Switch LED Module

Providing superior flexibility and customization, the Switch LED Module (AX-ASW-16) provides full control and annunciation of any individual input, output, zone, or group of devices on an Axis AX Intelligent Fire Alarm Control Panel or Ad-NeT-PluS network. The level of annunciation and control is totally controlled by the system programming and installation requirements.

To meet this level of flexibility, the AX-ASW-16 is a freely programmable I/O module, providing 16 switches and 48 LEDs. Switches and LEDs can be programmed as a set or independently, based on user requirements.

The AX-ASW-16 is easily configurable utilizing the Advanced PC-NeT field configuration tool, which works in a Windows environment. Switches can be programmed to bypass (disable/enable) points, zones, and/or groups. They can also be programmed to turn On/Off relay points, NAC circuits, city connections, or they can be configured for post fire purge control. When interfacing to an Advanced audio system; controls can be configured for All Call, All Evac, All Alert, Select Zone/Area Paging, individual message selection, firefighter telephone selection, and much more.

LEDs are programmable for a number of status indications of points, zones and/or groups within the system, including alarm, supervisory, trouble, switch active, relay active, etc. In addition, LEDs can be programmed for primary and secondary status events, along with flash rates based on last known status/event (i.e: off, on steady, 1/2 second flash or 1 second flash).

Up to 16 AX-ASW-16 modules can be connected to an Axis AX Intelligent Fire Alarm Control Panel, providing 256 switches and 768 LEDs. Switches and LEDs can be assigned to a single host Axis AX Intelligent Fire Alarm Control Panel or can be transmitted over the Advanced Ad-NeT-PluS peer-to-peer network to other network nodes (FACPs). In addition, other Axis AX Intelligent Fire Alarm Control Panels on the network can have their own set of AX-ASW-16 modules.
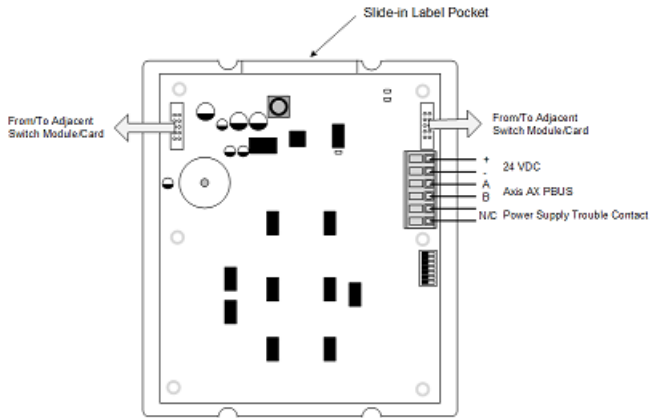

Features

- Compact, Attractive Appearance
- Freely Programmable I/O Module
- 16 Switches and 48 LEDs
- Simplistic Post Fire Purge Control Programming
- Communicates via Advanced PBUS
- Axis AX FACP PBUS Supports up to 16 Modules
- Simple DIP Switch Addressing
- Programmable Mass Notification Functionality
- Easy Local Panel or Remote Installation/Configuration
- Supervised External Trouble Input
- Configurable On-Board Piezo (Buzzer)
- Multi-Module Daisy Chaining

Listings and Approvals

- ETL ANSI/UL 864 Listed: 101564744NYM-001
- CSFM Approved: 7165-1713:0101
- NYCFD COA #6105A2

Wiring Diagram

Specification

Input Voltage (DC)	24 VDC (Operating range 18-28 VDC)
Operating Current 　Quiescent 　Alarm 　　All LEDs Active (On) 　　One LED (Approximate)	 15 mA 53 mA 0.8 mA
Switches	16 Programmable Switches 　Push Button 　Toggle 　Latch/Non-Latch
LED Indicators	48 LEDs 　16 Green 　16 Yellow 　16 Red
External Monitoring Input	Supervised Closed Contact
Piezo (Buzzer)	Field Configurable On/Off, Pulse/Steady
Screw Terminals	12 - 24 AWG
Daisy Chain Headers	10-Way IDC Ribbon Connector for Multi-Module Interconnect

Ordering Information

AX-ASW-16	Switch LED Module