



**SILENT  
KNIGHT**

by Honeywell

## SD500-LED LED Driver Module

**Have an installation that needs a custom annunciator, meet that requirement by using the SD500-LED**

The SD500-LED is a LED driver module capable of driving 80 LEDs which connects to the SLC loop on a Silent Knight addressable control panel.

Up to 40 SD500-LED modules can be used per SLC loop with a maximum of 100 SD500-LED modules per system.

### Features

- Capable of driving 80 LEDs per SD500-LED
- Up to 40 SD500-LEDs can be used per SLC loop
- Compatible with all Silent Knight Addressable Fire Alarm Control Panels
- UL Listed

### Specifications

#### Auxiliary Current:

Alarm:	220 mA
Standby:	10 mA
LED:	10 mA

#### SLC Max.

##### Current:

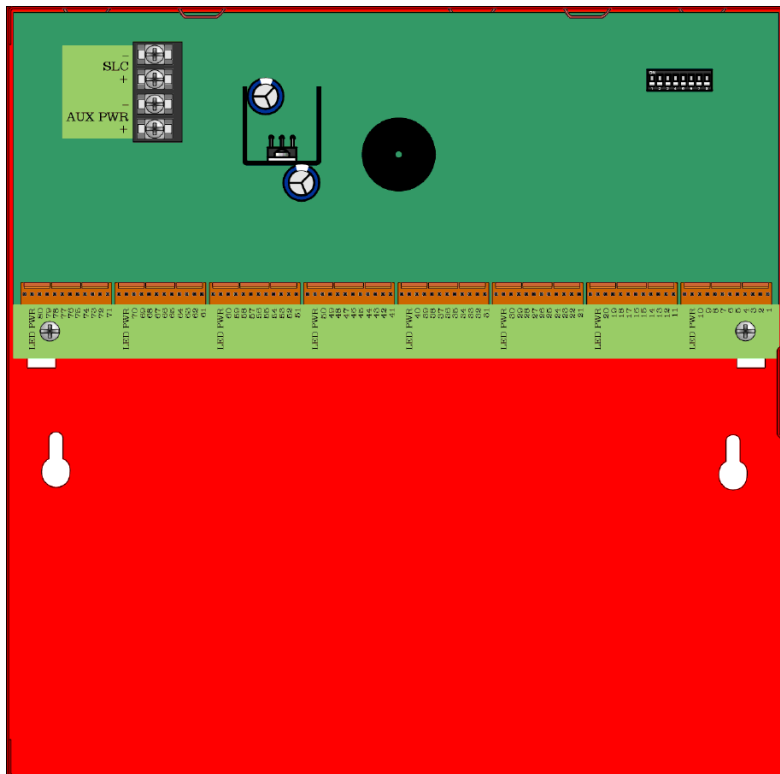
Alarm:	.55 mA
Standby:	.55 mA

#### Operating

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

#### Dimensions:

Height:	10-3/16" (25.9 cm)
Width:	10-3/8" (26.4 cm)
Depth:	3" (7.6 cm)



**SD500-LED**

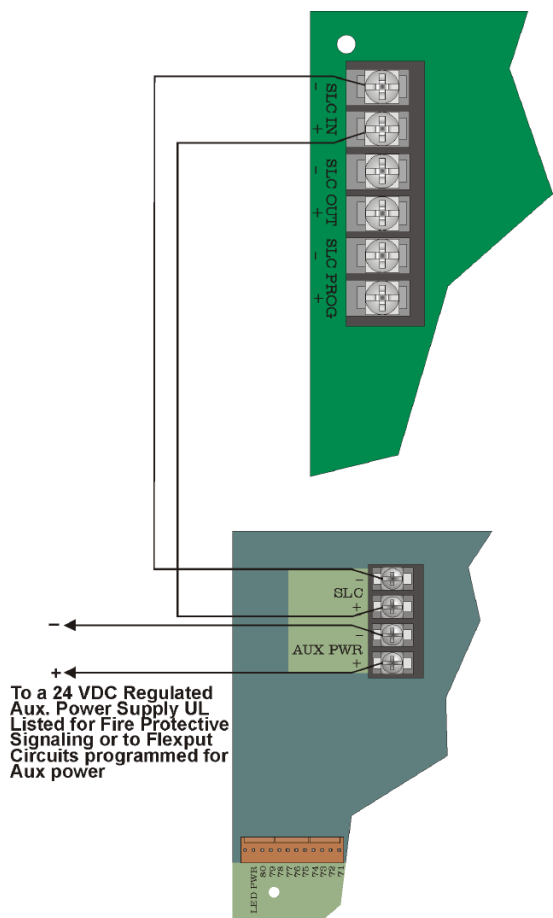
### Compatible FACPs

5820XL  
5820XL-EVS  
5808  
5700

# SD500-LED LED Driver Module

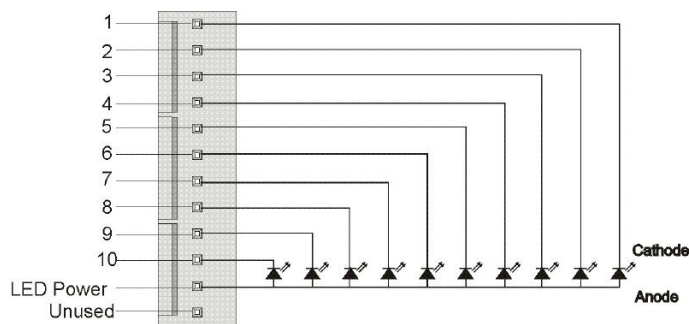
## Engineering Specification

The contractor shall furnish and install where indicated on the plans, SD500-LED Driver Modules which communicate with the FACP via the SLC. The module shall be supervised by the FACP. Each module shall provide 80 LED driver circuits that do not require additional current limiting resistors. The LED outputs shall be programmable to annunciate system status and alarm, trouble and supervisory conditions. The system shall be able to support 40 SD500-LED Driver Modules per SLC loop with a maximum of 100 SD500-LED modules per system. The SD500-LED shall provide its own enclosure. The SD500-LED shall be UL listed and compatible with the Silent Knight addressable fire alarm control panel.



To a 24 VDC Regulated  
Aux. Power Supply UL  
Listed for Fire Protective  
Signaling or to Flexput  
Circuits programmed for  
Aux power

**SLC Connection to  
the FACP**



**LED Wiring**



**SILENT  
KNIGHT**

by Honeywell

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 12 Clintonville Road, Northford, CT 06472-1610. Phone: (800) 328-0103, Fax: (203) 484-7118. For Technical Support, Please Call 800-446-6444. [www.silentknight.com](http://www.silentknight.com)

**MADE IN AMERICA**

FORM# 350243 Rev C

© 2013 Honeywell International Inc.