Farenhyt

SD500-LED
LED Driver Module

The SD500-LED is a LED driver module capable of driving 80 LEDs which connect 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 (see compatible FACPs below for details on maximum 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 Silent Knight addressable Fire Alarm Control Panels

• UL Listed

• Comes with its own enclosure

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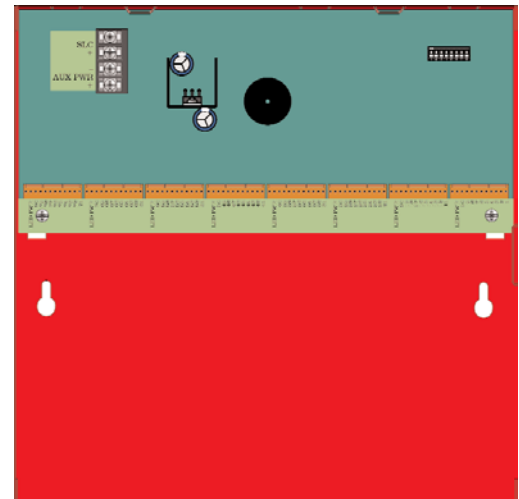|	
Height:	10-3/16" (25.9 cm)
Width:	10-3/8" (26.4 cm)
Depth:	3" (7.6 cm)

Compatible FACPs

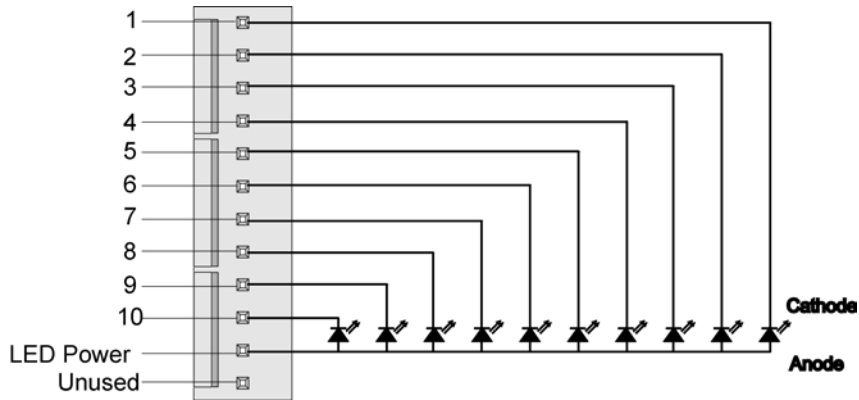IFP-1000   (100 SD500-LED Max. per System)

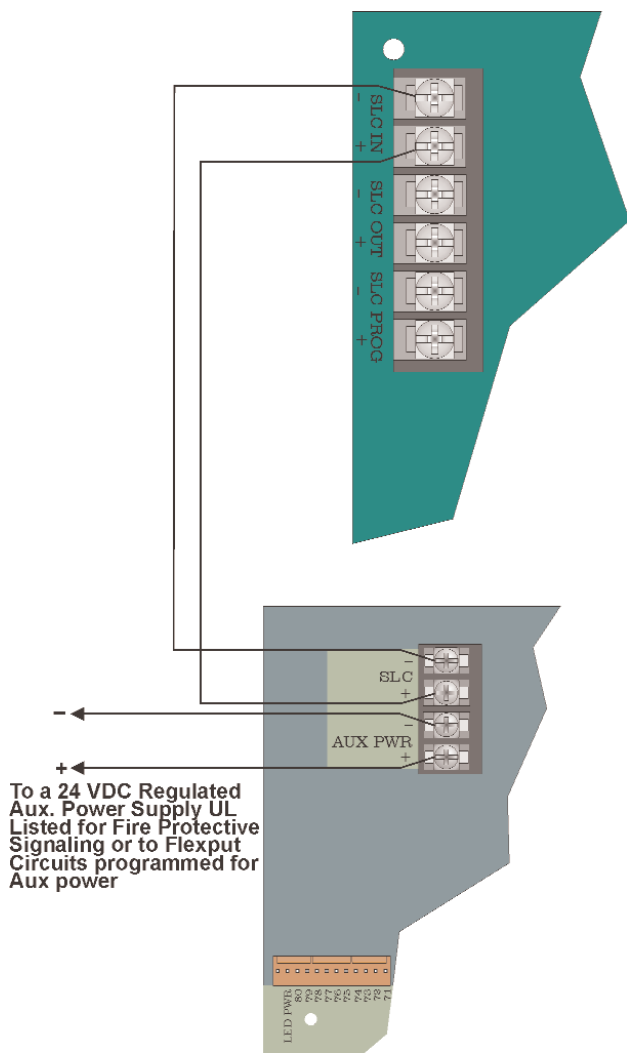IFP-100   (40 SD500-LED Max. per System)

