

TECHNICAL DATA SHEET

for use by Architects & Engineers

Conventional Sounder Base

Model No: LE-SBC



Description

The Models LE-SBC Conventional Sounder Base Series are designed specifically for use with Lifeco NS conventional style smoke detectors Models LE-SIJ-24 Ionization Smoke Detector, LE-SLR-24V Photoelectric Smoke Detector and LE-SLR-1835 Wide Operating Voltage Photoelectric Smoke Detectors. The LE-SBC Series will provide an audible evacuation signal (continuous or temporal Code) upon detector alarm. Easily configured to 12 or 24-volt applications through use of a dipswitch, the bases can also be configured to activate in individual, group, or global modes. The relay base model LE-SBC-2R contains two sets of Form "C" Relay Contacts rated at 1 Amps @ 28VDC or 0.5 Amps @ 120VAC. All models come in 6" diameter size and are available in both bone and white colored plastic.

Note: "W" at the end of model designation indicates white colored plastic.

Features

- Wide operating voltage.
- Selectable Evacuation Codes: continuous or temporal.
- Three different configurations: individual, group, and global modes.
- High sound pressure level (85 dB at 10 ft)
- Can be configured to satisfy a wide variety of applications.
- Available with or without relay, 2 and 4 wire configurations, and bone or white color.

Technical & Environmental Specification

	LE-SBC-2, 2W	Group/ Global Mode	LE-SBC-2R, 2RW	Group/ Global Mode	LE-SBC-4/12, 4/12W	LE-SBC-4/24, 4/24W
Operating voltage range	8.7-30VDC		19-30VDC		10-18VDC	18-30VDC
Max alarm current	26mA@8.7VDC 35mA@12VDC 65mA@24VDC	12mA@8.7VDC 18mA@12VDC 45mA@24VDC	53mA@19VDC 65mA@24VDC	30mA@19VDC 40mA@24VDC	75mA@12VDC	65mA@24VDC
Rated voltage					12VDC	24VDC
Contact rating of relay			1A@28VDC or 0.5A@120VAC		12A@30VDC or 0.5A@120VAC	
Alarm contact rating					12A@30VDC or 0.5A@120VAC	
Max humidity	93%RH Non-condensing		93%RH Non-condensing		93%RH Non-condensing	
Sound pressure level	85dB		85dB		85dB	
Operating temp range	0°C (32°F) to 38°C (100°F)		0°C (32°F) to 38°C (100°F)		0°C (32°F) to 38°C (100°F)	
Dimensions	5.94" x 1.34"		5.94" x 1.34"		5.94" x 1.34"	
Weight	0.455 lbs		0.455 lbs		0.455 lbs	
Compatible detectors	LE-SLR-24V, LE-SIJ-24, LE-SLR-835/835W/- 835H/-835HW		LE-SLR-24V, LE-SIJ-24, LE-SLR-835/835W/- 835H/-835HW		LE-SLR-835/-835W	LE-SLR-24V, LE-SLR-835H/-835HW

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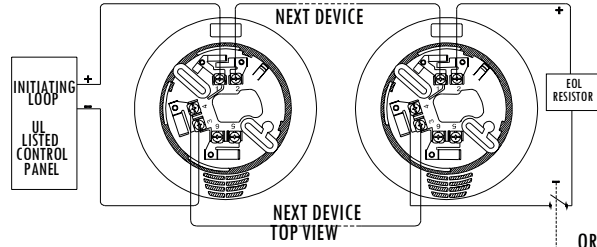
Conventional Sounder Base

