Intelligent Detection Devices

'MS' Series — Manual Fire Alarm Boxes

[For use with FireFinder® XLS and MXL Panels]

Models MSI-10B and MSI-20B

— ARCHITECT AND ENGINEER SPECIFICATIONS —

- **Durable design**
- **Shock and vibration resistant**
- **Pull-down lever remains down until reset**
- **Custom microcomputer-chip technology**
- **Dynamic supervision**
- **For Model MSI-20B:**
  - Reset with Allen Key
  - Two-wire operation
- **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**

MSI-20B   MSI-10B

- **Single and double-action models available**
- **®UL Listed; FM, CSFM & NYC Fire Department Approved**

Product Overview

The Siemens — Fire Safety Manual Fire-Alarm Boxes (Models MSI-10B and MSI-20B), which operate with the FireFinder XLS and MXL fire-alarm control panels (FACPs), provide the most advanced method of address programming and supervision currently available to the fire industry. Models MSI-10B and MSI-20B are the essence of an 'intelligent initiating device' through the built-in, microcomputer-chip technology of each box; as well as sophisticated, bi-directional communication capabilities with FireFinder XLS and MXL FACPs.

Specifications

Models MSI-10B and 20B are constructed of durable-molded polycarbonate material, 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 'MS' Series — Manual Fire Alarm Boxes   6187

Specifications

Vibration, corrosion and other conditions, which can deteriorate mechanical-addressing mechanisms, are no longer a cause for concern because Models MSI-10B and MSI-20B are fitted with screw terminals for connection to an addressable circuit. Models MSI-10B and MSI-20B can be either surface or semi-flush mounted.

The Model MSI-series manual fire-alarm boxes derive their power, communicate information and receive commands over a single pair of wires. Models MSI-10B and MSI-20B are compatible on the same circuit with all Model IL and Model ID-60-series ionization, photoelectric or thermal detectors; Model TRI-series interfaces, or Model CZM-series addressable conventional-zone modules.

The Model MSI-series manual fire-alarm box's microcomputer chip has the capacity of storing — in memory — identification and operating-status data. Models MSI-10B and 20B are ®Underwriters Laboratories, Inc. Listed.
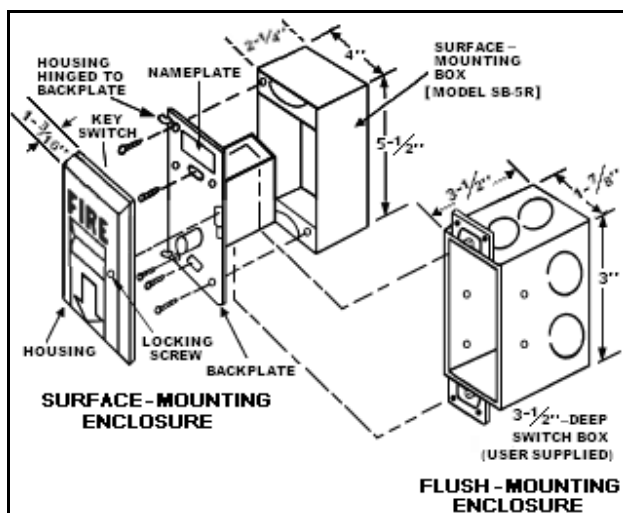
Actual job conditions and sound engineering judgment must determine when to use this product. Be sure to consider environmental factors, including ambient-temperature fluctuation and the nature of the fire hazard.

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

Electrical Rating

Current Draw:	1mA

Mounting Diagram

Details for Ordering

Model Number	Part Number	Description	Shipping Weight	
			Lbs.	Kg.
MSI-10D	500-893080	Single-Action Addressable Manual Fire-Alarm Box	2	0.90
MSI-20D	500-893081	Double-Action Addressable Manual Fire-Alarm Box	2.5	1.13
SB-5R	310-019860	Surface Mounting Box	1.5	0.68
LTP	500-620490	Reset Tool Package [contains two (2) tools]	0.5	.023

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.