Mounting	Wall Mounted
Dimensions	Approx. 380 x 300 x 95mm
Panel Weight	3.300 Kg (Without Battery)

NOTIFICATION APPLIANCE CIRCUITS:-



WIRING DAIGRAM:-