

Installation Instructions


IMPORTANT: Read these instructions completely before attempting to install the accessory remote keyed attenuator.

SAFETY CONSIDERATIONS

Installation and servicing of air-conditioning equipment can be hazardous due to system pressure and electrical components. Only trained and qualified service personnel should install, repair, or service air-conditioning equipment.

Untrained personnel can perform the basic maintenance functions. All other operations should be performed by trained service personnel. When working on air-conditioning equipment, observe precautions in the literature, tags and labels attached to the unit, and other safety precautions that may apply.

Follow all safety codes. Wear safety glasses and work gloves.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING, and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which **will** result in severe personal injury or death. WARNING signifies a hazard which **could** result in personal injury or death. CAUTION is used to identify unsafe practices which **may** result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which **will** result in enhanced installation, reliability, or operation.

GENERAL

The SD-TRK4 Remote Test/Reset Station is used with the SuperDuct™ four-wire duct smoke detector. Each remote test/reset station provides a green LED to indicate power, a red LED to indicate alarms, and a yellow LED to indicate trouble and detector dirty levels. The SD-TRK4 requires a key to activate test and reset functions. (See Fig. 1.)

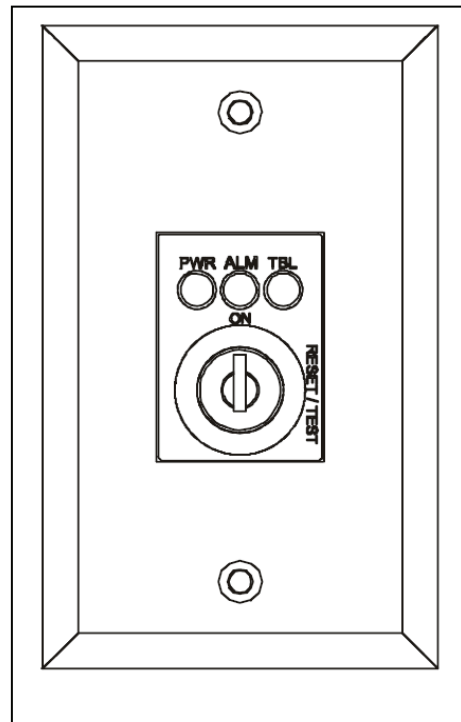


Fig. 1 - SD-TRK4

C09364

SPECIFICATIONS

Compatible Electrical Boxes	North American 1-gang box
	Standard 4-in square box, 1-1/2-in deep with 1-gang cover
LED Indicators	Alarm (red) Trouble (green) Power (yellow)
LED Type	Clear lens
Wire Size	14 to 22 AWG
Resistance Per Wire	10Ω , max
Operating Current	Same as controller specification
Operating Voltages	24 Vdc, 24V at 50/60 Hz 120 V at 50/60 Hz 220/240 V at 50/60 Hz
Compatible Detectors	SuperDuct four-wire smoke detectors
Operating Environment	
Temperature	32° – 131°F (0° – 55°C)
Humidity	93% RH, non-condensing
Storage Temperature	-20° to 60°C (-4° to 140°F)

REMOTE TEST/RESET STATION TESTS

Test/reset station alarm test using the SuperDuct Four-Wire Smoke Detector

The test/reset station alarm test checks a test/reset station's ability to initiate and indicate an alarm state.

⚠ CAUTION

ALARM SYSTEM ACTIVATION HAZARD

Failure to follow this caution may result in emergency alarm system activation and possible fines.

This test places the duct detector into the alarm state. Unless it is desired as part of the test, disconnect all auxiliary equipment from the controller before performing the test. If the duct detector is connected to a fire alarm system, notify the proper authorities before performing the test.

To perform the alarm test using an SD-TRK4:

1. Turn the key switch to the RESET/TEST position for seven seconds.
2. Verify that the test/reset station's Alarm LED turns on.
3. After performing an alarm test using an SD-TRK4, reset the sensor by turning the key switch to the RESET/TEST position for two seconds.
4. Verify that the test/reset station's Alarm LED turns off.

INSTALLATION

Mount the remote test/reset station on a single gang box as shown in Fig. 2.

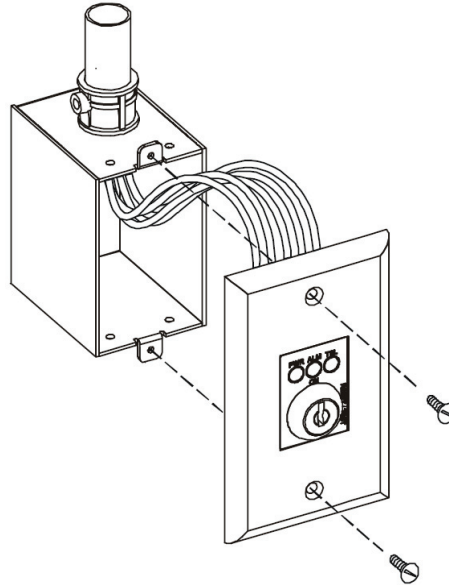


Fig. 2 - SD-TRK4 Installation Diagram

C09365

WIRING

Wire the remote test/reset station to the four-wire controller as shown in Fig. 3.

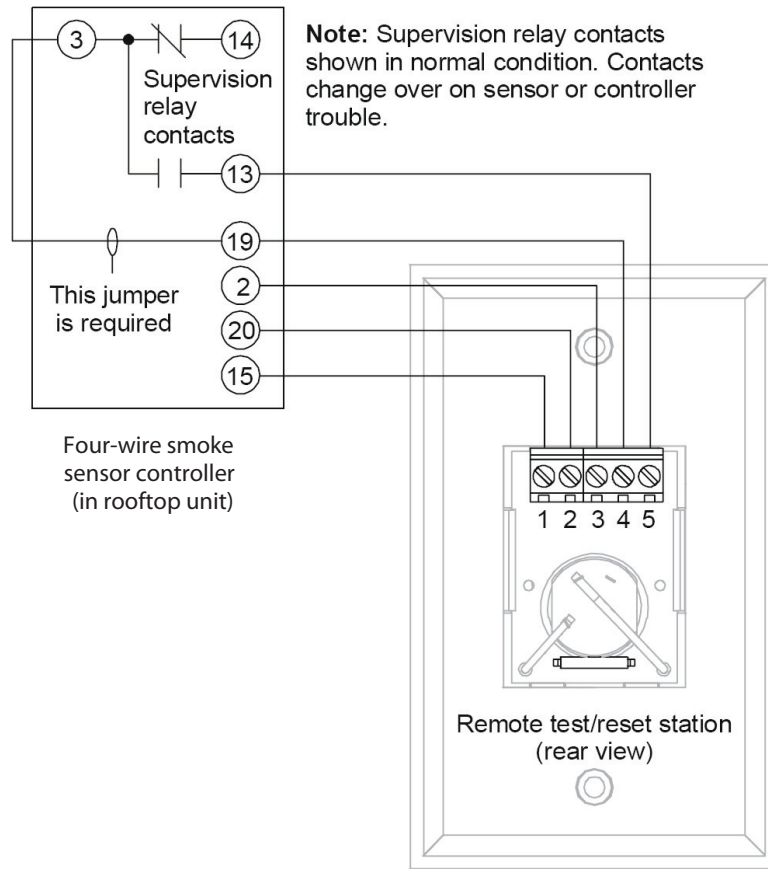


Fig. 3 - SD-TRK4 Wiring Diagram

C09366