

Axis^{AX}

Intelligent NAC Module

Advanced Intelligent NAC Module is an addressable module for use with the Axis AX Series Intelligent Fire Alarm Control Panel's SLC Loops. Each module incorporates an independent, individually programmable, notification appliance circuit (NAC), providing cost-effective solutions in areas requiring multiple notification appliance circuits. Each NAC module allows switching of an external power supply, such as a 24 VDC regulated power source or audio amplifier to a group of notification appliances.

The notification appliance circuit can be wired either Class A or B. Each module also supervises the wiring for opens, shorts and grounds and reports this status back to the intelligent fire alarm control panel. Typical input power to the NAC module would be from the main FACP, a power supply booster or an amplifier.

To increase the already rapid response activation, each module can be set to a group address, allowing all NAC modules assigned to a common group address to be activate from a single command poll from the intelligent fire alarm control panel.

An eight position programming DIP switch is provided on each NAC module for NAC circuit addressing and wiring classification definition. An additional four position programming DIP switch is provided for group addressing. The NAC module mounts to the front of a standard 4" square or 2-gang electrical outlet box. Displayed on the front of each module is a single red status LED that flashes when the module is polled.

Compatible with the Axis AX Series Dynamix I/O relationship programming, the NAC module can be individually assigned to activate from any input zone or address. In addition, the NAC module can be programmed with various output relationships, timing functions, gated functions, etc. to perform project specific control operations.



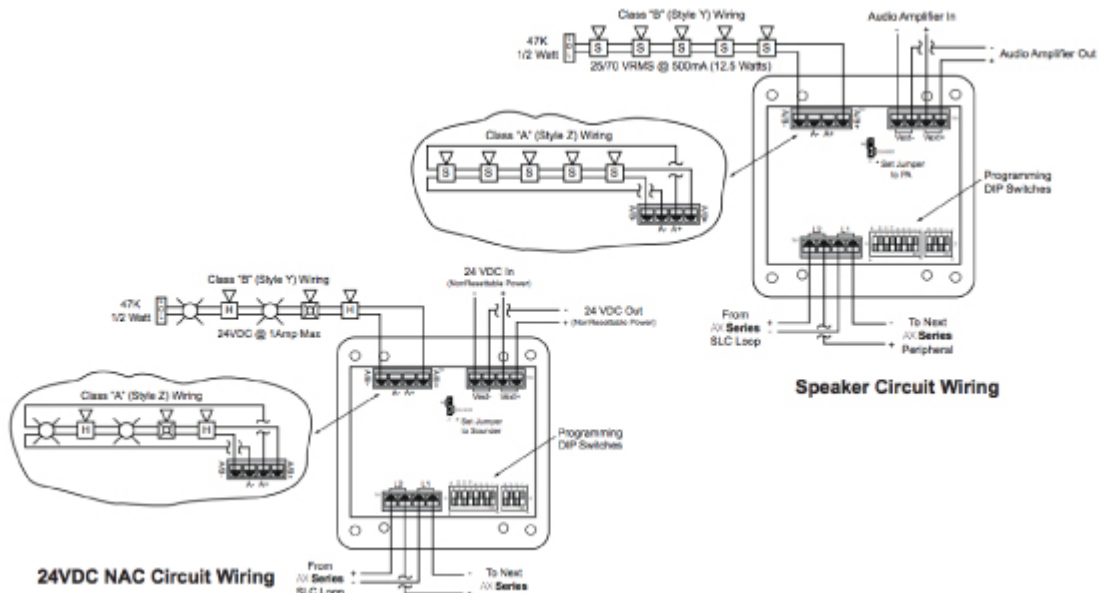
Features

- Class A or B Wiring
- Horn/Strobe or Speaker Control
- Flexible Programmability
- Durable Construction
- Cost-Effective & Trouble-Free Installation
- 25/70 VRMS Speaker Capability

Listings and Approvals

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

Wiring Diagram



Specification

| | |
|--------------------------------|---|
| Voltage | 17-28 VDC, with Communication Pulses 5-9 VDC |
| Operating Current | 1 mA (Quiescent) 1 mA (Alarm) 6 mA (With LED's) |
| Line Impedance | 50 Ω |
| Wiring Classification | Class A or B |
| End-of-Line Resistor | 47 K Ω , 0.5 Watt (Class "B" Only) |
| Circuit Voltage Input | 24 VDC or 25/70 VRMS |
| Max NAC Circuit Output | 24VDC @ 1 Amp (Use Regulated DC Listed Supply) |
| Max Speaker Circuit Output | 24VDC, 25 /70.7VRMS @ 500mA |
| Wiring Terminals | Screw In-Out Terminals |
| Mounting | 4" Square or 2-Gang Electrical Outlet Box |
| Dimensions (Diameter & Height) | 4 1/2"W x 4 1/2"H x 1"D |
| Weight | 2.8 oz |
| Operating Temperature | 32 °-120 °F (0o -49 °C) |
| Humidity | 10 - 93% (Non-Condensing) |

Order Codes and Options

| | |
|--------------|---------------------------------------|
| 55000-825ADV | Notification Appliance Circuit Module |
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