



AX Series

INTELLIGENT SWITCH MONITORS



Switch Monitor

Unique Features:

- Compact Size
- Class “A” (Style D) or Class “B” (Style B) Wiring
- Flexible Device Type Programming
- Optional Priority Interrupt

Description:

Available in various configurations, compact package (mini), 4” electrical box mount and with or without priority interrupt, the **AX Series** Intelligent Monitor Modules from Advanced Fire Systems offer *unique* fire alarm industry features that simplify installations and provide the *superior flexibility*.

Designed for installation on Advanced Fire Systems **AX Series** SLC (signaling line circuit), each Intelligent Monitor Module provides an addressable interface for a single contact device or group of contact devices connected via an initiating device circuit (IDC). With the flexibility of Advanced Fire Systems’ **AX Series** Intelligent Fire Alarm Control Panel, contact devices can be normally open (N.O.) or normally closed (N.C.) dry contacts. Contact devices range from heat detectors, linear heat detectors, 4-wire conventional smoke detectors, waterflow switches, tamper switches, manual pull stations, switch input points for control, etc.



Mini Switch Monitor

Features:

- UL Listed
- 8 Position Addressable DIP Switch
- Integral Status LED
- 4” or 2-Gang Electrical Box Mounting
- Durable Construction

AX-MSWM Mini Switch Monitor (55000-831ADV)

Designed with flying leads for field wiring, the AX-MSWM Mini Switch Monitor can either fit inside the device being monitored, or can be placed in an electrical box in the vicinity of the device being monitored. Based on installation requirements, the Mini Switch Monitor’s initiating device circuit (IDC) is capable of being wired Class “A” (Style D) or Class “B” (Style B) to the monitored contact device(s). An integral eight position programming DIP switch must be set for device addressing and wiring classification definition. Each AX-MSWM Mini Switch Monitor incorporates a red status LED which illuminates steady during active condition. Mini Switch Monitor’s can monitor any number of contact devices, however it is recommended not to mix alarm, supervisory, or security contacts on the same monitoring module circuit.

Mini AX-MSWMP Mini Priority Switch Monitor (55000-830ADV)

The AX-MSWMP Mini Priority Switch Monitor is identical to the AX-MSWM Mini Switch Monitor with the exception of a priority interrupt feature. The priority interrupt provides the fastest response possible to the **AX Series** Intelligent Fire Alarm Control Panel(s). When the priority interrupt device is in an active state, the monitor’s priority interrupt bypasses the normal **AX Series** SLC communications process, and immediately allows the device to communicate with the **AX Series** Intelligent Fire Alarm Control Panel(s). The Mini Priority Switch Monitor is utilized to monitor highly critical contact devices such as manual pull stations.



Product Data Sheet

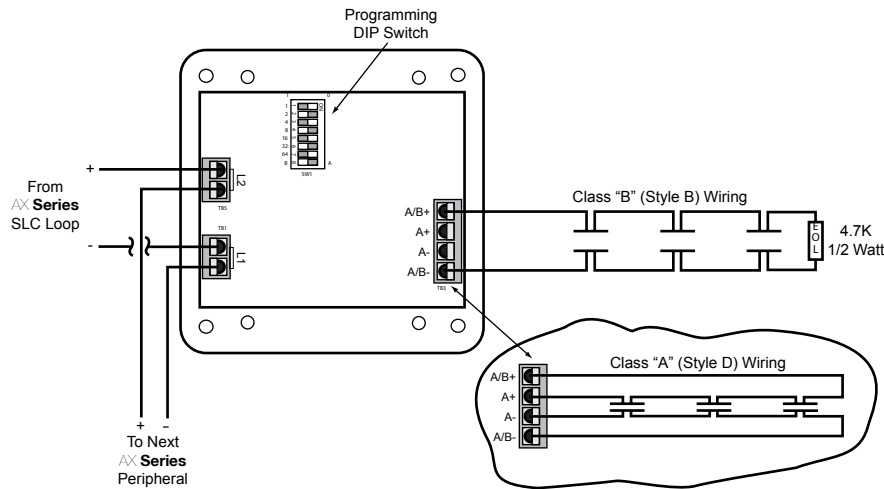
AX-SWM Switch Monitor (55000-805ADV)

