SILENT KNIGHT by Honeywell

B501 and B210LP

Intelligent Detector Bases

B501 and B210LP plug in detector mounting bases, are just two of the variety of ways to install detectors in any application.

For more information about the IntelliKnight system, or to locate you nearest source, please call 1-800-328-0103.

Description

The B210LP 6” Mounting Base and the B501 4” Mounting Base are plug in detector bases for SK style detectors intended for use with Silent Knight IntelliKnight series fire alarm control panels (FACPs). The B210LP and B501 have screw terminals for power (+) and (-) and remote annunciator connections. Communication takes place over the power (+) and (-) lines.



B210LP Base



B501 Base

Features

- Plug-in mounting provides ease of installation
- Tamper-proof feature prevents removal of the detector without the use of a tool
- Range of mounting options to meet any application
- Rotary address switches for fast installation
- Optional remote LED annunciator (PN RA100Z)
- SEMS screws, 12–22 AWG
- UL Listed

Installation

The B210LP and B501 can be mounted on a variety of junction boxes as shown in the tables below.

U.S. Junction box Selection Guide*
Metric Junction box Selection Guide*

Model	Single Gang	3.5” Oct	4” Oct	4” Sq
B210LP	Yes	Yes	Yes	Yes
B501	No	Yes	No	No

Model	50 mm	60 mm	70 mm	75 mm
B210LP	No	No	No	No
B501	Yes	Yes	Yes	No

Compatibility

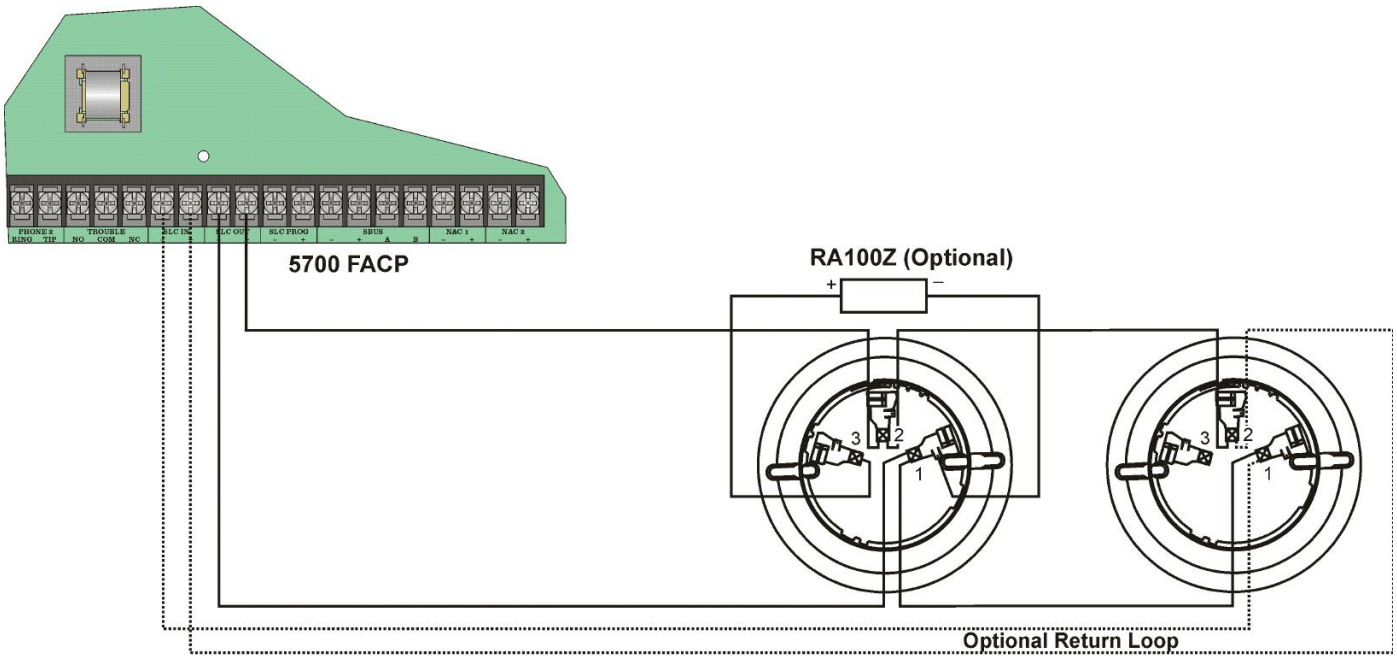
The B210LP and B501 are compatible with the following SK-series detectors:

- SK-Photo Photoelectric Smoke Detector and SK--Photo-T Photoelectric Smoke Detector with Thermal
- SK-Acclimate Multicriteria Photoelectric Smoke Detector
- SK-Ion Ionization Smoke Detector
- SK-Heat Fixed Temperature Thermal Detector, SK -Heat-ROR Rate-of-Rise Detector with Thermal, and SK-Heat-HT Fixed High Temperature Thermal Detector

The B210LP and B501 are compatible with the following IntelliKnight FACP’s:

- 5820XL
- 5820XL-EVS
- 5808
- 5700
- 5600 (Rev 2.0 or higher)

Model B501 and B210LP



B501 and B210LP Mounting Bases

Specifications

Physical

B210LP Diameter: 6.1” (155 mm)

B501 Diameter: 4.1” (104 mm)

Electrical

Wire Gauge: 18–12

Terminals:

Terminal 1: Power (–) and Optional RA100Z
Terminal 2: Power (+)
Terminal 3: Optional RA100Z Remote Annunciator

Environmental

Operating Temperature: 32ºF – 150ºF (0ºC – 66ºC)

Humidity: 10% – 93% non-condensing

Ordering Information

B210LP	6” Mounting Base
B501	4” Mounting Base

Accessories

RA100Z	Remote LED Annunciator.
XR2B	Detector Removal Tool. A removal and replacement tool for SK plug-in detectors. Includes the T55-127-000.
M02-04-01	Detector Test Magnet.
M02-09-00	Test Magnet with Telescoping Handle.
XP-4	Extension Pole for XR2B. Extends from 5 – 15 ft.
T55-127-000	Detector Removal Head.
BCK-200B	Black Detector Kit. For SK series detectors.

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Silent Knight 12 Clintonville Road, Northford, CT 06472-1610 Phone: (800) 328-0103, Fax: (203) 484-7118. For Technical Support, Please Call 800-446-6444. **www.silentknight.com**

MADE IN AMERICA

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