Advanced

Axis AX

Intelligent Loop Powered Open Area Sounders

The Intelligent Loop Powered Open Area Sounders are loop powered sounders providing synchronized signaling from an Axis AX Series Intelligent Fire Alarm Control Panel's SLC (Signaling Line Circuit) loop. Each Intelligent Loop Powered Open Area Sounder receives both power and communications from the signaling line circuit.

Applications are wide and varied, but ideal applications include corridors, offices, dormitory living quarters, nursing homes, retirement homes and hospital patient rooms.

Tremendous installation cost advantages can be realized when installing Intelligent Loop Powered Open Area Sounders due to material and labor savings. Since power is provided by the Axis AX Series Intelligent Fire Alarm Control Panel's SLC loop, there is no need for additional power supplies or additional wire. Also, installation time is sharply reduced because sounders can be installed on the same circuits with pull stations, smoke detectors, and other addressable input devices.

The low volume setting is useful in areas such as hospitals where an alert signal is initially intended to warn staff only. The high volume setting is used for alarm evacuation.

Synchronization of tones ensures that signal tones from different sounders do not merge into one signal that could be mistaken for a different tone.

The Axis AX Series Intelligent Fire Alarm Control Panel provides a group addressing feature that can be used to simultaneously turn on a group of Intelligent Loop Powered Open Area Sounders without delay.

Another benefit of the Intelligent Loop Powered Open Area Sounder is its capability of being wired as a device with isolation, allowing it to be installed in a true Style 7 configuration.

There is a built-in acoustic self-test facility which is automatically activated during normal operation or can be manually activated during walk-tests. A trouble signal is generated at the Axis AX Series Intelligent Fire Alarm Control Panel if no sound is detected at the device.

The Intelligent Loop Powered Open Area Sounder incorporates its own plastic mounting base which can be wired with or without device isolation. In addition, the mounting base can also be installed on a 3" square or octagonal electrical box.

The sounder base is specifically designed to enable "one-way-only" sounder insertion without any need for force. Simply insert the sounder and rotate clockwise. Incorporating a high degree of protection against unauthorized removal of sounders, each sounder can be locked to its associated sounder base.



Features

- Steady or Temporal Signaling
- Available in Red or White Colors
- Drastically Reduces Installation Costs
- Programmable Volume Settings
- Built-in Signal Synchronization
- Built-in Device Isolation Wiring
- Unique Integral Self-Test
- Sounder Base to Sounder Security Locking Tab
- Separate Sounder Base with Drillable Knockouts
- Two Programmable Tones and Volume Settings
  - Continuous 2900 Hz Tone
  - Low Volume 70.6 dB
  - High Volume 79.1 dB
- ANSI Temporal 2900 Hz Tone
  - Low Volume 67.8 dB
  - High Volume 75.3 dB
- Synchronization of "Alert" and "Evacuation" Tones
- Individual and Group Addressing

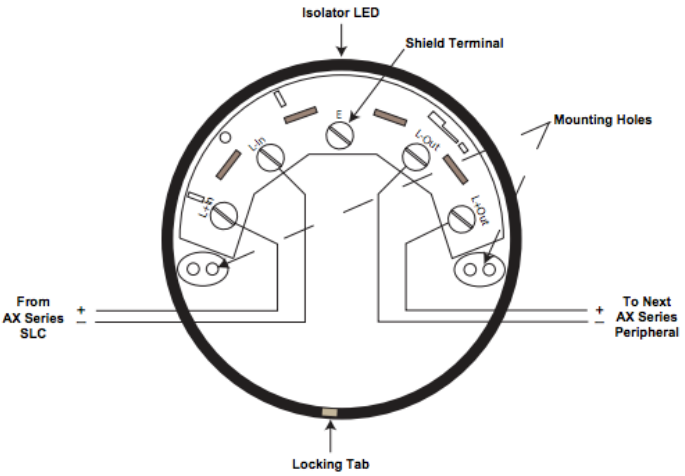
Listings and Approvals

- ETL ANSI/UL 864 Listed: 101564744NYM-001
- UL file: ULSZ.S24953 / ML file: S25051
- NYCFD COA #6105

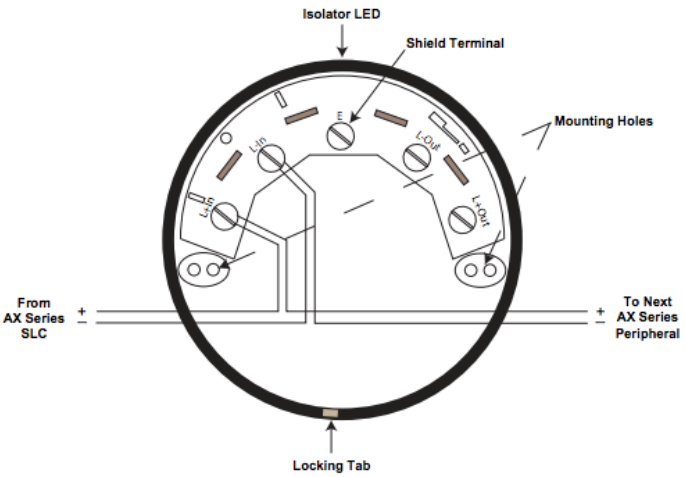
Specification

Operating Voltage	17-28 VDC
Operating Current Quiescent Sounder Active Switch on Surge	 .31 mA 5.4 mA 6 mA for 1 Second
Sound Output / Setting Continuous (Low) Continuous (High) ANSI Temporal (Low) ANSI Temporal (High)	 70.6 dB 79.1 dB 67.8 dB 75.3 dB
Terminals	Stainless Steel
Environment	Indoor, Dry
Operating Temperature	32-120^{0}F (0-48^{0}C)
Humidity	10-93% (Non-condensing)
Dimensions (Diameter & Height) Sounder with Sounder Base	3.84”D x 4.09”H
Weight Sounder with Sounder Base	 9.1 oz
Housing	Polycarbonate, 94 V0

Wiring Diagram



Loop Powered Open Area Sounder Base Wiring with Isolation



Loop Powered Open Area Sounder Base Wiring without Isolation

Order Codes and Options

55000-041ADV	Open Area Sounder (Red)
55000-042ADV	Open Area Sounder (White)

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.