SIEMENS

Installation Instructions
Model HMS-M

Manual Pull Station with Metal Housing

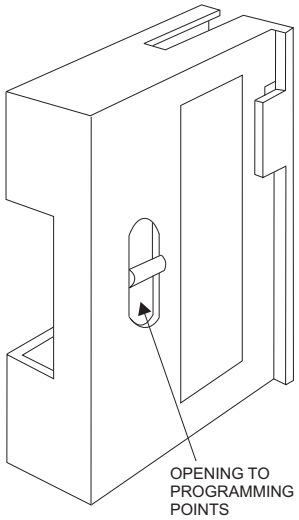

Figure 1
HMS-M Cover

INTRODUCTION

The Manual Station Model HMS-M from Siemens Industry, Inc., is a field installed addressable device containing advanced control panel communication technology. This technology, which provides two-direction communication with the control panel, produces an Intelligent Initiating Device. The HMS-M is a single action station; when used with the MS-FD Adapter, the HMS-M is a double action station.

PROGRAMMING INSTRUCTIONS

Refer to Figure 1 to locate the opening on the HMS cover that allows access to the programming holes which are on the HMS printed circuit board.

NOTE

The HMS-M must be in the Reset position in order for the unit to be programmed. If the PULL-DOWN lever has been even partially pulled down, the unit must be reset before it can be programmed.

The manual station is programmed by using the DPU Programmer/Tester. Because HMS devices are polarity insensitive, the programming plug can be inserted into the programming holes in either direction.

CAUTION

To prevent potential damage to the DPU DO NOT connect an HMS to the DPU until at least one wire is removed from terminals 1 or 2 of the HMS.

Follow the instructions in the DPU Manual (P/N 315-033260) to connect the cable provided and program the HMS to the desired address. Record the device address on the nameplate label located on the inside of the HMS-M manual station mounting plate. The HMS can now be installed and wired to the system.

OPERATION

The HMS-M manual station operates with the FireFinder-XLS or FS-250 Control Panels via the DLC or FS-DLC Device Loop Card.

When an alarm condition occurs, pull down on the *PULL DOWN* lever of the manual station. The pull-down cover remains down and locked until the station is reset.

The HMS-M with the MS-FD Adapter has an additional lever labeled *LIFT - PULL HANDLE* which must be lifted up before access is provided to the station *PULL DOWN* lever.

P/N 315-033450-6

Siemens Industry, Inc.
Building Technologies Division

WIRING

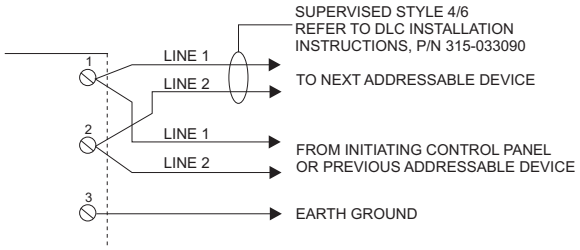

Figure 2
Wiring Information

NOTES:

1. Recommended wire sizes:
   18 AWG minimum, 14 AWG maximum
2. Wire larger than 14 AWG can damage the connector.
3. **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, the wire shields should be continuous and must be grounded solely at the point of origin; for example, at the control panel.
4. **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.
5. **When using metal raceway without shielded cable,** connect the device ground terminal to the grounded device box.
6. Metal raceway should be thoroughly grounded throughout the system.
7. In supervisory: HMS-M draws 1mA.
8. The HMS-M is a polarity insensitive device. Line 1 and Line 2 can be either line of the DLC or FS-DLC loop.

INSTALLATION

Distribute the manual station boxes throughout the protected area so that they are unobstructed, readily accessible, and located in the normal exit path. Place the manual station according to the regulations of the authorities having jurisdiction.

Surface Mounting

Mount the backplate to a Model MS-FB Backbox as shown in Figure 3.

Flush Mounting

Mount the backplate to a user supplied single gang switchbox as shown in Figure 3.

CAUTION

Do not overtighten the screws. Overtightening may distort the backplate.

To Reset Station

Turn lock barrel ¼ turn counter-clockwise with the allen key provided. This will allow the front to hinge down, releasing *PULL-DOWN* plate to disengage from the switch.

Return the front to its closed position, then turn the lock barrel back clockwise.

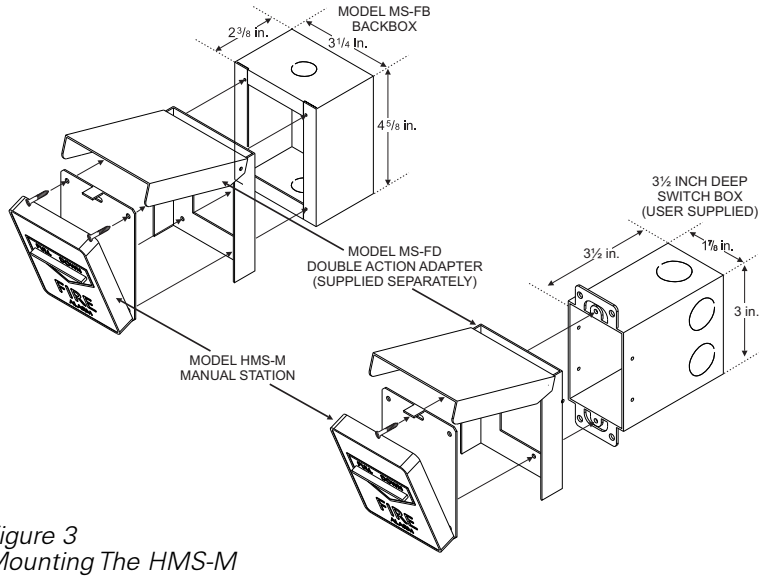

Figure 3
Mounting The HMS-M

ELECTRICAL RATINGS

DLC / FS-DLC Loop	
Max. Current	1mA

Siemens Industry, Inc.
Building Technologies Division
Florham Park, NJ

Siemens Building Technologies, Ltd.
Fire Safety & Security Products
2 Kenview Boulevard
Brampton, Ontario L6T 5E4 Canada

P/N 315-033450-6