HMS-Series Intelligent Initiating Devices

Intelligent Metal Manual Fire Alarm Boxes
Model HMS-M　　　[with Models MS-FB, MS-FD]

ARCHITECT AND ENGINEER SPECIFICATIONS

- **Polarity Insensitive with *SureWire*™ technology**
  - Innovative technology supports comprehensive system and interface communication
- **Custom microcomputer-chip technology**
- **Durable metal design**
- **Surface or semi-flush installation**
- **(2) two-wire operation**
- **Device Program / Test Unit (Model DPU) programs and verifies address and test functionality**
- **Electronic-address programming is easier and more dependable**
- **Shock and vibration resistant**
- **Pull Down Lever Remains Down Until Reset**
  - Reset with Allen Key
  - Break-rod option provided

HMS-M

HMS-M
(with Models MS-FB and MS-FD)

- **Double-action accessory available**
- **Americans with Disabilities Act (ADA) Compliant**
- **⒰UL Listed, ⒰ULC Listed; CSFM and NYC Fire Department Approved**

Product Overview

The intelligent manual fire-alarm boxes (Model HMS-M) provide the most advanced method of address programming, supervision and sophisticated fire-alarm-control-panel (FACP) communication currently offered in the Fire and Life Safety market.

Each HMS-series manual fire-alarm box incorporates a custom microcomputer chip for compatibility with *SureWire*™ technology from the FACP. This microcomputer-chip technology, along with its sophisticated bi-directional communication capabilities with the FACP, helps in achieving the state of an 'Intelligent Initiating Device' for Model HMS-M.

Specifications

Model HMS-M has all-metal material construction, which is matte finished in red with raised white lettering. The housing accommodates a 'pull-down' lever, which – when operated – locks into position, indicating the manual fire alarm box has been activated.

The pull-down lever remains down and locked until the manual fire alarm box is reset. The manual fire alarm box can only reset via the unlocking / opening of the hinged housing cover with an Allen key (and then closing / locking the fire-alarm box with the Allen key.) Model HMS-M is shipped with one (1) reset key and one (1) breakglass rod (use of rod is optional).

Model HMS-M operates with various Siemens – Fire Safety FACPs. The microcomputer chip contained in Model HMS-M has the capacity of storing – in memory – identification information; as well as important operating-status data.

All Model HMS-series intelligent manual fire alarm boxes are programmed via the Programmer /Test Unit (Model DPU). Model DPU eliminates the need for mechanical-addressing mechanisms, such as: program jumpers, DIP switches or rotary dials, since Model DPU sets the interface address of Model HMS-M into its microcomputer-chip, non-volatile memory electronically.

Specifications — (continued)

Further, other conditions (such as vibration and corrosion), which can deteriorate mechanical-addressing mechanisms, are no longer a cause for concern.

Model HMS-M is fitted with screw terminals for connection to an addressable circuit. They can either be surface or semi-flush mounted.

Each Model HMS-series manual fire alarm box communicates information, receives commands and obtains its power over a single pair of wires.

The Model HMS-series manual fire alarm boxes is compatible on the same circuit all Siemens Model `H'-series *FirePrint*™ detectors; Model HTRI-series interfaces, or Model HZM-series addressable conventional zone modules.

Additionally, Siemens 50-point, 252-point and 504-point addressable panels are compatible with HMS-M manual fire alarm boxes, via the use of any type of Siemens HTRI detection device.
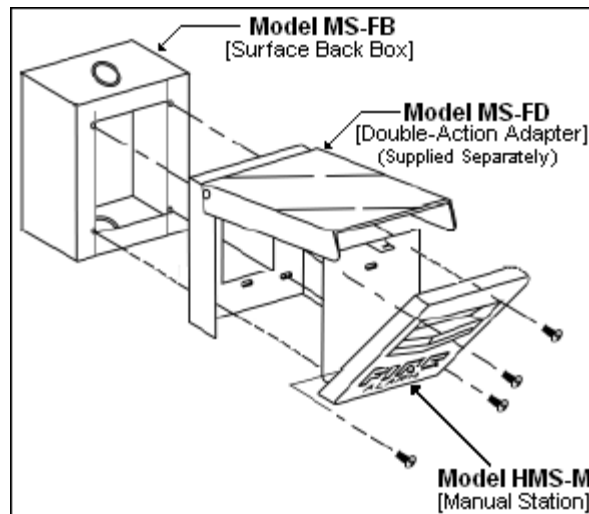
Electrical Rating

Current Draw : (Active or Standby)	0.9mA

Details for Ordering

Model	Part Number	Description
HMS-M	500-033450	Addressable Manual Fire-Alarm Box, Metal
MS-FB	500-6940512	Surface box [for Model HMS-M]
MS-FR	500-6940513	Break-Glass Rods (Pkg. of 10)
MS-FK	500-6940514	Allen-Head Reset Keys (Pkg. of 10)
MS-FD	500-6940515	Double-Action Adapter
MS-NY	500-6940516	New York City White-Stripe Wall Plate

Mounting Diagram

Notice: This marketing data sheet is not intended to be used for system design or installation purposes. For the most up-to-date information, refer to each product's installation instructions.