

MS-AIS Alarm Initiating Micro-switch Kit

The Buckeye **Model** MS-AIS Alarm Initiating Switch allows the connection of an alarm initiating circuit as per NFPA 72 "National Fire Alarm Code". This switch is to be field installed by trained Buckeye Certified distributors. The kit consists of the following:

- (1) - Alarm Initiating Switch Assembly – Rated 50mA 28VDC
- (1) – Insulating Spacer
- (2) – Mounting Screws and lockwashers (4-40 x 3/4" LG)
- (1) – Instruction Sheet

CAUTION: Before working on any electrical wiring, make certain main power has been disconnected. Failure to disconnect main power could cause equipment damage, personal injury or death if contact is made with energized wires.

Installation of MS-AIS Alarm Initiating Switch (Refer to Illustrations)

If installing on an existing SRM or SRM-D already in service, remove the cover plate of the SRM or SRM-D and unscrew the actuation cartridge. It is recommended that the Keeper Safety Pin(s) be inserted to prevent the SRM from actuating while working on the control head.

Before installing the **Model** MS-AIS Alarm Initiating Switch into the SRM or SRM-D, feed the wire leads through the bottom left side knock-out and connect the wire leads as shown in Figure 3. See NFPA 72 "National Fire Alarm Code," Initiating Devices section, for the correct method of wiring connection to the fire alarm panel.

Placing the Insulating Spacer between the switch and the Mounting Manifold as shown, align with the two 4-40 threaded holes in the front of the manifold mounting block. With the actuator lever in the SET position, the MS-AIS Alarm Initiating Switch lever must be depressed and positioned against the actuator lever pin. Using the two 4-40 x 3/4" screws and lock washers provided in the kit, the switch is mounted to the front of the manifold mounting block.

NOTE: This switch is installed so that the switch lever is actuated with the Actuation Lever in the **SET** position. When the SRM is **FIRED**, this switch will be in normal position.

Once the micro-switches have been installed and tested, remove the Keeper Safety Pin(s) and screw the actuation cartridge back into the manifold mounting block. Attach and secure the cover plate back onto the control head.

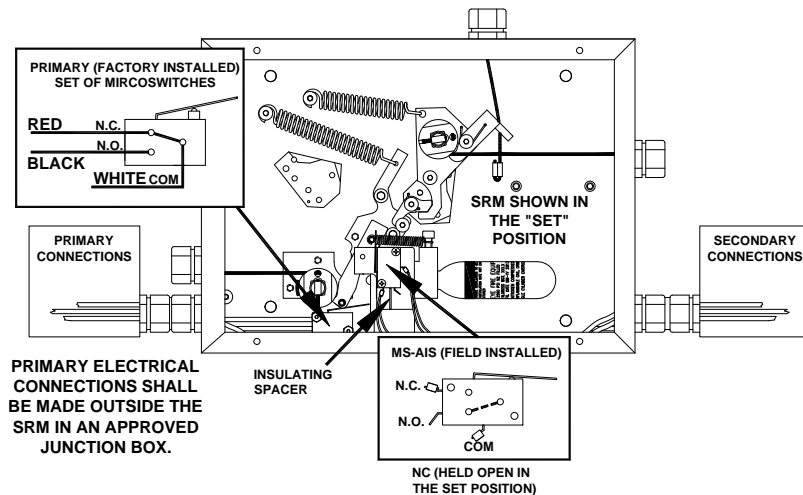


Figure 1

Systems Releasing Module in the SET Position with MS-AIS installed

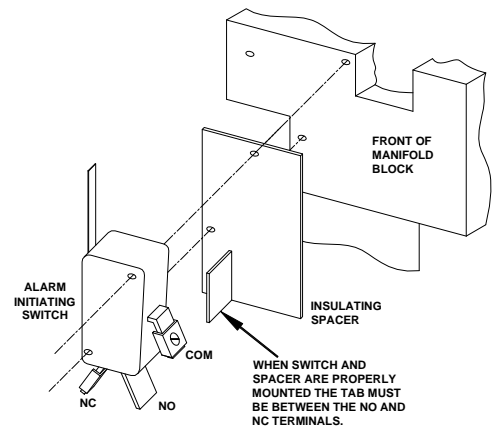


Figure 2

Installing Model MS-AIS

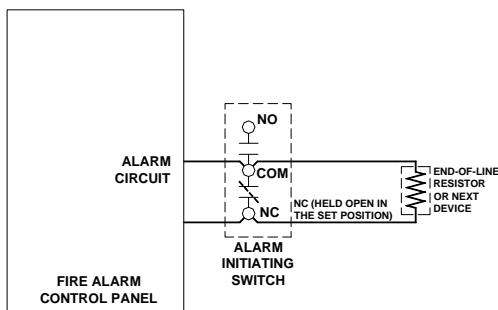


Figure 3

Model MS-AIS Wiring Schematic

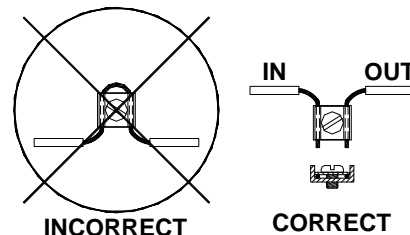


Figure 4

Correct Wiring Method