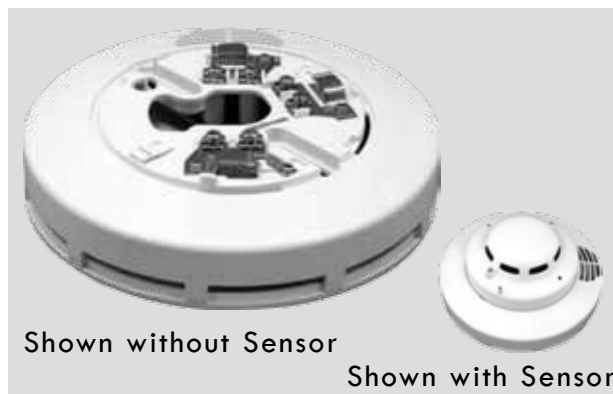


## EAGLE SERIES - FIRE ALARM SYSTEMS

### LE-ASB-ANALOG SOUNDER BASE

#### LE-ASB



#### STANDARD FEATURES

- Programmable evacuation codes - Continuous, March, ANSI Temporal patterns
- Base learns the sensor address and assumes an upper range address (128-254)
- Up to 127 sensors and 127 ASBs can be used on one SLC loop
- Can be alarmed or reset by zone or by individual address
- ASB SLC loop wire resistance = 50 ohms Max. (total SLC wire run length)
- High sound pressure level (85dB SPL at 10 feet)

#### DESCRIPTION

The LE-ASB Analog Sounder Base is designed for use with Lifeco analog style sensors models LE-ALG-V, LE-ALK-V, LE-ALK-V2 LE-AIE-EA, and LE-ATG-EA. Each addressable base is to be connected to a Lifeco DCP Signaling Line Circuit (SLC). The LE-ASB provides an audible alarm in the immediate vicinity. Typical applications are use in hotels, apartments, and hospitals. The LE-ASB has a highly configurable programming algorithm that allows the user to setup groups of bases for synchronization of modulation tones. Each device has 16 states that are programmed with the desired output pattern to be used (e.g., "Temporal" or "March") for each state.

#### SPECIFICATIONS

|   |  |
|---|--|
| Operating Voltage                         | 17 - 41 VDC  |
| SLC Loop Idle Current                     | 110 $\mu$ A  |
| SLC Loop Max. Alarm Current               | 110 $\mu$ A  |
| Aux. Power Supply Voltage                 | 16 - 31 VDC  |
| Device Aux. Power Min. Voltage            | 15.0 VDC   |
| Aux. Idle Current                         | 550 $\mu$ A  |
| Aux. Max. Alarm Current                   | 18mA   |
| Max. Humidity                             | 93%RH<br>(non-condensing)                                |
| Sound Pressure Level at 10 ft             | 85dB   |
| UL Ambient Installation Temperature Range | 32°F (0°C) ~ 100°F (38°C)                                |
| Operating Temperature Range               | 32°F (0°C) ~ 122°F (50°C)                                |
| Base Diameter                             | 5.9"   |
| Base Height (without sensor)              | 1.3"   |
| Weight                                    | 0.455 lb   |
| Compatible Sensors                        | LE-ALG-V, LE- ALK-V, LE- ALK-V2, LE- AIE-EA & LE- ATG-EA |



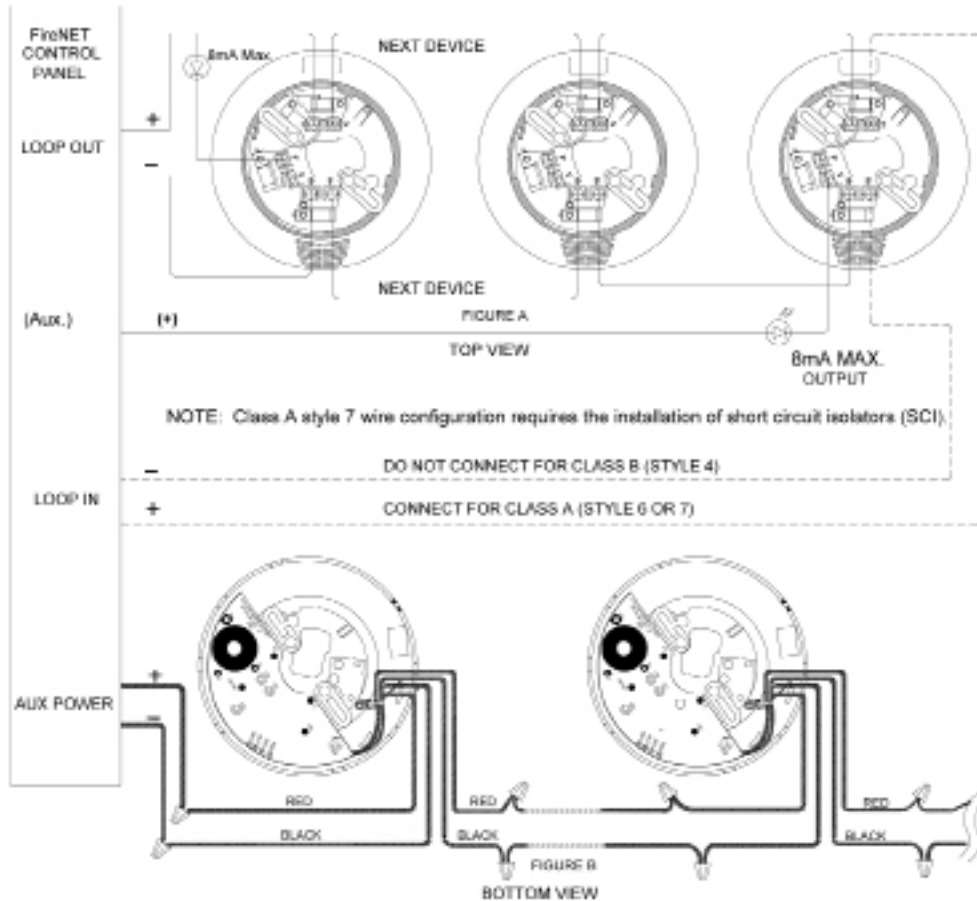
UL S24238

## EAGLE SERIES - FIRE ALARM SYSTEMS

### LE-ASB-ANALOG SOUNDER BASE

#### LE-ASB

#### WIRING DIAGRAM



#### NUMBER OF BASES PERMITTED

| # of Bases In Alarm | Maximum Auxiliary 24VDC Power Wire Resistance (Total Auxiliary Run Length) |
|---------------------|--|
| 127                 | 1.4 ohms   |
| 75                  | 2.4 ohms   |
| 60                  | 3.0 ohms   |
| 50                  | 3.6 ohms   |
| 30                  | 6.1 ohms   |
| 20                  | 9.1 ohms   |
| 15                  | 12.2 ohms  |
| 10                  | 18.3 ohms  |

NOTE: SLC maximum wiring resistance is 50 ohms.