

Input / Output Module

The Intelligent Input/Output (I/O) Module is an application specific addressable module for use with the Axis Series Intelligent Fire Alarm Control Panel. Each module is SLC loop powered, eliminating the need for additional field wiring and external power supplies.

Designed for installation on the Axis Series SLC (signaling line circuit) the Intelligent I/O Module provides a single initiating device circuit (IDC) input, an independently controlled Form-C relay contact output, and an unmonitored optically isolated voltage input. The I/O Module utilizes unique sub-addressing for both the independently controlled relay and the optically isolated voltage input. By sub-addressing these I/O features, AX Series system point capacities are expanded with installation, programming, and commissioning time minimized.

The IDC input of the I/O Module is capable of being wired Class “A” (Style D) or Class “B” (Style B) and can monitor a single contact device or a group of devices. Contacts can be normally open (N.O.) or normally closed (N.C.) ranging from heat detectors, linear heat detectors, 4-wire conventional smoke detectors, waterflow switches, tamper switches, manual pull stations, switch input points for control, or any other supervised input requirement.

Key Features

- Supervised Initiating Device Circuit (IDC)
- Class A (Style D) or Class B (Style B) Wiring
- Independently Controlled Form-C Relay Contact
- AX Series Dynamix I/O Relationship Programming
- IDC Activation Status LED
- Optically Isolated Voltage Input
- Cost-Effective & Trouble-Free Installation

Specifications

AX Series SLC Loop Voltage	17-28 VDC
Surge Current	2.5 mA
Alarm Current	5.0 mA (LED On) (Max.)
DC Input (Initiating Device)	5-9 VDC
Supervisory Current	0.85 mA (Max.)
Line Impedance	100 Ω
Wiring Classification	Class A (Style D) or Class B
End-of-Line Resistor	47 KΩ, 0.5 Watt (Class “B”
Wiring	Screw In-Out Terminals
Mounting	4” Square or 2” Electrical
Dimensions H x W x D inches	4 1/2” x 4 1/2”x 1”
Weight oz	2.8
Operating Temperature	32°F-120°F (0°C-49°C)
Humidity	10-93% (non-condensing)
Approvals / Certification	UL Listed (UL864)
Relay Output Rating	Form-C 24 VDC @ 1 Amp or
Optically Isolated Input	Unsupervised 35 VDC (Max.)

For more information contact:



Order Codes and Options

55000-790AEL: Dual Priority Switch Monitor Module