



Model SD505-6RB 6" Relay Base



Add a relay output to an addressable detector with Silent Knight's SD505-6RB

The SD505-6RB adds a relay output function to an addressable detector. Providing two Form C contacts rated at 8.0 amps for 240 VAC, 120 VAC and 30 VDC. The SD505-6RB allows you to control a wide variety of normally open and normally closed applications, including elevator recall, door closing, fan operation, and auxiliary notification. And, because the relay module is addressable, these applications can be located at any point in the signaling line circuit.

The SD505-6RB is compact and mounts in an extension base that is compatible with the SD505-APS, SD505-AIS, or SD505-AHS. Combine this with the features you've come to expect from Silent Knight fire protection devices—easy installation and stable operation—and it adds up to a flexible solution for all your fire protection needs.

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The SD505-6RB provides a set of Form C contacts rated at 8.0 amps for 240 VAC, 120 VAC and 30 VDC. The contact can be used for virtually any normally open or normally closed application.

Operation

Each relay module is programmed with a unique SLC loop address. When an event that controls the relay module occurs, the relay is triggered by the IntelliKnight panel.

Features

- Adds an 8.0 A relay output to an addressable detector
- Fully supervised
- Can be used with either style 4 or style 6 supervision.
- Mounts to a standard single or double gang electrical box.
- UL Listed
- Adds relay output without using another SLC addresses

Specifications

| | |
|---------------------------|-------------------------------------|
| Relay Rating: | 8.0A @ 30 VDC 8.0A @ 240/120 VAC |
| SLC Current Draw: | .082 mA |
| Max. SLC Loop Resistance: | 50Ω |
| Mounting: | Single or double gang |
| Operating Temperature: | 32°F to 120°F (0°C to 49°C) |



Model SD505-6RB



**SILENT
KNIGHT**

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6" Relay Base**

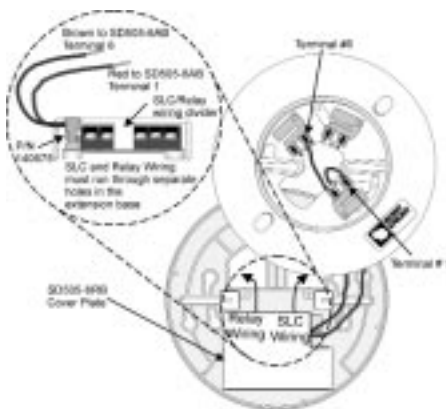


Engineering Specifications

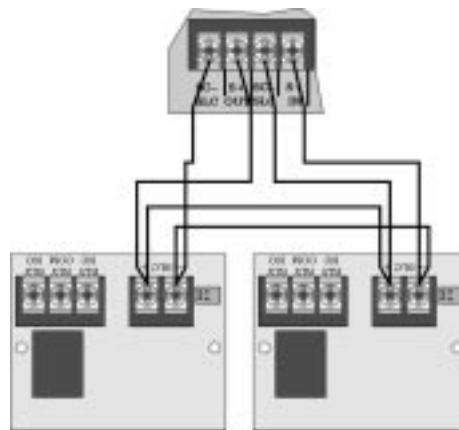
Relay base shall be Silent Knight module SD505-6RB. The base shall be compatible with Silent Knight smoke detectors modules SD505-APS and SD505-AIS, SD505-AHS. Each module shall be programmed with a separate SLC device address. The relay base shall provide two form C contacts rated 8 amps for 240 VAC or 120 VAC and 30 VDC.



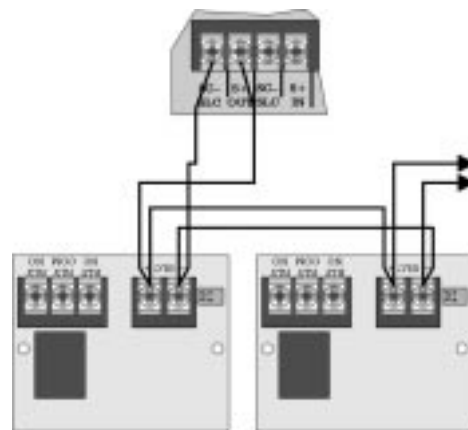
**Model SD505-6RB With Detector and 6" Base
(Detector sold separately)**



Assembly



Class A (Style 6) Wiring



Class B (Style 4) Wiring



**SILENT
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MADE IN AMERICA

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