



MS-2/MS-4 Conventional Fire Alarm Systems

Advanced systems ideal for
small facilities

Sophisticated Performance At Very Low Cost

The Fire-Lite MS-2 and MS-4 Fire Alarm Control Panels bring the latest in microprocessor technology to conventional fire controls. Both panels are compatible with the new I3 smoke detectors from System Sensor, provide such advanced features as drift compensation, maintenance alert, and freeze warning - features normally found in more expensive addressable systems. The Notification Appliance Circuit (NAC) protocol includes the ability to silence audible devices while strobes continue to flash, using only a single pair of wires, as well as automatic synchronization for three manufacturer's protocols of audio/visual devices. The panels are also compatible with conventional input devices such as two- and four-wire smoke detectors, pull stations, waterflow devices, tamper switches and other normally open contact devices.

High Performance with I3 Technology

When coupled with the Fire-Lite MS-2 and MS-4 Fire Alarm Control Panels, I3 devices provide additional detection technology. I3 detectors automatically adjust their sensitivity settings based on dust accumulation in their chamber, resulting in an increased resistance to false alarms. A special maintenance alert LED on each zone will warn of excessive dirt accumulation preventing false alarms - a quick way to test each detector without need for a ladder. In addition, a special supervisory LED warns if a detector is approaching freezing temperatures. This is especially useful when panels are placed in a warehouse facility where such low temperatures may be found. A special wireless handheld sensitivity meter eliminates the need for voltmeters, magnets and physical connections to the detectors to determine sensitivity settings. The meter displays sensitivity in terms of percent per foot obscuration and provides status of detector sensitivity in clear English text.

Flexible Programmable Output Control

The MS-2 and MS-4 panels provide state-of-the-art NAC synchronization features that meet NFPA requirements for both audible signals and ADA compliant strobes. To ease retrofit applications, strobe synchronization is provided for System Sensor, Wheelock and Gentex signaling protocols, and permits use of existing devices. Both panels contain a Selective Silence feature where horns can be manually silenced while strobes continue to flash on

the same NAC. This reduces confusion when first responders arrive to survey the situation, yet still warns occupants to exit the building.

Time Saving Innovations and False Alarm Reduction

Designed to reduce installation and maintenance labor time, both panels feature a Silent or Audible Walk Test operation mode that can be commanded from the front keypad. If no activity takes place after one hour, the system automatically returns to normal operation. To further reduce false alarm potential, the systems feature the ability to select alarm verification mode by each zone. This permits testing of zones that may be more prone to alarm to insure the detectors have not sensed a false indication of fire.

When using the MS-4, a special module is available that converts all four indicating circuits to be used in a class A wiring configuration, enhancing wire supervision for opens or shorts.

When low-cost conventional fire detection equipment is required and budget is tight, you can rest assured the advanced features found in the MS-2 or MS-4 will meet and exceed requirements for the most demanding applications.

The MS-2 and MS-4 are designed and built by Fire-Lite Alarms, well known throughout the industry for high quality and exceptional design. To learn more about the MS-2/MS-4 or other quality Fire-Lite products, call (203) 484-7161 and ask for the distributor nearest you or visit us at www.firelite.com.



Series Photoelectric Smoke Detectors

- The i3 family is founded on three principles: Installation ease, Intelligence, and Instant inspection.
- When used with the MS-2/-4 the 2-wire i3 detectors are capable of generating a remote maintenance signal when they are in need of cleaning.
- Simplified sensitivity measurement, simply use the wireless SENS-RDR device to display the sensitivity in terms of percent per foot obscuration.
- Drift compensation and smoothing algorithms are standard with the i3 line, to minimize nuisance alarms.
- The large wire entry port and in-line terminals provide ample room for neatly routing the wiring inside the base.

Key Applications

- Small to medium facilities including:
 - Banks
 - Cinemas
 - Department Stores
 - Food Stores
 - Restaurants
 - Schools (Elementary, Middle and High Schools)
 - Strip Malls
 - Small Retail Outlet Stores
 - Apartment Complexes
- Mid-Rise Buildings
 - Dormitories
 - Small Motels
 - Small Hotels
 - Extended Stay Facilities
- Commercial buildings including:
 - Manufacturing
 - Warehousing
 - Telecommunication Systems
 - Corporate Headquarters
- Healthcare including:
 - Smaller Hospitals and Clinics
 - Nursing Homes
 - Retirement or Assisted Living Facilities