Advanced

Axis AX

Enhanced NAC Module

The NAC Module enables sounders to be operated continuously or be pulsed. Sounders may be operated individually or in groups and whichever address mode has been applied may be synchronized when in pulsed operation.



Features

- Built-in isolator
- Visible LEDs
- Loop powered
- Can be used for public address speakers
- Power supply health monitoring
- Reverse polarity detection
- Active short circuit detection (panel/power supply dependent)
- AC/DC monitoring (limited by wire length)
- Improved design for ease of wiring
- Communicates with XP95 and Discovery protocols

Listings and Approvals

- UL, ULC, SII and CSFM

Specification

General*	
Product Operating Temperature	32° to 120° F
Humidity	10% to 93% RH (no condensation or icing)
Standards and Approvals	UL, ULC, SII, CSFM
Dimensions	4.9" W x 4.9" H x 1.175" D
Materials	Housing UL94 V-0 polycarbonate
Wire Size	12-24 AWG
LED Status	
LED Colour: Green Yellow (solid) Red	 Polling Isolation Alarm
Single Line Circuit (SLD) - Supervised Power Limited	
Supply Voltage	17 V to 28 VDC
Modulation Voltage	5 V to 9 V peak to peak
Supervisory Current	500 µA
Switch-on Surge Current	900 µA

Alarm/Operated Current, LED On	1.6 mA per LED
Maximum Loop Current	1 A
Initiating Device Circuit (IDC)	
Wiring Styles	Supervised power limited Class A and Class B
End-of-line Resistors**	47 kΩ
Max (NAC)	Regulated 24 V DC, 2A Use of regulated power limited DC supply that is listed for fire protection applications. The maximum number of connected devices must be within the output rating.
Max (Speakers)	70.7 V rms, 500 mA with wire supervision capability as per NFPA requirements. The speakers used must be listed for fire protection applications.

* Local supply failure, NAC short/open circuit or group address.

** A UL-listed end-of-line resistor is available - Part no. 44251-146

NB All data is supplied subject to change without notice. Specifications are typical at 24 V, 73° F and 50% RH unless otherwise stated.

Refer to fire control panel literature for details on how to achieve audio and visual synchronisation.

Order Codes and Options

SA4705-706ADV	Enhanced NAC Module

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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.