

## EAGLE SERIES - FIRE ALARM SYSTEMS

### CONVENTIONAL SOUNDER BASE

#### 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-t835 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.



Shown without detector      Shown with detector

#### STANDARD 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



UL S24238

#### SPECIFICATION

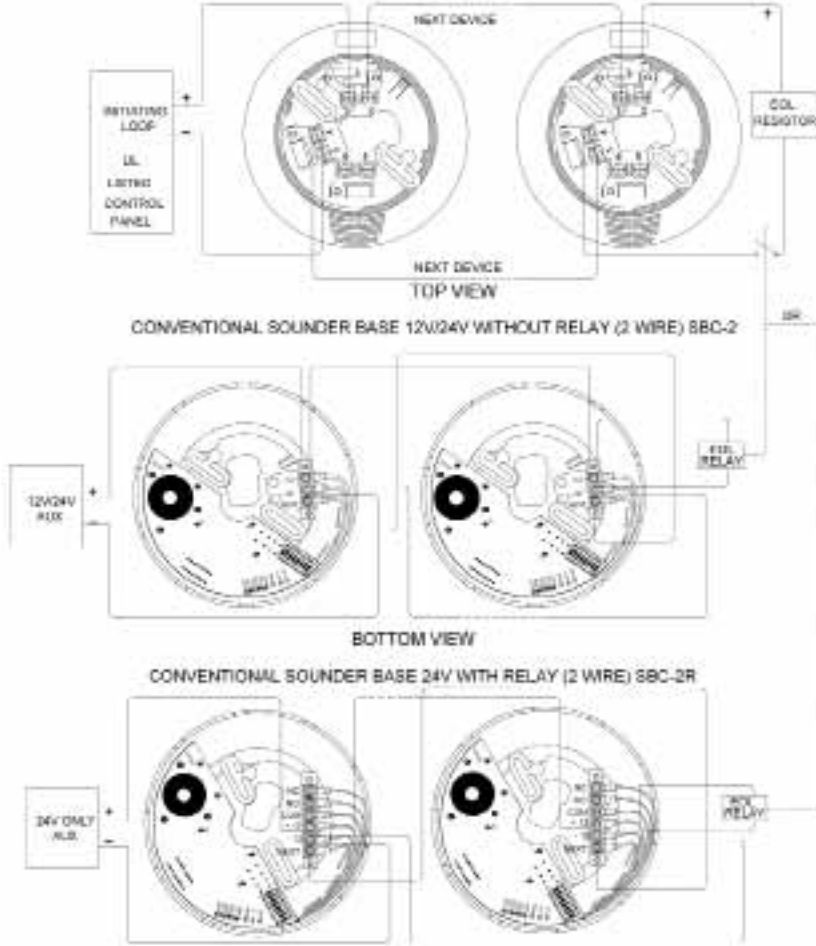
Model	LE-SBC-2, 2W		LE-SBC-2R, 2RW		LE-SBC-4/12, 4/12W	LE-SBC-4/24, 4/24W		
Operating Voltage Range	8.7-30VDC	GROUP/ GLOBAL MODE	18-30VDC	GROUP/ GLOBAL MODE	18-18VDC	18-30VDC		
Max. Alarm Current	25mA@8.7VDC 35mA@12VDC 65mA@24VDC	12mA@8.7VDC 18mA@12VDC 45mA@24VDC	53mA@18VDC 85mA@24VDC	20mA@18VDC 40mA@24VDC	75mA@12VDC	65mA@24VDC		
Rated Voltage					12VDC	24VDC		
Contact Rating of Relay							2A@30VDC OR 0.5A@120VAC	
Alarm Contact Rating							2A@30VDC OR 0.5A@120VAC	
Max. Humidity	95%RH(non-condensing)		95%RH(non-condensing)		95%RH(non-condensing)			
Sound Pressure Level at 10ft	85 dB		85 dB		85 dB			
Operating Temperature Range	32°F (0°C) to 100°F (38°C)		32°F (0°C) to 100°F (38°C)		32°F (0°C) to 100°F (38°C)			
Dimensions	5.94" x 1.34"		5.94" x 1.34"		5.94" x 1.34"			
Weight	0.305 lb		0.455 lb		0.455 lb			
Compatible Detectors	LE-SLR-24V, LE-SLI-24, LE-SLR-835/-835W/-835H/-835HW		LE-SLR-24V, LE-SLI-24, LE-SLR-835/-835W/-835H/-835HW		LE-SLR-835/-835W	LE-SLR-24V, LE-SLR-835H/-835HW		

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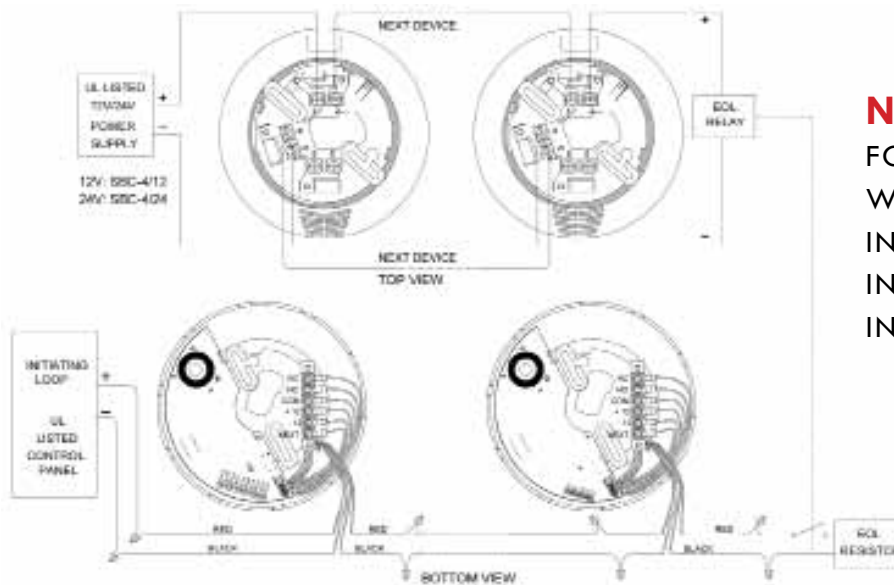
#### GROUP SOUNDER WIRING DIAGRAM (2 WIRE) SBC-2 AND 2R



**NOTE**

FOR ADDITIONAL SOUNDER WIRING DIAGRAM LE-SBC-2, & LE-SBC-2R INFORMATION, PLEASE REFER TO INSTALLATION INSTRUCTION HA-06-085.

#### INDIVIDUAL SOUNDER WIRING DIAGRAM (4 WIRE) SBC-4



**NOTE**

FOR ADDITIONAL SOUNDER WIRING DIAGRAM LE-SBC-4 INFORMATION, PLEASE REFER TO INSTALLATION INSTRUCTION HA-06-086.