

Addressable Detector Bases

B210LP & B501

The B210LP 6" Mounting Base and the B501 4" Mounting Base are plug in detector bases for IDP style detectors intended for use with Silent Knight IFP-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.

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 wire ranges for installation flexibility
- 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*

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

Metric Junction Box Selection Guide*

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

* Box depth is contingent on base and wire size. Refer to the National Electric Code or applicable local codes for appropriate recommendations.

Agency Listings



MEA

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B210LP Base



B501 Base

Compatibility

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

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

The B210LP and B501 are compatible with the following FACPs:

- IFP-2000/RPS-2000 Intelligent Fire Panel
- IFP-1000 Intelligent Fire Panel
- IFP-100 Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

