






## Product Overview – (continued)

Model TRI-B6M is fully compatible on the same circuit with all intelligent Model IL and Model ID-60 Series detectors; Model MSI Series addressable manual stations, or any other addressable intelligent modules, such as Model CZM or Model ICP.

## Specifications

The Intelligent Interface Module (Model TRI-B6M) shall incorporate a custom, microprocessor-based integrated circuit that provides communication with its compatible control panel. Model TRI-B6M shall be a Siemens – Fire Safety module that shall be compatible with FireFinder XLS or MXL FACP.

Model TRI-B6M shall provide the means of interfacing direct shorting devices to the addressable circuits, and shall report the contact's status to the FireFinder XLS or MXL FACP.


Model TRI-B6M shall be UL and ULC Listed, and Model TRI-series devices shall be listed and have the capability of interfacing normally closed (NC) security switches to the FireFinder XLS or MXL FACP, per UL 1076.

The addressable interface module shall be dynamically supervised and uniquely identifiable by the control panel.

The addressable interface module's address shall be programmed with the use of a portable-programming accessory. The portable-programming accessory shall be a Siemens – Fire Safety Programmer / Tester (FPI-32 upgrade kit). The portable-programming accessory shall be menu driven – once the desired address is entered, the programmer shall set and verify the address. The programming accessory shall also be capable for testing the functionality of Model TRI-B6M. The addressable interface module's address shall only be set by electronic means. No mechanical means such as programming pins, DIP switches or rotary dials shall be required.

Model TRI-B6M shall be compatible on the same circuit with other intelligent Model IL and Model ID-60 Series detectors; Model TRI Series addressable interfaces; Model MSI Series addressable manual stations, or any other addressable intelligent modules, such as Model CZM or Model ICP.

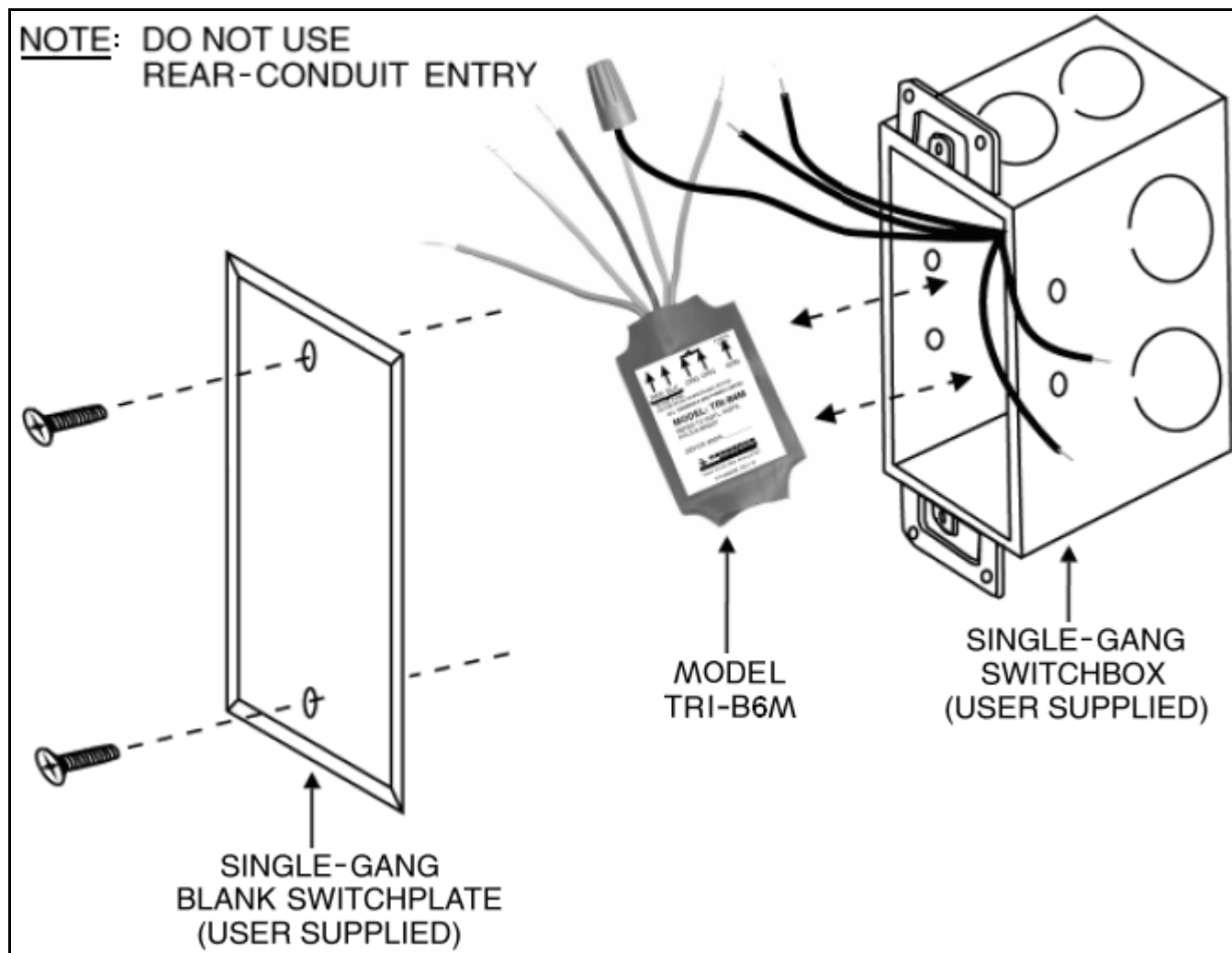
## Temperature and Humidity Range

Model TRI-B6M is UL 864 9th Edition Listed for indoor dry locations within a temperature range of 120+/-3°F (49+/-2°C) to 32+/-3°F (0+/-2°C) and a relative-humidity range of 93+/-2% at a temperature of 90+/-3°F (32+/-2°C).

## Details for Ordering

Model Number	Part Number	Description	Shipping Weight	
			Oz.	Kg.
TRI-B6M	500-894546	Single-Input Intelligent Interface Module [B6 Chip]	3.5	0.1
TRI-B6MC	500-894993	Single-Input Intelligent Interface Module [B6 Chip] – Canada	3.5	0.1

## Mounting Diagram



## Security-Point Installation

**⚠ WARNING: CIRCUITS INTENDED FOR 24-HOUR ALARM MONITORING ONLY.**

UL 1076 requires a Model HTSW-1 tamper switch and a Model TSP-40A printer. A *Communication Failure* command that is triggered with a Model TRI Series device configured for a *Security* prompt will result in the *Security Alarm* and *Communication Trouble* commands to activate.

When installing a Model TRI Series device in the Zeus programming tool, or into Model CSG-M, be sure to set the device usage to the *Security* command. When setting the device address using the FPI-32 upgrade kit, select the normally closed (NC) alarm-causing input.

Connect only one (1) switch per Model TRI Series input.

**Note:** As part of the normal installation practice, each Model TRI Series device must be functionally tested, including testing the supervision through the end-of-line resistor.

Here are the sequential steps required for each Model TRI Series device installation:

1. Open the end-of-line resistor.
2. Check that the system annunciates the programmed trouble message.
3. Return the resistor to its proper connection.
4. Change the state of the switch to confirm that the system's programmed response is executed.
5. Return the switch to the *normal* state.

