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
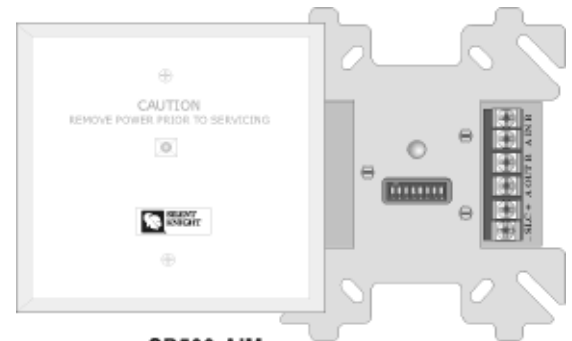
- Use up to 14 gauge wire

- 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

SD500-AIM

SD500-MIM

Compatibility

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

- IFP-1000 Intelligent Fire Panel

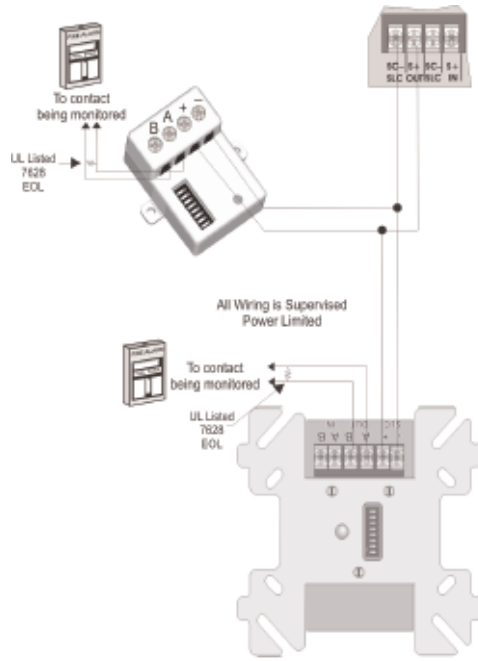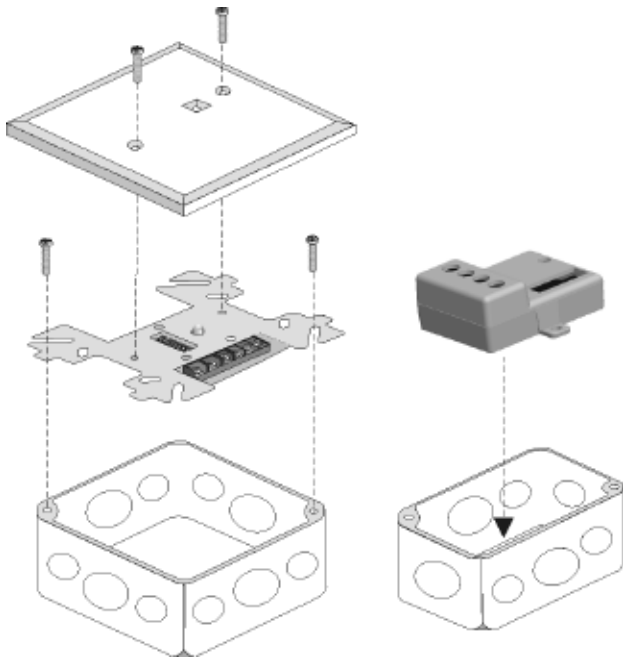- IFP-100 Intelligent Fire Panel

- IFP-50 Intelligent Fire Panel

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: 32ºF – 120ºF (0ºC – 49ºC)

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

SILENT KNIGHT
by Honeywell