

The information contained in this installation instruction is a quick reference guide. For detailed system information refer to the NAPCO's Control Panel or SLC Module installation manual. This instruction will not address specific programming procedures.

### GENERAL DESCRIPTION

This instruction applies to the Supervised Output Module (FWC-FSLC-SOM1) which is to be connected to NAPCO DCP Signaling Line Circuit (SLC). Typical applications are supervised 24VDC to output to audible and visual fire alarm indicating devices such as horns, bells, strobes, etc. Indicating device output provides supervision for open and short circuit conditions. Uses auxiliary power input for device operation and for powering signaling devices.

### MOUNTING REQUIREMENTS

The Supervised Output module is mounted as shown in Figure 2 on page 2 of this instruction.

### WIRING

**NOTE:** All wiring must conform to local codes, ordinances and regulations.

- 1) Install module wiring in accordance with the job drawings and appropriate wiring diagram (see Fig.3).
- 2) Secure the module to a U.L. listed electrical box (supplied by installer), as shown in Figure 2.
- 3) Address must be set before cover plate is attached (see Figure 1).

**NOTE:** An average of 6.75mA (communication current) per loop of of SLC devices, must be factored into the panel battery backup calculations.

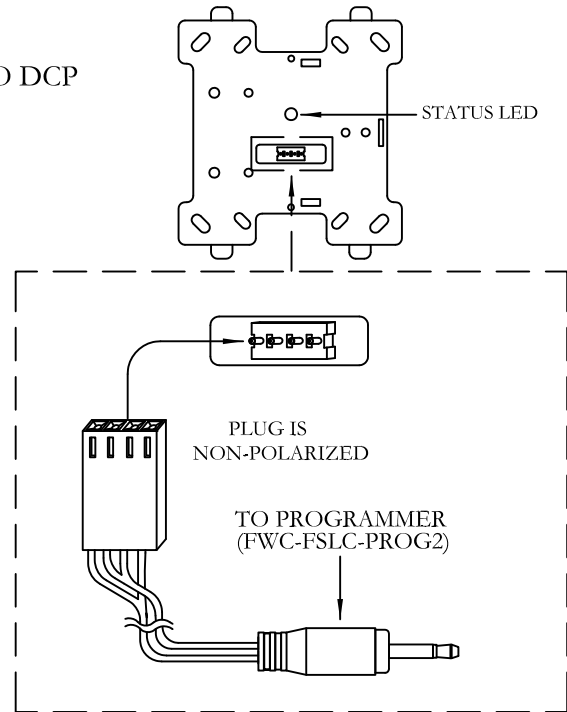


FIGURE 1.  
EXPLODED VIEW OF ADDRESS  
PROGRAMMING PLUG AND CONNECTOR

**CAUTION !!!**  
TO ENSURE PROPER  
OPERATION CONNECT THIS  
MODULE TO A COMPATIBLE  
FIRE CONTROL PANEL ONLY.  
REFER TO PANEL  
INSTRUCTIONS FOR PROPER  
CONNECTION AND  
COMPATIBILITY.

**CAUTION !!!**  
If this module will be installed  
in an existing operational system,  
inform the operator and local  
authority that the system will be  
temporarily out of service.  
Disconnect power to the control  
panel before installing the  
module.

### SPECIFICATIONS

SLC Applied Voltage	Rated Range 25.3 – 39 VDC
SLC Current Consumption	Maximum 161µA Nominal 154µA
Auxiliary Applied Voltage	Nominal 24VDC
24VDC Auxiliary Current Consumption	1.15mA
Maximum Output Current (OUT+/OUT-, IN+/IN-)	2A @ 24VDC Power Factor 0.6
EOL Device for OUT+ & OUT-	NAPCO EOL Part No. 0400-02350 10KΩ
Visual Indicator (Status LED)	bi-color LED – Green & Red Color & Mode – Selected and Programmed by Control Panel's software
Operating Temperature Range	0°C (32°F) ~ 49°C (120°F)
Storage Temperature Range	-30°C (-22°F) ~ 70°C (158°F)
Maximum Relative Humidity	Up to 90% RH non-condensing
Environment	Indoor dry use only
Dimensions	4.2"W X 4.7"H X .85"D
Weight	Approximately 3.0 ounces

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FIGURE 2

