



# SD500-LIM

## Line Isolator Module

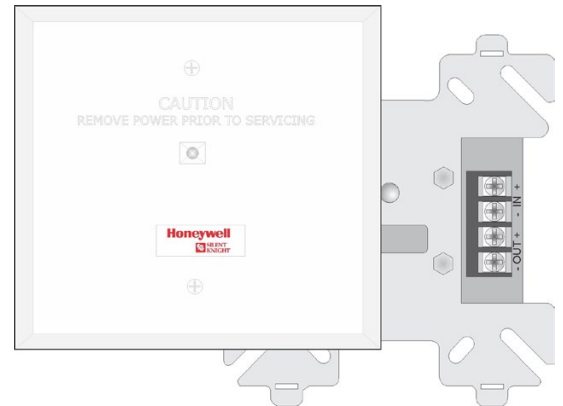
The SD500-LIM Line Isolator Module is compatible with Honeywell Silent Knight FACPs. The SD500-LIM can be used on Style 7 (Class A), and Style 4 (Class B) wiring configurations. The SD500-LIM can isolate a short circuit wiring fault on a SLC loop. Normally if a short on the SLC loop occurs, communication on the loop can be disrupted. When isolator modules are used and a short occurs on the SLC loop, it will be detected as a trouble but all the SLC devices that are protected by a line isolator module will continue to operate.

The SD500-LIM mounts in a standard dual gang or 4" square electrical box..

### COMPATIBILITY

The SD500-LIM is compatible with the following Honeywell Silent Knight FACPs:

- 6820: Addressable fire alarm control panel with up to 1,110 addressable points
- 6820EVS: Addressable fire alarm control panel with an emergency mass notification system, up to 1,110 addressable points
- 6808: Addressable fire alarm control panel with up to 198 addressable points
- 6700: Addressable fire alarm control panel with up to 100 addressable points
- 5820XL: Addressable fire alarm control panel
- 5820XL-EVS: Addressable fire alarm control panel with an emergency communication systems
- 5808: Addressable fire alarm control panel
- 5700: Addressable fire alarm control panel

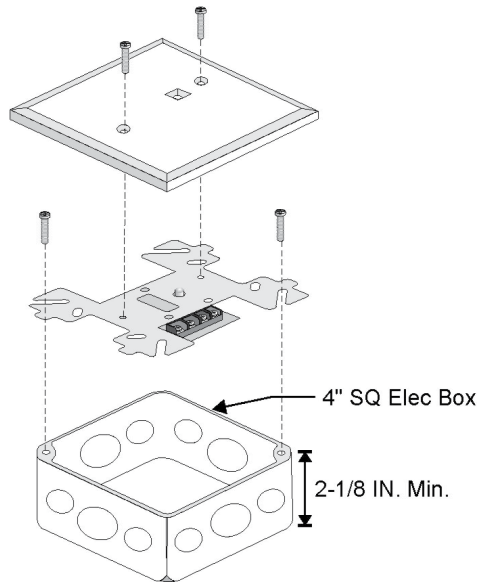


**SD500-LIM**

## FEATURES & BENEFITS

- Isolates short circuits on an SLC loop.
- Protects other modules on the loop so other devices continue to operate
- Can be used on Style 7 (Class A), and Style 4 (Class B) wiring configurations.
- Mounts in a standard dual gang or 4" square electrical box.

# SD500-LIM Technical Specifications



**TYPICAL MOUNTING FOR SD500-LIM**

For a complete listing of all compliance approvals and certifications, please visit [www.silentknight.com](http://www.silentknight.com).

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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 Technical Support, call 800-446-6444.

## PHYSICAL

**Dimensions:** 4-7/8"W x 4-7/8"L x 7/8"D (12.38 x 12.38 x 2.22 cm)

**Mounting:** 4" square

## ENVIRONMENTAL

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

**Humidity:** 0 to 93% relative humidity (non condensing)

## ELECTRICAL

**Operating Voltage:** 32VDC

**Battery Current draw during AC Loss:** .092mA

**SLC Current:** .092mA

**Max. SLC Loop Resistance:** 50Ω

## ORDERING INFORMATION

**SD500-LIM:** Line isolator module

## AGENCY LISTINGS AND APPROVALS

- UL Listed
- CSFM
- MEA 429-92-E, Vol 9
- FM approved

## For more information

Learn more about Honeywell Silent Knight and other products by visiting [www.silentknight.com](http://www.silentknight.com)

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