Model No: LE-SBC

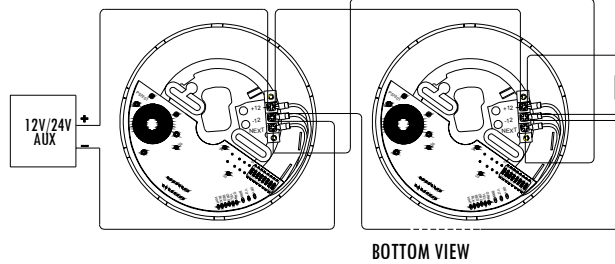


Wiring Details

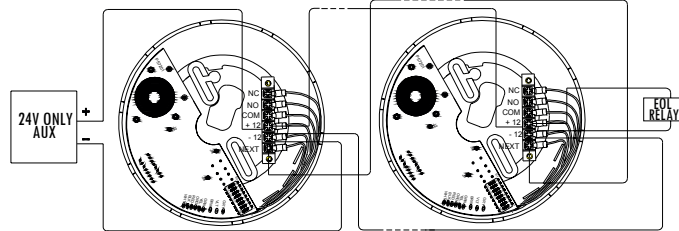
GROUP SOUNDER WIRING DIAGRAM (2 WIRE) LE-SBC-2 AND 2R



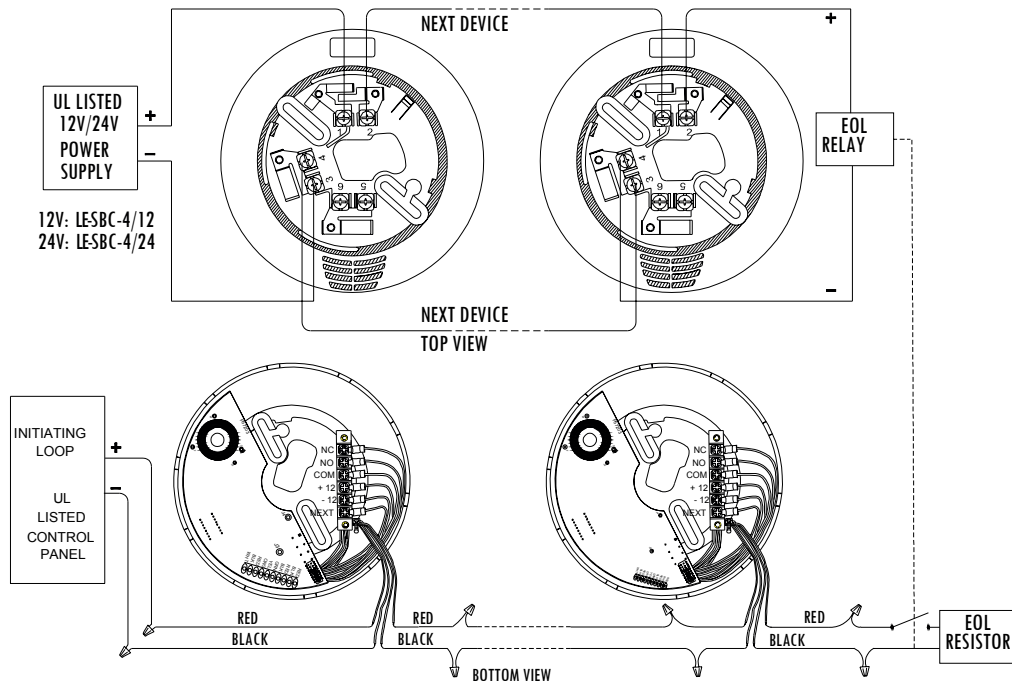
CONVENTIONAL SOUNDER BASE 12V/24V WITHOUT RELAY (2 WIRE) LE-SBC-2



CONVENTIONAL SOUNDER BASE 24V WITH RELAY (2 WIRE) LE-SBC-2R



NOTES: FOR ADDITIONAL SOUNDER WIRING DIAGRAM LE-SBC-2, AND LE-SBC-2R INFORMATION, PLEASE REFER TO INSTALLATION INSTRUCTION.
INDIVIDUAL SOUNDER WIRING DIAGRAM (4 WIRE) LE-SBC-4



NOTES: FOR ADDITIONAL SOUNDER WIRING DIAGRAM LE-SBC-4 INFORMATION, PLEASE REFER TO INSTALLATION INSTRUCTION.