Advanced

Axis AX

Enhanced Switch Monitor Input/Output Module

The Input/Output Module is a loop-powered device which incorporates a monitored input circuit for connection to remote switches. It also has a 240V rated volt-free relay output.



Features

- Built-in isolator
- Visible LEDs
- Loop powered
- Ground fault detection
- Improved design for ease of mounting
- 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
Voltage	3.3 VDC
Line Impedance	100 Ω Max
End-of-line Resistors*	47 kΩ
Output Circuit	
Relay Output	Non-Supervised Programmable Dry contact 30 V DC - 4 A - resistive 240 V AC - 4 A - resistive

* 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.

Order Codes and Options

SA4705-703ADV	Enhanced Switch Monitor Input-Output 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.