

Intelligent Initiating Devices

Manual Fire Alarm Box

Model MSI-B6F

Architect & Engineer Specifications

- Durable metal design
- Shock and vibration resistant
- Pull-down lever remains down until reset
- Custom microcomputer-chip technology
- Dynamic supervision
- For Model MSI-B6F:
 - Reset with Allen Key
 - Two-wire operation
 - Break-rod option
- Surface or semi-flush installation
- Model DPU or the FPI-32 Upgrade Kit programs and verifies the device addresses tests for functionality
- Electronic address programming is easier and more dependable
- Double-action accessory available
- UL Listed; USCG, FM, CSFM & NYC Fire Dept. Approved

Product Overview

The Siemens - Fire Safety Manual Fire-Alarm Box (Model MSI-B6F), which operates with the FireFinder XLS and MXL fire-alarm control panels (FACPs), provides the most advanced method of address programming and supervision currently available to the fire industry.

Model MSI-B6F is the essence of an 'intelligent initiating device' through the built-in, microcomputer-chip technology of each box; as well as Model MSI-B6F's sophisticated, bi-directional communication capabilities with the FireFinder XLS and the MXL FACPs. The manual fire-alarm box's microcomputer chip has the capacity of storing - in memory - identification and operating-status data.

Specifications

Model MSI-B6F has all-metal-material construction, which is matte finished in red with raised white lettering. The housing accommodates a 'pull-down' a lever which - when operated - locks in position, indicating the manual fire-alarm box has been activated.

The pull-down lever remains down and locked, until each intelligent manual fire-alarm box is reset, via first opening the hinged housing cover with an Allen Key, followed by closing and locking the cover.

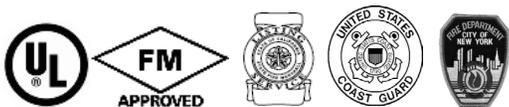
Siemens - Fire Safety's innovative technology also allows all Model MSI-series Intelligent Manual Fire-Alarm Boxes to be programmed via the Model DPU Programmer / Tester. The Model DPU Programmer / Tester is a compact, portable and menu-driven accessory that makes programming and testing a manual fire-alarm box more efficient, reliable and quicker than previous methods.

Model DPU eliminates the need for the device's mechanical addressing mechanisms (such as: program jumpers, dip switches or rotary dials) because Model DPU electronically sets the pull station's microcomputer chip's non-volatile memory.



Model MSI-B6F
with Surface Box (MS-FB) and
Double-Action Adapter (MS-FD)

Model MSI-B6F



Specifications (cont.)

Vibration, corrosion and other conditions, which can deteriorate mechanical-addressing mechanisms, are no longer a cause for concern because each Model MSI-B6F box is fitted with screw terminals for connection to an addressable circuit. Model MSI-B6F can be either surface or semi-flush mounted.

Overall, the Model MSI-series manual fire-alarm boxes derive their power, communicate information and receive commands over a single pair of wires.

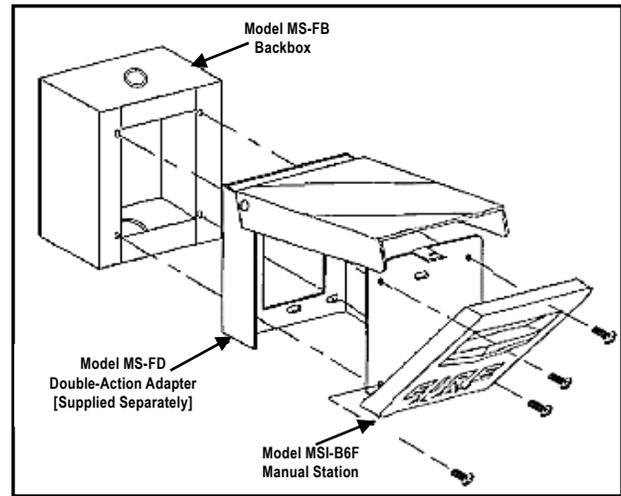
Every MSI-B6F box is compatible on the same circuit with all Model IL; Model ID-60-series ionization, photoelectric or thermal detectors; Model MSX or MSI-series addressable manual fire- alarm boxes; Model TRX or TRI-series addressable interface modules, or Model CZM-series addressable, conventional-zone modules.

Model MSI-B6F is Underwriters Laboratories, Inc. Listed. It is also included in US Coast Guard (USCG) approval for use in marine and other harsh environments, when used with the Siemens 252-point and 504-point USCG approved addressable system.

Actual job conditions and sound engineering judgment must determine when to use this product. Be sure to consider environmental factors, including ambient-temperature fluctuation and the nature of the fire hazard.

Should questions arise regarding usage, follow the drawings provided and / or approved by Siemens Industry, Inc.- Fire Safety, or by its authorized distributors.

Mounting Diagram



Details for Ordering

MODEL OR TYPE	PART NUMBER	PRODUCT
MSI-B6F	500-895301	Single-Action Addressable Manual Fire-Alarm Box
MS-FB	500-694512	Surface Mounting Box for Model MSI-B6F
MS-FD	500-694515	Double-Action Adapter
MS-NY	500-694516	New York City White-Stripe Wall Plate

NOTICE – The information contained in this data-sheet document is intended only as a summary, and is subject to change without notice. The product(s) described here has/have a specific instruction sheet(s) that cover various technical, limitation and liability information.

Copies of install-type, instruction sheets – as well as the *General Product Warning and Limitations* document, which also contains important data, are provided with the product. All are available from the Manufacturer.

Data contained in the aforesaid type of documentation should be consulted with a fire-safety professional before specifying or using the product.

Any further questions or assistance concerning particular problems that might arise, relative to the proper functioning of the equipment, please contact the Manufacturer.

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