Axis AX

LED Modules

The Advanced LED Modules consist of three (3) different types of modules that provide excellent system annunciation and flexibility. Each module is fully compatible with Axis AX fire alarm control panels, “V” series integrated audio panels and Axis AX command centre panels. Each Axis AX panel can support up to sixteen (16) Axis AX Switch LED Modules in any combination.

The three (3) different types of LED Modules are the AX-LED16RY, AX-LED32R, and AX-LED32Y.

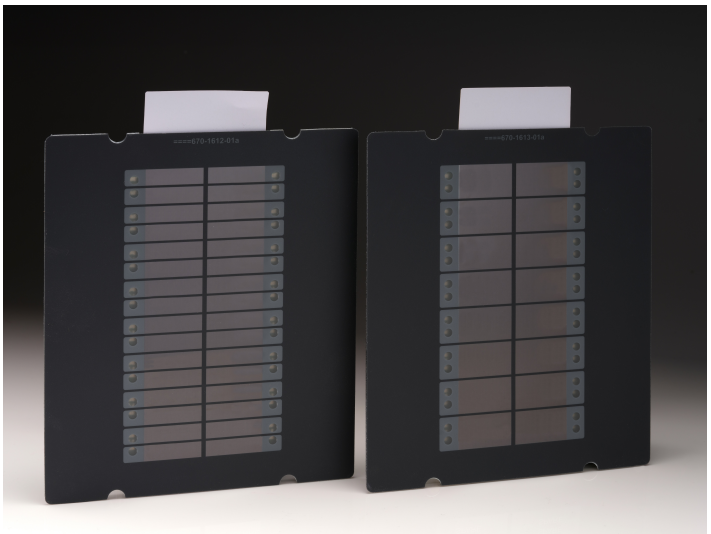
The AX-LED16RY consists of sixteen (16) red and sixteen (16) yellow LEDs. These are typically used to annunciate the alarm and trouble status of up to 16 individual zones or areas.

The AX-LED32R consists of thirty-two (32) red LEDs. These are typically used to annunciate the alarm status of up to 32 zones or areas.

The AX-LED32Y consists of thirty-two (32) yellow LEDs. These are typically used to annunciate the trouble of up to 32 zones or areas

In addition to the above-mentioned zone or area annunciation, each LED can be mapped or assigned to any system function in support of fire alarm, system status, non-fire conditions, warnings or mass notification events. Each LED can also be further programmed for primary and secondary functions with flash rates based on last known status/event (off, on steady, 1/2 second flash or 1-second flash).

LED modules can be installed in any available single aperture location of an Axis AX Series Intelligent Fire Alarm Control Panel, “V” Series Integrated Audio Panel or Axis AX Command Center Panel. Also, LED Modules can be mounted remotely from the main fire alarm control panel in one of the Advanced, attractive remote annunciation enclosures (AX-LZA-CAB1, AX-LZA-CAB2 or within a large selection of AX-LOC enclosures).



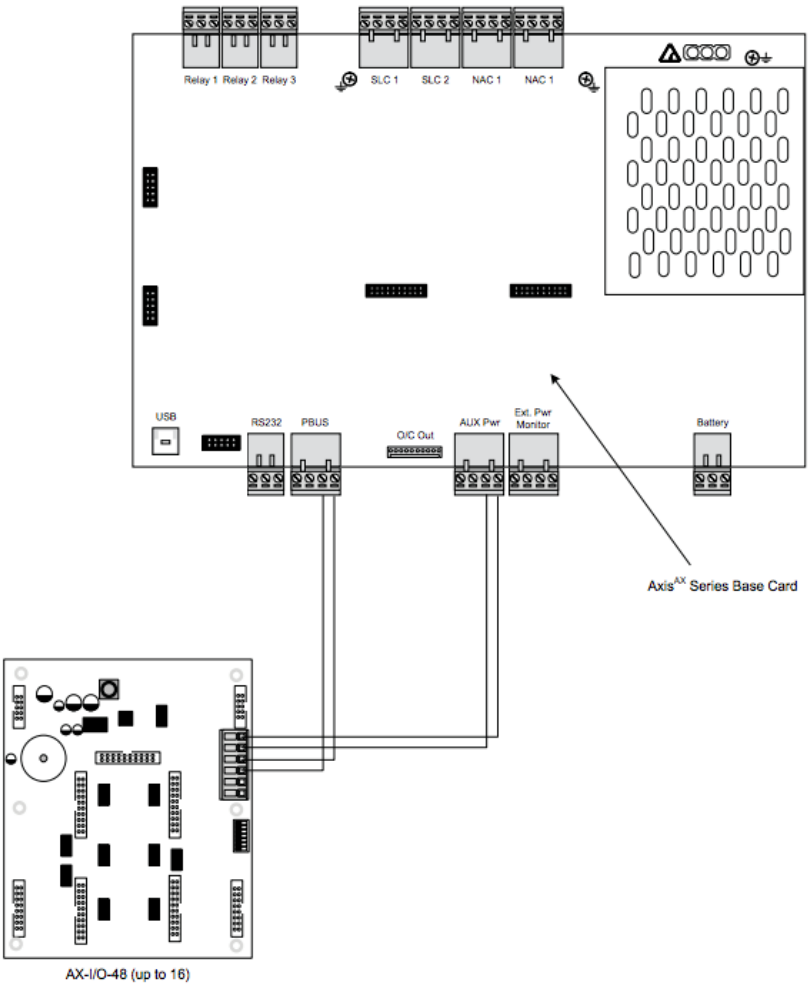
Features

- Compact, Attractive Appearance
- Freely Programmable LEDs
- Up to 16 Modules per Axis AX FACP
- Field Programmable with PC-NeT Tool
- Communicates via PBUS (RS-485 Network)
- Local Axis AX FACP or Remote Mounting Options
- Simple DIP Switch Addressing
- Large Customer Slide-in Label Area
- Supervised External Trouble Input
- Configurable On-Board Piezo (Buzzer)
- Multi-Module Daisy Chaining

Listings and Approvals

- Certified to UL864 10th Edition – File No. S35979
- CSFM Approved: Pending
- NYCFD COA: Pending

Wiring Diagram



Specification

Input Voltage (DC)	24 VDC (Operating range 18-28 VDC)
Operating Current Quiescent Active All LEDs Active (on) One LED (approximate)	 14 mA 55 mA 0.8 mA
LED Indicators AX-LED16RY AX-LED32R AX-LED32Y	 16 Red and 16 Yellow 32 Red 32 Yellow
External Monitoring Input	Supervised Closed Contact (N/C)
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

Order Codes and Options

AX-LED16RY	LED Module Incorporating 16 Red and 16 Yellow LEDs
AX-LED32R	LED Module Incorporating 32 Red LEDs
AX-LED32Y	LED Module Incorporating 32 Yellow LEDs
AX-LZA-CAB1*	Local Zone Annunciator Cabinet - Single Aperture module
AX-LZA-CAB2*	Local Zone Annunciator Cabinet - 2 x Single Aperture modules
AX-LZA-CAB4*	Local Zone Annunciator Cabinet - 4 x Single Aperture modules

* For the gray enclosure, add the suffix “G” to the part number.

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