SD500-LED

SILENT KNIGHT

7550 Meridian Circle
Maple Grove, Mn 55369-4927
763-493-6455
1-800-328-0103
Fax: 763-493-7475
http://www.farenhyt.com
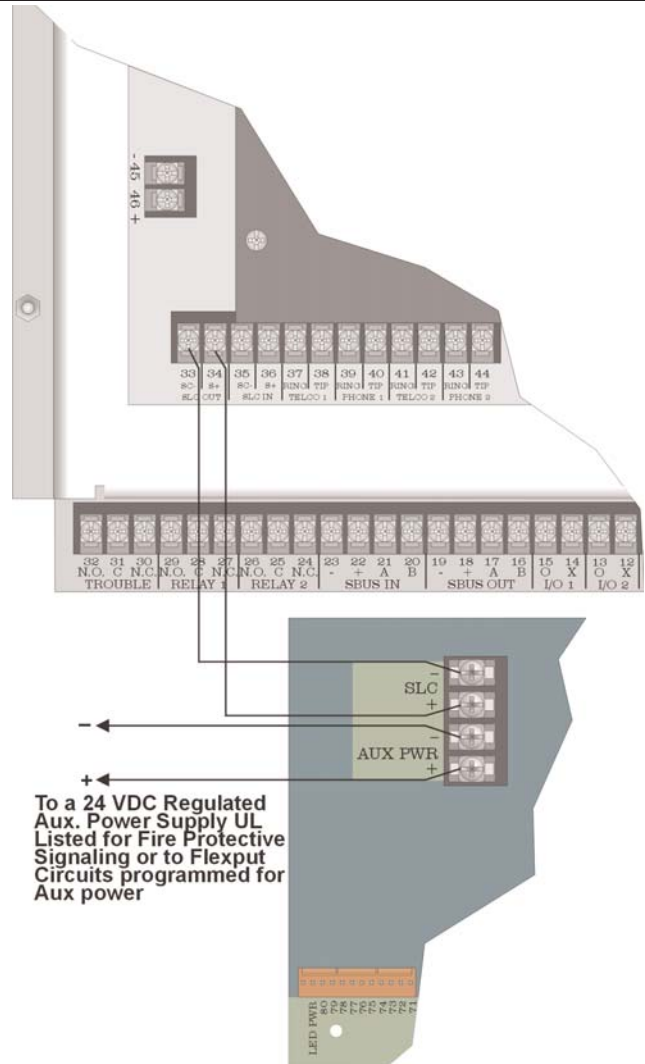
LED Wiring

1
2
3
4
5
6
7
8
9
10
LED Power
Unused

Cathode
Anode

SLC Connection to the IFP-100

SLC IN
SLC OUT
SLC PROG

SLC
AUX PWR

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

LED PWR

SLC Connection to the IFP-1000

- 45 46 +

33 34 35 36 37 38 39 40 41 42 43 44
SO- S+ SO- S+ RING TIP RING TIP RING TIP RING TIP
SLC OUT SLC IN TELCO 1 PHONE 1 TELCO 2 PHONE 2

32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12
N.O. C N.C. N.O. C N.C. N.O. C N.C. - + A B - + A B O X O X
TROUBLE RELAY 1 RELAY 2 SBUS IN SBUS OUT I/O 1 I/O 2

SLC
AUX PWR

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

LED PWR