SHORT CIRCUIT ISOLATOR ANALOG SENSOR BASES

SCI-B6 & SCI-B4

STANDARD FEATURES

- UL Listed
- Ability to detect short circuit conditions
- Designed for use with all DCP analog sensor.
- Available in 4 and 6 inch models
- Built-in LED indication upon short circuit condition
- Contains a security locking tab for tamper protection

SPECIFICATIONS	
Operating Voltage	17 - 41 VDC
Current Consumption	Normal: 160uA Active: 10mA
Security Feature	Plastic Tamper-lock
Color & Material	Bone PC / ABS Blend
Dimensions	SCI-B6: 6 inches SCI-B4: 4 inches
Compatible Detectors	ALG-V, ALK-V, ALK-D, AIE-EA, ATG-EA, ACA-V

APPLICATION

The HOCHIKI America SCI-B4 and the SCI-B6 are short circuit isolation mounting bases containing a simple rugged design with screw terminals for wiring connections. These common mounting bases 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 screwdriver.

OPERATION

The SCI-B4 and SCI-B6 are designed specifically for use with the Hochiki NS Analog models AIE-EA, ALG-V, ALK-V, ALK-D, ATG-EA, and ACA-V.

The SCI-B4 and SCI-B6 common mounting bases allow for complete compatibility for all of the Hochiki Analog sensors. The solder-less screw terminals enable quick and easy wiring connections.

PRODUCT LISTINGS

SIGNALING UL LISTED
S1383

California State Fire Marshal
7300-0410:186

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Specifications subject to change without notice.

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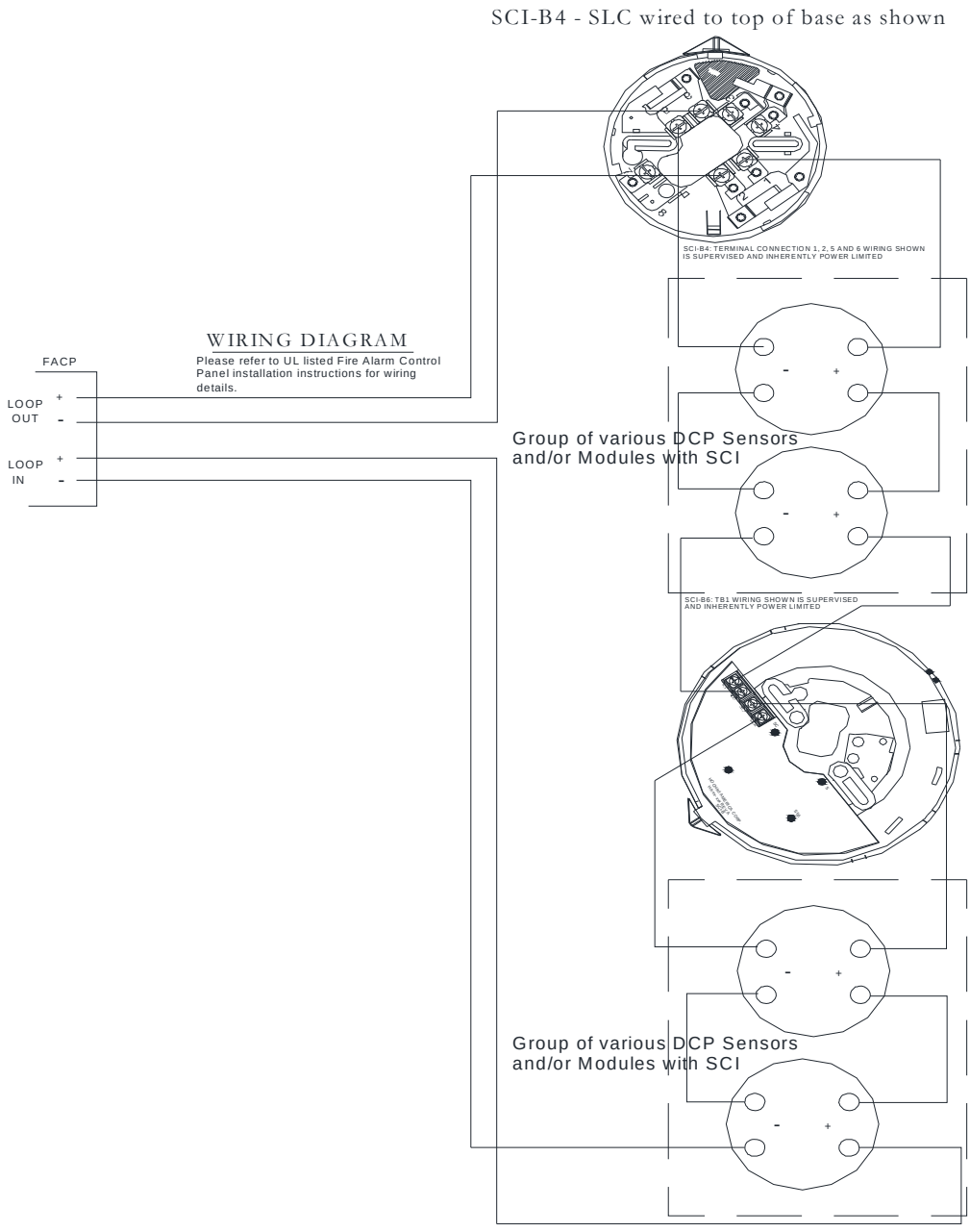
ENGINEERING SPECIFICATIONS

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 DIAGRAM



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, ACA-V and ATG-EA, bases and modules), to be used concurrently in a system's signaling line circuit.