



Model SD500-SDM Two-Wire Smoke Module



The IntelliKnight can handle new and retrofit installations with ease with the SD500-SDM

The SD500-SDM allows you to assign an address to a loop of conventional detection devices. These devices can be dry contacts such as pull stations and heat detectors, or 2-wire smoke detectors. This means you can retrofit an existing building and utilize existing conventional devices. The SD500-SDM uses a 24VDC auxiliary power input to power the conventional loop, and is connected to the SLC loop via two wires. The conventional loop can be configured as Class A or Class B giving you the flexibility to handle any job.

Feature

- Converts a conventional two-wire loop to an SLC loop
- Fully supervised
- Compatible with Class B and Class A loops
- Listed for use with all major two-wire detectors
- UL Listed

Specifications

Operating Voltage:
 SLC: 32 VDC
 Aux Power: 24 VDC

Aux Power Current:
 Standby: 20 mA
 Alarm: 106 mA

SLC Current:
 Standby/Alarm: .55 mA

Max. SLC Loop
 Resistance: 50Ω

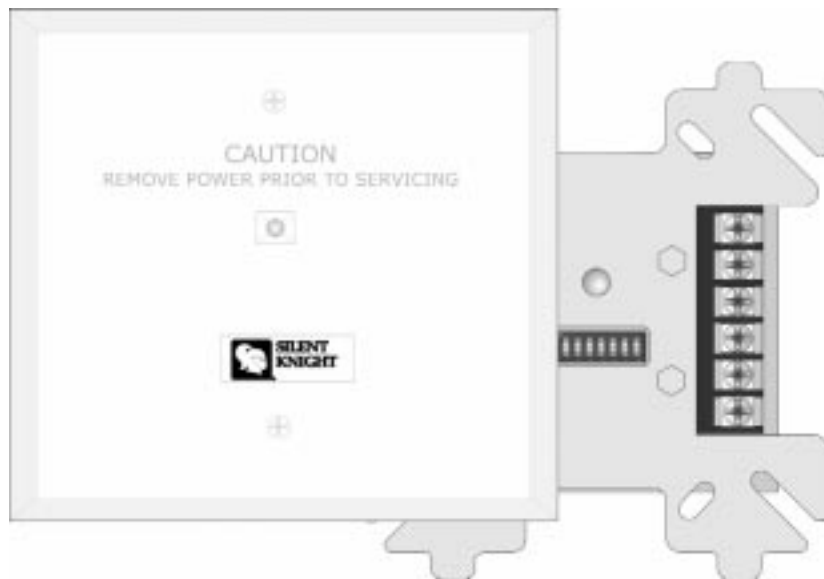
Max. 2-Wire Conventional
 Smoke Loop Resistance: 50Ω

Dimensions:
 Height: 4-7/8" (12.38 cm)
 Width: 4-7/8" (12.38 cm)
 Depth: 7/8" (2.22 cm)

Operating Temperature: 32°F to 120°F
 (0°C to 49°C)

Humidity: 10 to 85% RH

Indoor Use Only



Model SD500-SDM



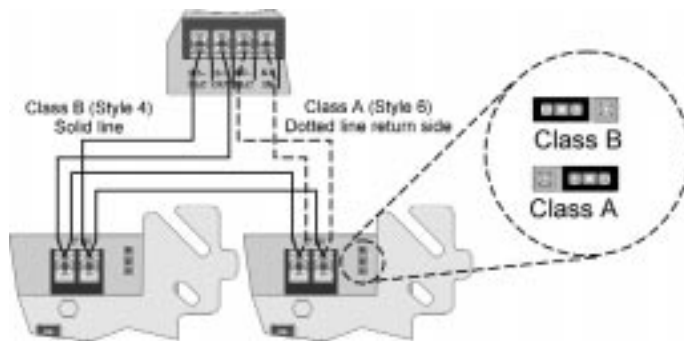
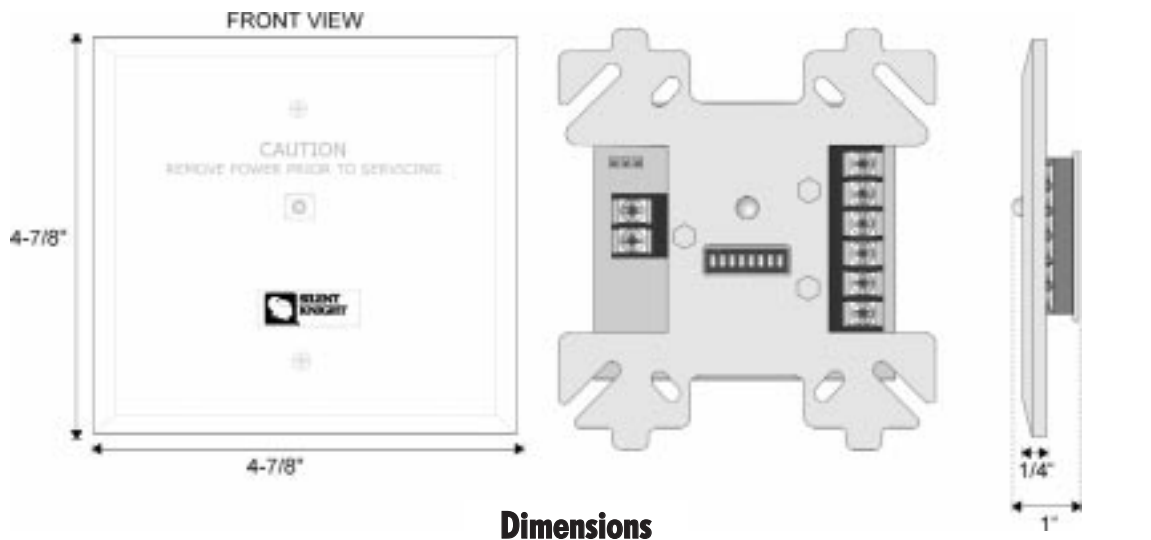
**SILENT
KNIGHT**

Model SD500-SDM Two-Wire Smoke Module

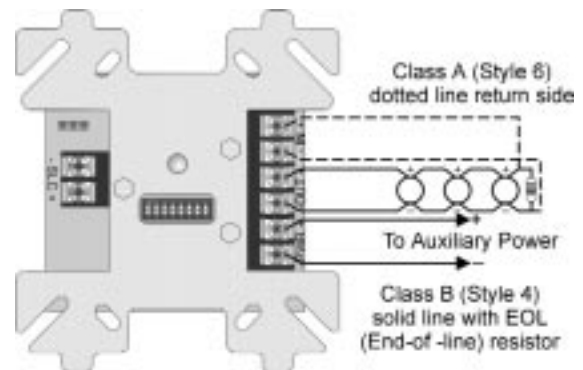


Engineering Specifications

The contractor shall furnish and install where indicated on the plans, two-wire smoke modules, Silent Knight SD500-SDM. The modules shall be UL listed compatible with Silent Knight's Intelliknight 5820XL fire panel.



Model SD500-SDM Wiring



Model SD500-SDM Detector Wiring



**SILENT
KNIGHT**

7550 Meridian Circle, Maple Grove, MN 55369-4927

800-446-6444 or in Minnesota 612-493-6435

FAX: 612-493-6475

World Wide Web: <http://www.silentknight.com>

MADE IN AMERICA

FORM# 350314, Rev. 01/00

Copyright © 2000 Silent Knight