

## EAGLE SERIES - FIRE ALARM SYSTEMS

### ANALOG SENSOR BASES

#### LE-YBN-NSA-4/6



LE-YBN-NSA-4



LE-HSB-NSA-6

#### APPLICATION

The Lifeco LE-YBN-NSA-4 and the LE-HSB-NSA-6 mounting bases are electronics free and contain a simple rugged design with screw terminals for wiring connections. A common mounting base allows sensor interchange and maintains loop continuity when sensors are removed. A simple anti-tamper head locking system is provided which is enabled by removing a small plastic tab on the back of the sensor. Once locked, the head can only be removed using a small diameter screw driver.

#### SPECIFICATION

YBN-NSA-4	4 inches
HSB-NSA-6	6 inches
Security Feature	Plastic Tamper-Lock
Color	Bone PC / ABS Blend

#### FEATURES

- UL & ULC Listed
- Designed for use with all NS analog sensors.
- Available in 4 and 6 inch models.
- Contains a security locking tab for tamper protection.

#### ENGINEERING SPECIFICATIONS

The base shall permit direct interchange with the Lifeco LE-AIE-EA ionization type smoke sensor, LE-ALG-V photoelectric smoke sensor, and the ATG-EA heat sensor.

The sensitivity of the sensor shall be capable of being measured by the control panel.

The vandal-resistant, security locking feature shall be used in those areas as indicated on the drawing. The locking feature shall be optional and can be implemented when required.

It shall be possible to perform a functional test of the sensor without the need of generating smoke. The test method shall simulate the effects of products of combustion in the chamber to ensure testing of internal circuitry.



UL S24238

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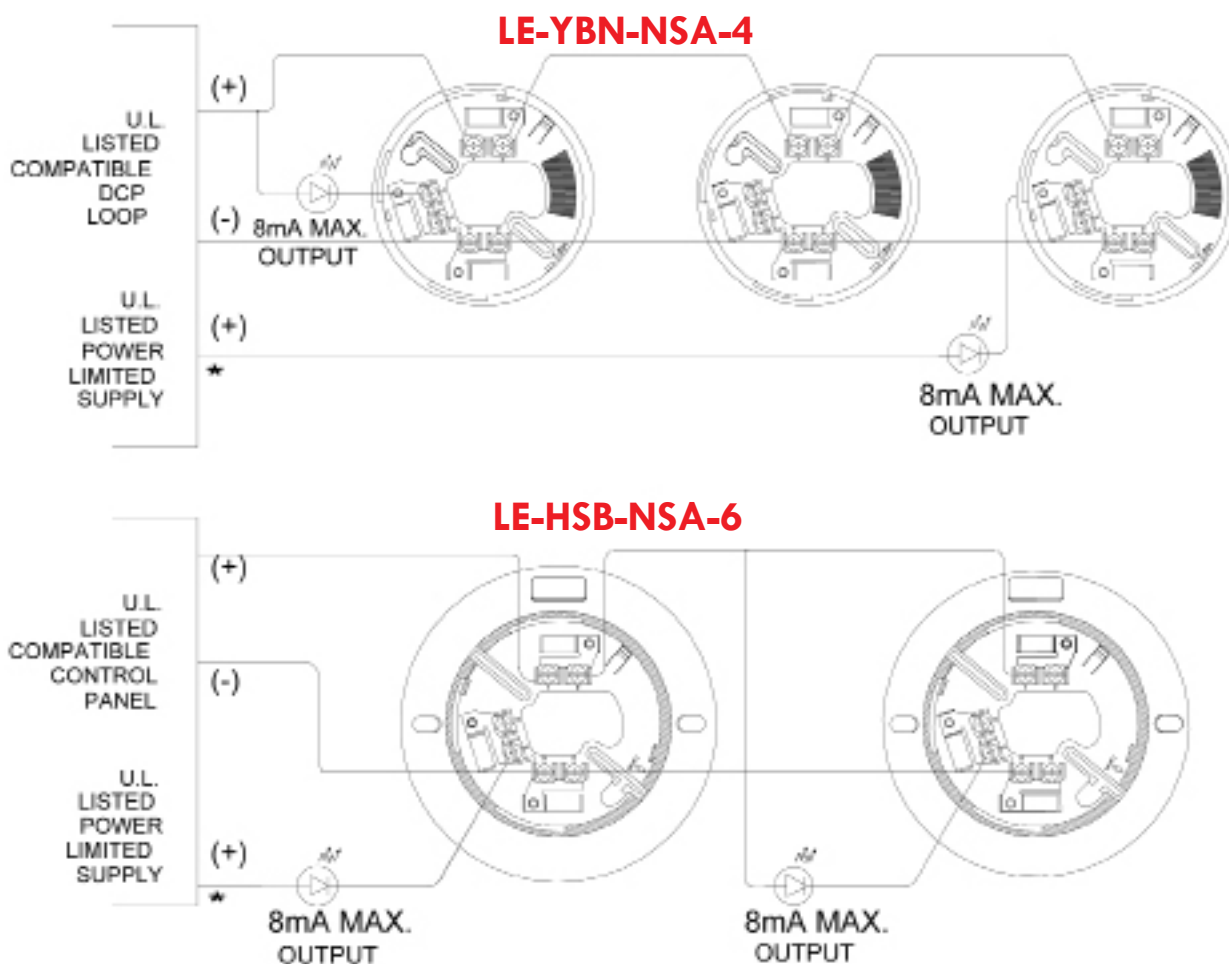
#### LE-YBN-NSA-4/6

#### OPERATION

The LE-YBN-NSA-4 and LE-HSB-NSA-6 are designed specifically for use with the Lifeco NS Analog models LE-AIE-EA Ionization Smoke Sensor, LE-ALG-V Photoelectric Smoke Sensor and LE-ATG-EA Heat Sensor.

The LE-YBN-NSA-4 and LE-HSB-NSA-6 common mounting bases allows for complete compatibility for all of the Lifeco NS Series Analog sensors. The bases are lightweight and very thin, providing a low profile once installed. The solder-less screw terminals enable quick and easy wiring connections.

#### TYPICAL WIRING DIAGRAM



\* - OPTIONAL WIRING CONFIGURATIONS FOR REMOTE OUTPUT

**NOTE:** Fire alarm control panel compatibility is required for DCP products. State-of-the-art communications protocol, DCP, allows system components (DCP sensors LE-AIE-EA, LE-ALG-V and LE-ATG-EA, bases and modules), to be used concurrently in a system's signaling line circuit.