AX-SWM Switch Monitor is designed to mount to the front of a 4" square or 2-gang electrical box. Based on installation requirements, the Switch Monitor's initiating device circuit (IDC) is capable of being wired Class "A" (Style D) or Class "B" (Style B) to the monitored contact device(s). An integral eight position programming DIP switch provides programming of device address and wiring classification definition. Each AX-SWM Switch Monitor incorporates a red status LED which illuminates steady during active condition. Switch Monitor's can monitor any number of contact devices, however it is recommended not to mix alarm, supervisory, or security contacts on the same monitoring module circuit.

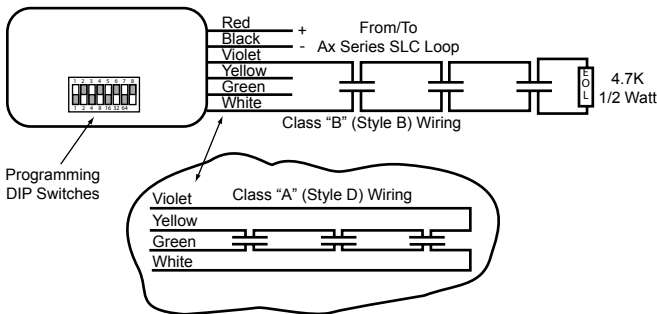
AX-SWMP Priority Switch Monitor (55000-806ADV)

The AX-SWMP Priority Monitor is identical to the AX-SWM Switch Monitor with the exception of a priority interrupt feature. The priority interrupt provides the fastest response possible to the AX Series Intelligent Fire Alarm Control Panel(s). When the priority interrupt device is in an active state, the monitor's priority interrupt bypasses the normal AX Series SLC communications process, and immediately allows the device to communicate with the AX Series Intelligent Fire Alarm Control Panel(s). The Priority Switch Monitor is utilized to monitor highly critical contact devices such as manual pull stations.

Switch Monitor (55000-805ADV, -806ADV)



Mini Switch Monitor (55000-831ADV, -830ADV)



Intelligent Switch Monitor Specifications

Voltage	17-28 VDC, w/Communication Pulses 5-9 VDC
Operating Current	(55000-805ADV, -806ADV, -831ADV, -830ADV)
Quiescent	0.6 mA
Alarm	0.6 mA
w/LED	5.6 mA
Line Impedance	100 Ω
End-of-Line Resistor	47 KΩ, 0.5 Watt (Class "B" only)
Wiring	
Mini Switch Monitor (55000-831ADV, -830ADV)	Wire Leads (18 AWG, 6" Long)
Switch Monitor (55000-805ADV, -806ADV)	Screw In-Out Terminals
Mounting	
Mini Switch Monitor (55000-831ADV, -830ADV)	Inside Electrical Box Mount
Switch Monitor (55000-805ADV, -806ADV)	4" Square or 2-Gang Electrical Box
Dimensions (Diameter & Height)	
Mini Switch Monitor (55000-831ADV, -830ADV)	3"W x 2"H x 3/4"D
Switch Monitor (55000-805ADV, -806ADV)	4 1/2"W x 4 1/2"H x 1"D
Weight	
Mini Switch Monitor (55000-831ADV, -830ADV)	1.5 oz
Switch Monitor (55000-805ADV, -806ADV)	3 oz
Operating Temperature	32°-120° F (0°-49° C)
Humidity	10-93% (non-condensing)

Ordering Information

55000-831ADV	AX-MSWM, Mini Switch Monitor
55000-830ADV	AX-MSWP, Mini Priority Switch Monitor
55000-805ADV	AX-SWM, Switch Monitor
55000-806ADV	AX-SWMP, Priority Switch Monitor



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