Advanced

Axis AX

Intelligent Switch Monitors - obsolete

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

Designed for installation on Advanced Axis 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 the Advanced Axis AX Series Intelligent Fire Alarm Control Panels, 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, water flow switches, tamper switches, manual pull stations, switch input points for control, etc.

Mini Switch Monitor (55000-831AEL) Designed with flying leads for field wiring, the 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 or 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 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 Priority Switch Monitor (55000-830AEL) The Mini Priority Switch Monitor is identical to the Mini Switch Monitor with the exception of a priority interrupt feature. The priority interrupt provides the fastest response possible to the Axis 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 Axis AX Series SLC communications process, and immediately allows the device to communicate with the Axis 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.



Features

- Compact Size
- Class A or B Wiring
- Flexible Device Type Programming
- Optional Priority Interrupt
- Cost-Effective & Trouble-Free Installation
- 8 Position DIP Switch Addressing
- Integral Status LED
- 4” or 2 Gang Electrical Box Mounting
- Durable Construction

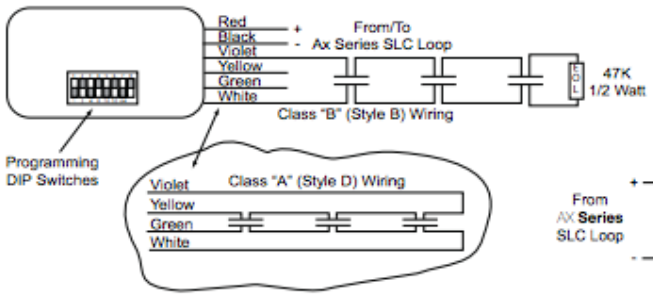
Listings and Approvals

- ETL ANSI/UL 864 Listed: 101564744NYM-001
- UL Listed UOXX.S7003 / ML file: S24460
- CSFM Approved: 7300-1713:108
- NYC MEA: 294-95-E

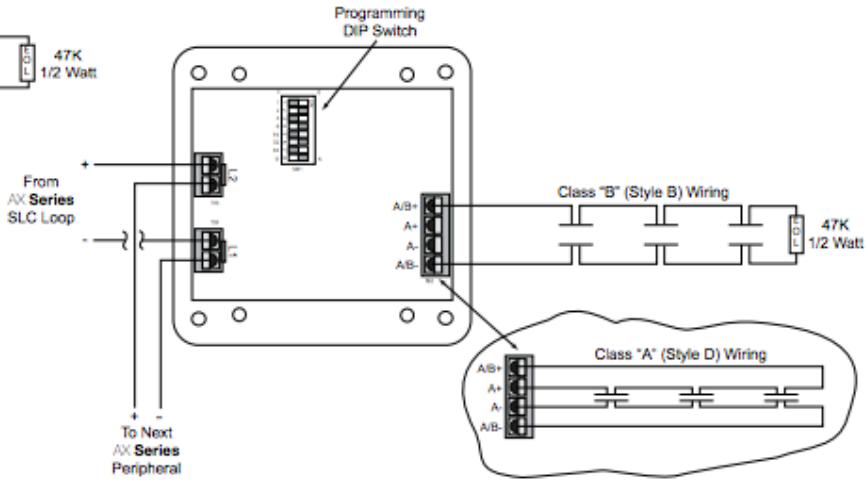
Switch Monitor (55000-805AEL) The Switch Monitor is designed to mount to the front of a 4” square or 2-gang electrical box. Based on installation requirements, the Switch Monitor’s initiating device circuit (IDC) is capable of being wired Class A or Class B to the monitored contact device(s). An integral eight position programming DIP switch provides programming of device address and wiring classification definition. Each 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.

Priority Switch Monitor (55000-806AEL), The Priority Monitor, is identical to the Switch Monitor with the exception of a priority interrupt feature. The priority interrupt provides the fastest response possible to the Axis 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 Axis AX Series SLC communications process, and immediately allows the device to communicate with the Axis 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.

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



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



Specification

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

Order Codes and Options

55000-831AEL	Mini Switch Monitor
55000-830AEL	Mini Priority Switch Monitor
55000-805AEL	Switch Monitor
55000-806AEL	Priority Switch Monitor

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.