

Switch/LED Driver Module

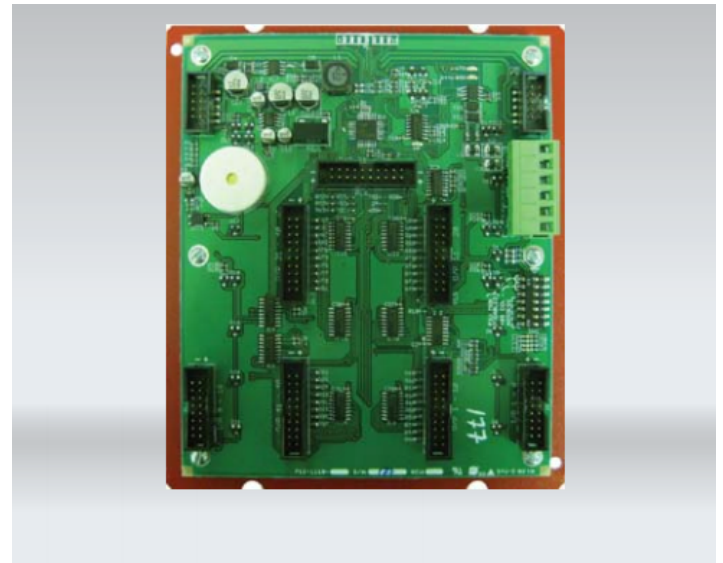
Providing superior flexibility and customization, the Switch/LED Driver Module (AX-I/O-48) provides full control and annunciation of any individual input, output, zone, or group of devices on an Axis AX Series Intelligent Fire Alarm Control Panel or Axis AX Series network. The level of annunciation and control is totally controlled by the system programming and the installation requirements.

To meet this level of flexibility, the AX-I/O-48 is a freely programmable I/O module, providing 16 switch inputs and 48 LED driver outputs. Switch inputs and LED driver outputs can be completely field programmable based on user requirements.

The AX-I/O-48 is easily configurable utilizing the Advanced PC-NeT field configuration tool, which works in a Windows environment. Switch inputs 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 to provide complete HOA (Hand-Off-Auto) control functionality. When interfacing to Listed annunciators each I/O can be configured based on annunciator requirements.

LED driver outputs 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, LED driver outputs 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-I/O-48 modules can be connected to an Axis AX Series Intelligent Fire Alarm Control Panel, providing 256 switch inputs and 768 LED driver outputs. Switch inputs and LED driver outputs can be assigned to a single Axis AX Series Intelligent Fire Alarm Control Panel or can be transmitted over the Advanced Ad-NeT-PluS peer-to-peer network to other network nodes (FACPs). Also, other Axis AX Series Intelligent Fire Alarm Control Panels on the network can have their own set of AX-I/O-48 modules.



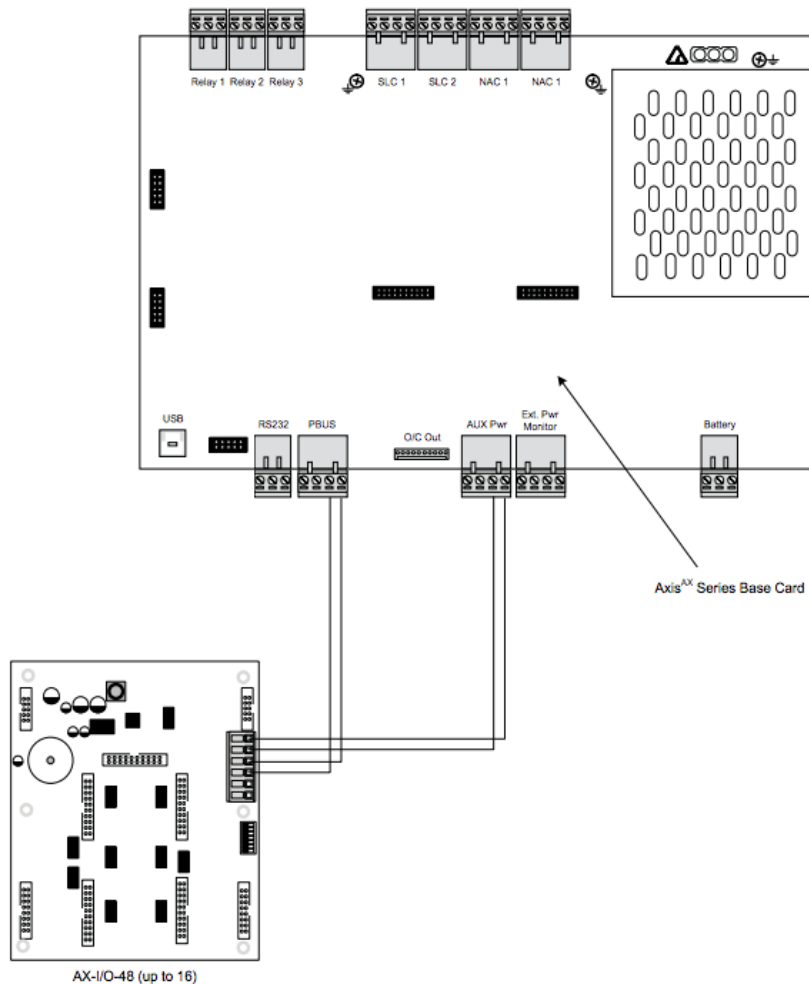
Features

- Ideal for Interfacing to Custom Graphic Annunciators
- Freely Programmable Driver Module
- 16 Switch Inputs and 48 LED Driver Outputs
- Field Programmable with PC-NeT Tool
- Communicates via PBUS (RS-485 Network)
- Adaptable to many Listed Annunciators
- Each Axis AX FACP Supports up to 16 Modules
- Compact, Attractive Appearance
- Simple DIP Switch Addressing
- Can be Installed Remotely from Axis AX FACP
- 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
- NYC FD COA #6105

Wiring Diagram



Specification

| | |
|---------------------------|---|
| Input Voltage (DC) | 24 VDC (Operating range 18-28 VDC) |
| Operating Current | 11mA – All Driver Outputs Off |
| Quiescent | 50mA – All Driver Outputs Active |
| Alarm | .1042mA |
| One Drive Output Active | |
| Switches | 16 Programmable Switch Inputs |
| LED Driver Outputs | 48 |
| 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 |

Order Codes and Options

| | |
|-----------|--------------------------|
| AX-I/O-48 | Switch/LED Driver Module |
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