HOCHIKI

ANALOG SENSOR BASES

YBN-NSA-4

HSB-NSA-6

STANDARD 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

PRODUCT LISTINGS

SIGNALING
UL LISTED
S1383

ULc
CS463

California State Fire Marshal
7300-0410:132

MEA
284-91-E Vol. IV

FM APPROVED
3022559

SPECIFICATIONS

Security Feature	Plastic Tamper-lock
Color	Bone PC / ABS Blend
Dimensions	HSB-NSA-6: 6 inches YBN-NSA-4: 4 inches
Mounting Box	HSB-NSA-6: 3" & 4" Octagon & Square YBN-NSA-4: 3" Octagon
Compatible Detectors	ALG-V, ALK-V, ALK-D, AIE-EA, ATG-EA, ATJ-EA, ALN-V, ACA-V

APPLICATION

The HOCHIKI America YBN-NSA-4 and the 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.

OPERATION

The YBN-NSA-4 and HSB-NSA-6 are designed specifically for use with the Hochiki NS Analog models AIE-EA, ALG-V, ALK-V, ALK-D, ALN-V, ATG-EA, ATJ-EA and ACA-V.

The YBN-NSA-4 and HSB-NSA-6 common mounting bases allows for complete compatibility for all of the Hochiki 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.

Specifications subject to change without notice.

Find latest revision at **www.hochiki.com**

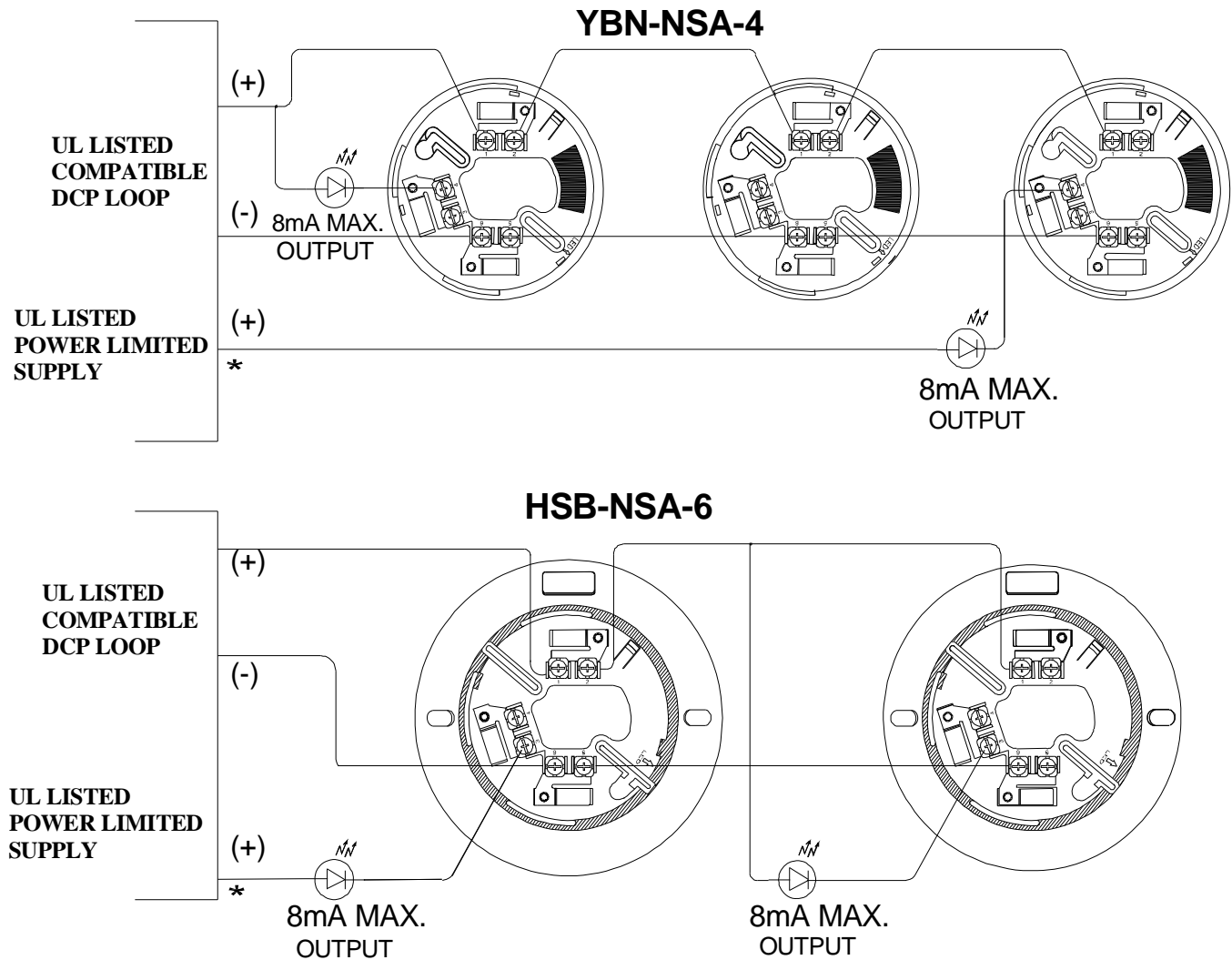Assembled in the USA

ISO 9001:2008 REGISTERED

F0013   10/2014

ENGINEERING SPECIFICATIONS

The base shall permit direct interchange with the HOCHIKI America AIE-EA Ionization type Smoke Sensor, ALG-V, ALK-V Photoelectric Smoke Sensor, ALK-D Photoelectric Smoke Sensor for in-duct use, ATG-EA Heat Sensor, and the ACA-V Multi-criteria Sensor.

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.

TYPICAL WIRING DIAGRAMS

YBN-NSA-4

UL LISTED COMPATIBLE DCP LOOP

(+)

(-) 8mA MAX. OUTPUT

UL LISTED POWER LIMITED SUPPLY

(+)

*

8mA MAX. OUTPUT

HSB-NSA-6

UL LISTED COMPATIBLE DCP LOOP

(+)

(-)

UL LISTED POWER LIMITED SUPPLY

(+)

*

8mA MAX. OUTPUT

8mA MAX. OUTPUT

* - 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 AIE-EA, ALG-V, ALK-V, ALK-D, ALN-V, ACA-V, ATJ-EA and ATG-EA, bases and modules), to be used concurrently in a system's signaling line circuit.