

Intelligent Initiating Devices

Manual Stations used with FireFinder XLS (for Canada Only)

Models HMS-SA and HMS-2S

ARCHITECT AND ENGINEER SPECIFICATIONS

- Durable design
- Shock and vibration resistant
- Pull-down lever remains down until reset
- New custom microcomputer-chip technology
- Dynamic supervision
- For Model HMS-2S:
 - Reset with Allen Key
 - Two-wire / two-stage, dual-address operation
- Surface or semi-flush installation
- Model DPU programs and verifies the device addresses tests for functionality
- Electronic address programming is easier and more dependable



HMS-SA
(Single-action station)



HMS-2S
(Two-stage station)

- Fitted with screw terminals
- ADA Compliant
- ULC Listed and FM Approved

Product Overview

The Intelligent Manual Stations from Siemens Canada Limited — Fire Safety (Models HMS-SA and HMS-2S), through their sophisticated control-panel communication, provide the most advanced method of address programming and supervision currently available to the fire industry. Models HMS-SA and HMS-2S are the essence of an intelligent, initiating device through built-in microcomputer-chip technology, as well as each station's sophisticated, bi-directional communication capabilities with FireFinder XLS.

The pull switch and the second-stage key Switch are fully identifiable, and only one (1) pair of wires is required for Model HMS-2S.

Models HMS-SA and HMS-2S are constructed of durable, molded polycarbonate material, which is matte finished in red with raised white lettering. The housing for each station accommodates a 'pull-down' lever which — when operated — locks in position, indicating the manual station has been activated.

Specifications

The pull-down lever remains down and locked until the manual station is reset, via initially opening the hinged housing cover with an Allen Key, followed by closing and locking the cover.

Model HMS-2S is designed for two-stage applications: The first-stage alarm is activated when the pull-down lever is manually triggered; while the second-stage alarm is activated when the key switch is turned to 'On.'

The microcomputer-chip technology for the manual station has the capacity of storing — in memory — identification information; as well as important operating-status information. Models HMS-2S and HMS-SA have a second set of contacts to release equipment, such as magnetic door holders when the station is pulled.

Siemens Canada Limited — Fire Safety's innovative technology also allows all Model Models HMS-2S and HMS-SA Intelligent Manual Stations to be programmed via the Model DPU Programmer / Tester.

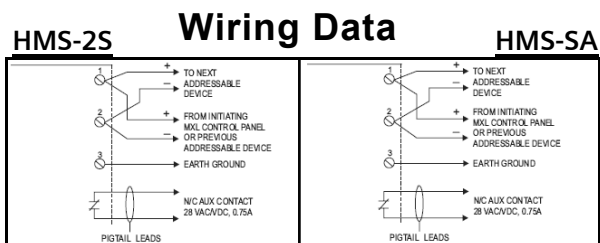
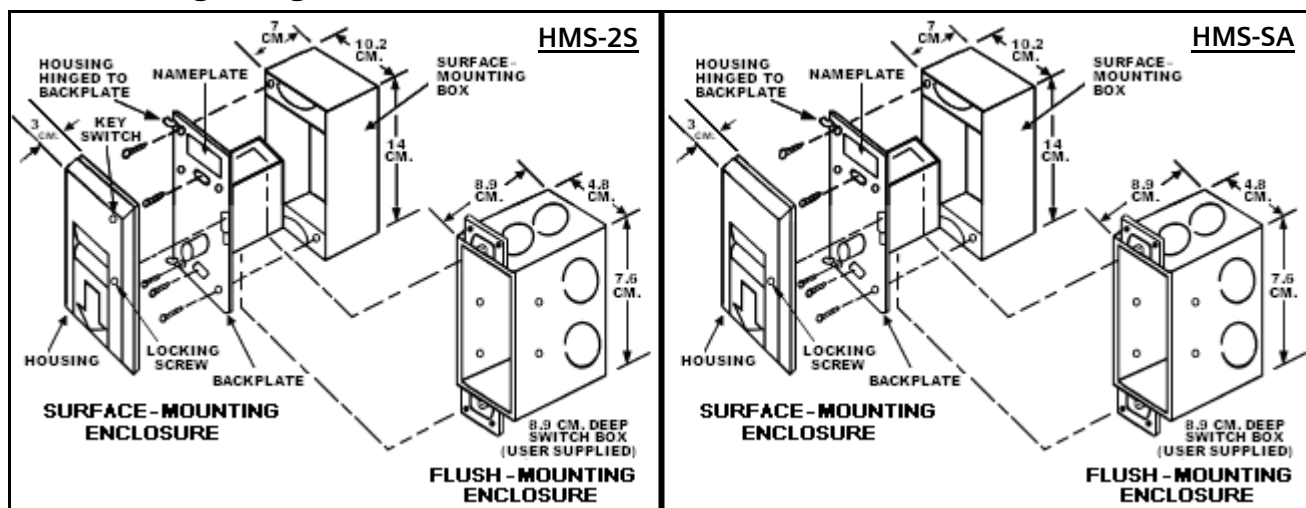
Specifications – (continued)

The Model DPU Programmer / Tester is a compact, portable and menu-driven accessory that makes programming and testing a manual station device 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.

Vibration, corrosion and other conditions, which can deteriorate mechanical-addressing mechanisms, are no longer a cause for concern because Model HMS-2S is fitted with screw terminals for connection to an addressable circuit. Model HMS-2S can either be surface or semi-flush mounted, and can operate with FireFinder XLS systems.

Models HMS-2S and HMS-SA Intelligent Manual Stations are Underwriters Laboratories of Canada Listed and are Factory Mutual (FM) Approved.

Mounting Diagrams



Details for Ordering

Model Number	Part Number	Description
HMS-2S	500-033460	Intelligent Manual Station (Two-Stage, Addressable Intelligent Manual Station)
HMS-SA	500-034150	Intelligent Manual Station (Single-Action Manual Station with auxiliary contacts)

Notes:

- Recommended wire sizes:
 - 18 AWG minimum, 14 AWG maximum
- Wire larger than 14 AWG can damage the connector.
- When using shielded cable without metal raceway or with nonmetallic raceway, the shields should be terminated at the device ground terminal. If the device box is already grounded by another means – such as being mounted to a grounded structure – then the wire shields should be continuous, and must be grounded solely at the point of origin.

[For example, at the control panel, the device ground terminal shall be connected to the grounded device box.]

- When using shielded cable with metal raceway, the wiring shields shall be continuous and grounded solely at the point of origin. The device ground terminal shall be connected to the grounded device box.
- When using metal raceway without shielded cable, connect the device ground terminal to the grounded device box.
- Metal raceway should be continuously grounded throughout the system.

Notice: This marketing catalog 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.