

MFS-256 PANEL

FIRE ALARM CONTROL PANEL



PRODUCT OVERVIEW :-

The **256 Talk Back Alarm System** is a microcontroller-based fire alarm and voice communication control panel designed for reliable fire detection, annunciation, and emergency talk-back communication in commercial and industrial premises.

The system supports **up to 256 zones** and provides clear visual indication, audible alarms, and talk-back communication for emergency response.

FEATURES:-

- Supports **up to 256 zones**.
- Microcontroller-based intelligent control.
- LCD display for system status & alerts.
- Individual zone fire indication LEDs.
- Talk-back voice communication facility
- Manual control keys (Silence, Reset, P.SET, All Call).
- CE compliant design.
- Rugged metal enclosure with lock & key.
- Battery backup support.



OPERATION:-

- Switch ON mains power supply.
- 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.

SAFETY INSTRUCTIONS:-

- Installation must be carried out by qualified person only.
- Disconnect mains supply before servicing the panel.
- Do not short circuit terminals.
- Follow local fire and electrical safety regulations.

ELECTRICAL SPECIFICATIONS:-

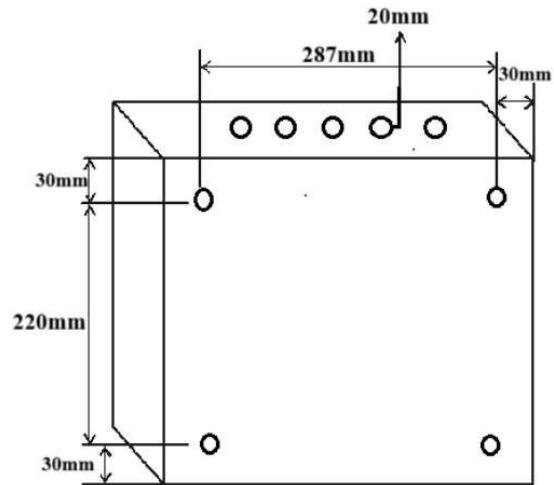
Mains Supply	230V AC , 50Hz
Battery	12V DC ,7AH
Zone Capacity	256 zones
Maximum Charge Current	1A
Power Supply	16V DC
Interface Port	RS485
Power Rating	16V DC

MECHANICAL SPECIFICATIONS:-

Enclosure	MS Powder Coated Metal
Colour	RED
Mounting	Wall Mounted
Dimensions	Approx. L 380 x H 280 x W 90mm
Panel Weight	3.500 Kg



NOTIFICATION APPLIANCE CIRCUITS:-



WIRING DAIGRAM:-

