



**Model SD500-AIM  
Addressable Input Module  
And  
Model SD500-MIM  
Miniature Input Module**



**IntelliKnight's addressable contact monitor modules combine fast response with pin-point location ID. A combination that saves lives and property.**

The SD500-AIM and SD500-MIM are addressable input modules for use with Silent Knight's IntelliKnight fire control panel. The SD500-AIM and SD500-MIM are designed to be used with pull stations, water flow switches, and other applications requiring dry contact alarm initiation devices.

The SD500-AIM addressable input module mounts to a 4"-square box. The SD500-MIM mini input module fits inside a single gang box. The modules are supervised, single input contact monitors. Using an EOL resistor, they monitor for alarm contact closures and for open circuit wiring fault conditions.

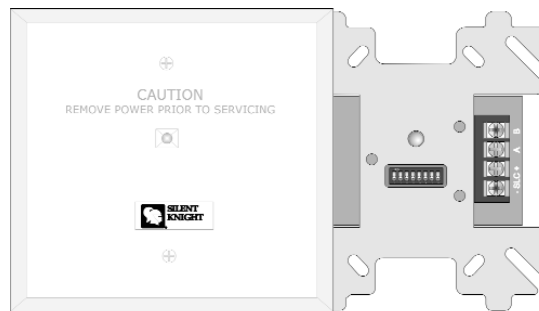
The SD500-AIM and SD500-MIM offer a compact design for adaptability and pleasing aesthetics as well as easy installation and stable operation—a flexible solution for all your fire protection needs.

## Model SD500-AIM and SD500-MIM Input Modules

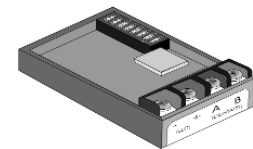
The addressable input modules expand the flexibility of the IntelliKnight system by allowing the use of contact type inputs. Typical applications include manual pull stations and water flow switches.

### Features

- Operates on Class A (Style 6 & Style 7) or Class B (Style 4) SLC Loop.
- Single contact monitor.
- Up to 127 modules per SLC loop.
- SD500-MIM mounts in a single gang box.
- SD500-AIM mounts in a 4"-square or double gang electrical box, and has an attractive ivory cover plate.
- SD500-AIM/MIM are DIP switch programmable.
- Accepts up to 14 gauge wire.
- Both modules UL 864 listed; comply with NFPA 72
- 2500 ft max. wiring distance from input module to contact.
- CSFM listed.
- MEA 429-92-E, Vol. 9
- FM approved



SD500-AIM



SD500-MIM

### Operation

Each addressable input module is programmed with a unique SLC loop address. The module supervises the wiring to the contact with an End Of Line (EOL) resistor. If a fault occurs in the wiring, the module alerts the FACP.

### Specifications

Operating Voltage:	24 VDC
Standby Current:	0.55 mA
Alarm Current:	0.55 mA
Ambient Temperature:	32°F to 120°F (0°C to 49°C)
Mounting:	SD500-AIM double gang box or 4"-square electrical box  SD500-MIM single gang box



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## Model SD500-AIM and SD500-MIM Addressable Input and Mini Input Modules

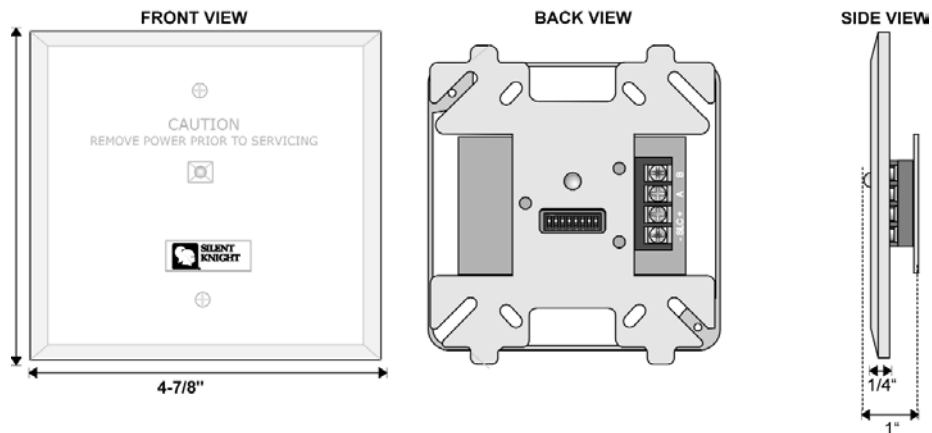


### Engineering Specifications

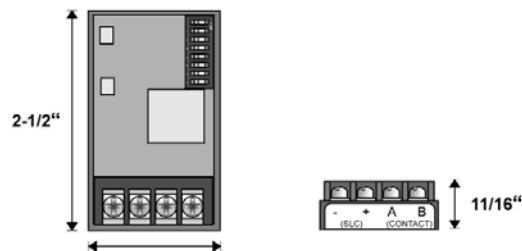
The contractor shall furnish and install where indicated on the plans, addressable input modules Silent Knight SD500-AIM or SD500-MIM. The modules shall be UL listed and compatible with Silent Knight's IntelliKnight FACPs.

The SD500-MIM shall fit inside a single gang electrical box. The SD500-AIM shall be supplied with a plastic cover and shall be suitable for mounting to a 4"-square or double gang electrical box. The SD500-AIM addressable input module must provide a monitor LED that is visible from outside the cover plate.

Model SD500-AIM



Model SD500-MIM



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**MADE IN AMERICA**

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