



Model SD500-ANM Addressable Notification Module



The cost effective way to expand the IntelliKnight's notification circuits.

The SD500-ANM gives you the flexibility to add notification circuits wherever you need them. The SD500-ANM is a supervised addressable notification device that provides you with additional notification circuits on the IntelliKnight SLC loop. Up to 127 SD500-ANM modules can be used

on an SLC loop. The SD500-ANM provides a reverse polarity Class A or Class B notification appliance circuit with an aux power input. Each SD500-ANM is provided power from a separate power supply and is controlled and supervised by the main panel. Power can be provided near the signaling appliance to reduce the wire gauge requirements or can come from a main power supply and be controlled separately by the individual notification modules. The SD500-ANM can produce all 16 of the notification patterns available on the FACP.

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The SD500-ANM is an Addressable Notification Module for use with the IntelliKnight fire alarm control panel. The SD500-ANM provides a single class A or B circuit that is controlled by the IntelliKnight's Signaling Line Circuit. Power for the circuit is provided to the SD500-ANM module from a separate power supply, making it easy to power remote devices. The notification circuit, remote power and communication to the SD500-ANM are supervised by the IntelliKnight control panel.

Operation

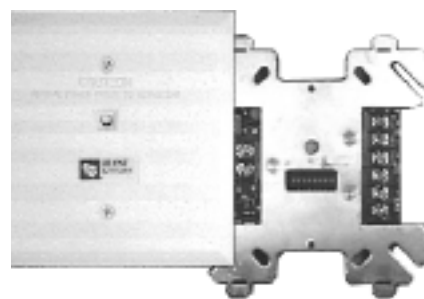
Each notification module is programmed with a unique SLC loop address. When an event that controls the notification module occurs, the notification switches its built-in relay feeding power from the auxiliary power input to the notification appliance.

Features

- Class A (Style Z) or Class B (Style Y) Notification Circuit.
- Flexible programming—choose the cadence pattern (twelve standard & four user-defined).
- Polling LED visible through cover plate.
- Adds up to 127 independent output circuits on each SLC loop.
- Supervised auxiliary power source input.
- Completely supervised.

Specifications

| | |
|---------------------------------|--------------------------------|
| Operating Voltage: | 24 VDC |
| SLC Current: | .55 mA |
| Aux. Power Current: | |
| Alarm: | 56 mA |
| Standby: | 6 mA |
| Notification Appliance Current: | 2 Amp Max. |
| Ambient Temperature: | 32°F to 120°F (0°C to 49°C) |
| Mounting: | 4-square electrical box. |



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Approvals

- UL listed, complies with NFPA 72
- CSFM
- MEA 429-92-E, Vol. 9

Compatible Control Panels

- 5820XL
- 5808
- 5700

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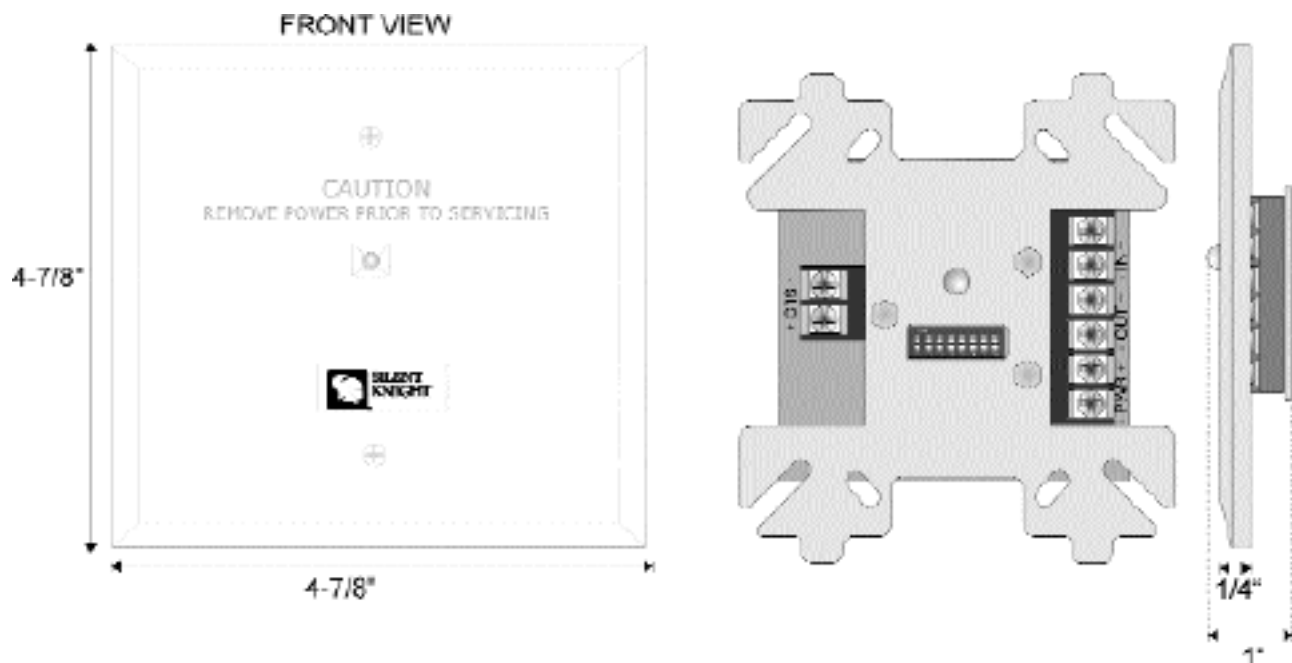
Engineering Specifications

The contractor shall furnish and install where indicated on the plans, addressable notification modules, Silent Knight SD500-ANM. The modules shall be UL listed compatible with a Silent Knight IntelliKnight fire alarm control panel.

The notification module must provide one Class A (Style Z) or Class B (Style Y) notification output with one auxiliary power input.

The notification module must be suitable for mounting in a standard 4-square electrical box and must include a plastic cover plate. The notification module must provide an LED that is visible from the outside of the cover plate.

The notification output must be fully programmable for such applications as are required by the installation.



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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 7550 Meridian Circle Suite 100, Maple Grove, Mn 55369-4927. Phone: (800) 328-0103, Fax: (763) 493-6475.

MADE IN AMERICA

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