

# Farenhyt

## SD500-AIM & SD500-MIM

The SD500-AIM and SD500-MIM are addressable input modules for use with the Farenhyt fire alarm control panels (FACPs). The SD500-AIM addressable input module mounts to a 4"-square box. The SD500-MIM mini input module fits inside a single gang box. Both input modules are designed to be used with pull stations, water flow switches, and other applications requiring dry contact alarm initiation devices.

These modules are supervised, single input contact monitors. Using an EOL resistor, they monitor for alarm contact closures and for open circuit wiring fault conditions. If a fault occurs in the wiring, the module alerts the FACP. Each addressable input module is programmed with a unique signal line circuit (SLC) loop address.

### Features

- Single contact monitor
- SD500-AIM supports Class A (Style D) or Class B (Style B) contact monitor wiring
- SD500-MIM supports Class B (Style B) contact monitor wiring
- Attractive ivory cover plate with the SD500-AIM
- Small and lightweight size allows for flexible mounting options with the SD500-MIM
- DIP switch programmable for fast installation
- Up to 2500 ft wiring distance from either input module to contact
- Use up to 14 gauge wire
- UL listed

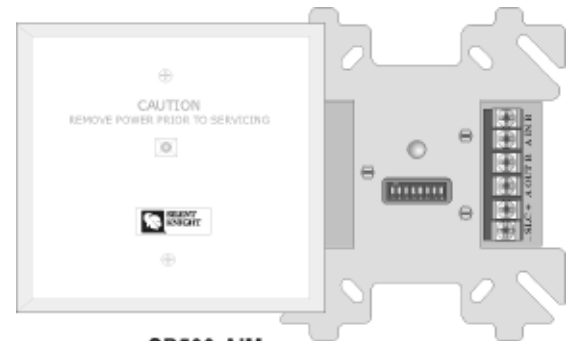
### Installation

The SD500-AIM mounts in a 4" square or double gang junction box. The SD500-MIM mounts in a single gang junction box directly behind the monitored device. Its small size and light weight allow it to be installed without rigid mounting requirements.

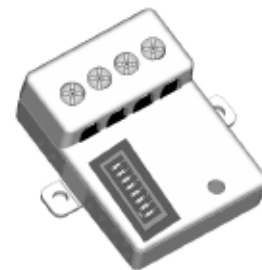
Dry Contact Input Module



**MEA**  
429-92-E Vol. IX



SD500-AIM



SD500-MIM

### Compatibility

The SD500-AIM and SD500-MIM are compatible with the following FACPs:

- IFP-1000 Intelligent Fire Panel
- IFP-100 Intelligent Fire Panel
- IFP-50 Intelligent Fire Panel

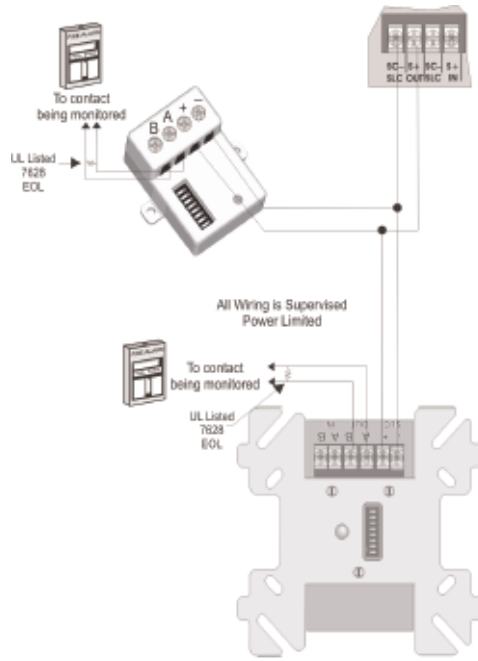
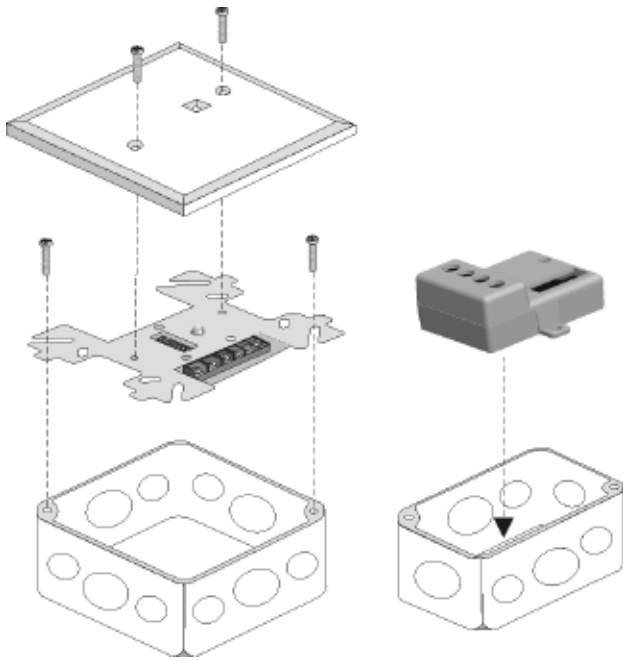


**SILENT  
KNIGHT**

by Honeywell

7550 Meridian Circle, Suite 100  
Maple Grove, Mn 55369-4927  
763-493-6455 or 800-328-0103  
Fax: 763-493-6475  
www.farenhyt.com

P/N 350232 Rev D  
© 2008 Honeywell International Inc.



## Specifications

### Physical

SD500-AIM

Width: 4.9" (12.4 cm)

Height: 4.9" (12.4 cm)

Depth: 1" (2.5 cm)

Shipping Weight: 3.6 oz (120.1 g)

SD500-MIM

Width: 1.5" (3.8 cm)

Height: 2.5" (6.4 cm)

Depth: 0.7" (1.8 cm)

Shipping Weight: 1.6 oz (45.4 g)

### Electrical

Standby Current: 0.55 mA

Alarm Current: 23 mA max for one device; 46 mA max for two devices; 0.55 mA for each additional device

Line Resistance: 50Ω max

### Environmental

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

Humidity: 10% – 93% non-condensing

### Approvals

NFPA 72

UL Listed

CSFM 7300-0559: 132;

MEA 429-92-E Vol IX

FM approved for use with IFP-1000

### Ordering Information

SD500-AIM

Addressable Input Module

SD500-MIM

Addressable Mini Input Module



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 the U.S.A.