

## Installation Instructions

### Models SMS-S

Single Action Manual Station

#### INTRODUCTION

The Model SMS-S Manual Station from Siemens Building Technologies, Inc. is an 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 SMS-S is single action.

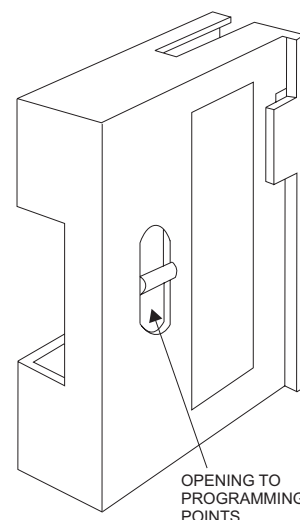


Figure 1  
SMS Cover

#### PROGRAMMING INSTRUCTIONS

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

To connect the SMS to the SDPU Programmer/Tester, insert the plug from the SDPU cable provided with the Programmer/Tester into the opening on the SMS as shown in Figure 2. Because SMS devices are polarity insensitive, the programming plug can be inserted into the programming holes in either direction.



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

Follow the instructions in the SDPU Manual (P/N 315-033260C) to program the SMS to the desired address. Record the device address on the label located on the SMS front panel. The SMS can now be installed and wired to the system.

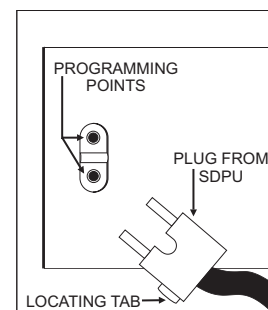


Figure 2  
Connecting the SDPU Plug

#### OPERATION

The SMS-S manual station operates with the FS-250C Control Panel via the FDLC Device Loop Card.

The SMS-S manual station housing has a pull down lever that locks in position after releasing a spring loaded switch. (See Figure 4.) To indicate the manual station is activated, the pull down lever remains down and locked until the station is physically reset.

The SMS-S is reset by opening the hinged housing cover with an Allen key and then closing and locking the cover.

## WIRING

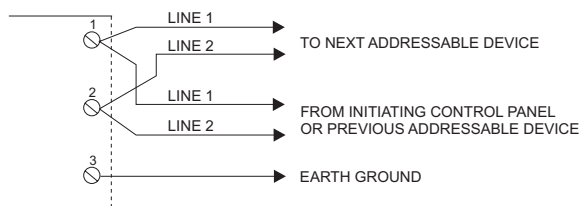


Figure 3  
Wiring Information

### 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. CX-2 Addressable Device Loop ratings:  
Voltage: 31V max.  
18V min. (pulsing)  
Current maximum: 1mA
8. The SMS-S is a polarity insensitive device. Line 1 and Line 2 can be either line of the FDLC or 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 MC-5 Backbox as shown in Figure 4.

### Flush Mounting

Mount the backplate to a user supplied single gang switchbox.



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

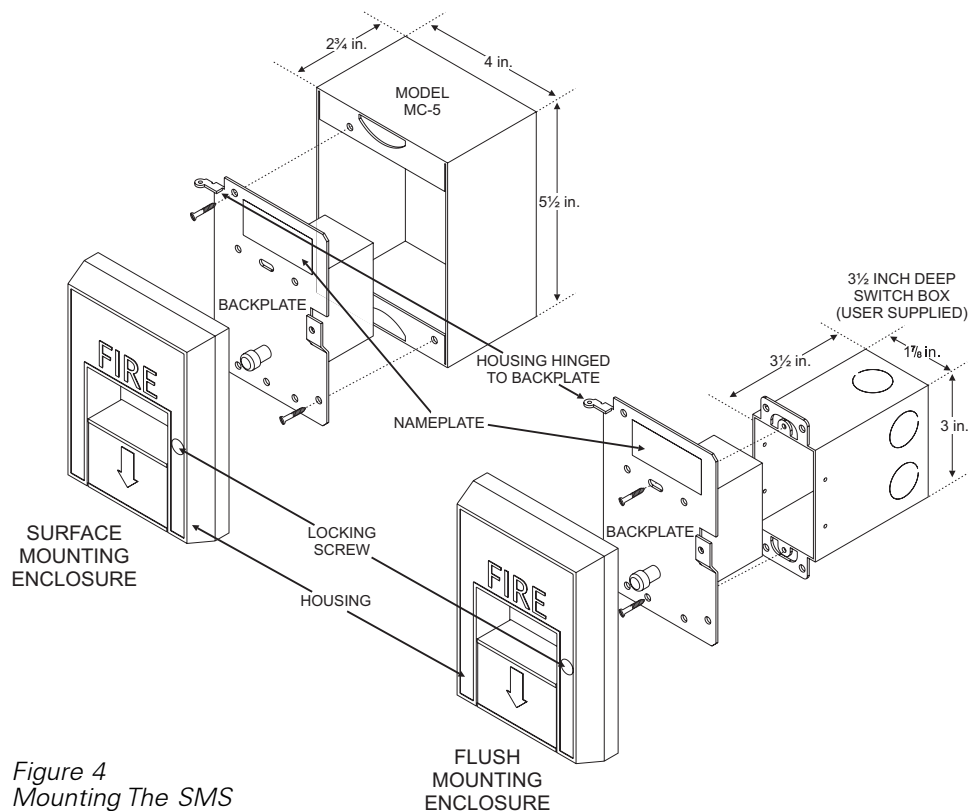


Figure 4  
Mounting The SMS

Siemens Building Technologies, Ltd.  
2185 Derry Road West  
Mississauga, Ontario L5N 7A6 Canada