

#### FEATURES:

- UL 864 9th Edition Listed
- Flexible application
- Quick response to emergency conditions
- Operation parameters are maintained by the module, and individual communication with the control system during emergency conditions is not required
- Contacts are rated 2.0A @ 24VDC
- Programming is highly flexible providing 16 priority states plus zoning capability

#### Program status:

- LED will flash red or green
- Programmed device output is turned off, silenced

#### DESCRIPTION:

The FWC-FSLC-SOM1 Supervised Output Module has been designed to provide application flexibility and quick response to emergency conditions. Flexibility is provided by a wide range of operating modes, including supporting multi-zone operations, and/or functions, up to 16 different modulation patterns and multi-state programming.

The operating parameters for the FWC-FSLC-SOM1 are maintained by the module and do not require individual communication with the control system during emergency conditions to operate. The control panel simply broadcasts system conditions on the Signaling Line Circuit (SLC) and the FWC-FSLC-SOM1s do the rest based upon the custom configuration.

Each FWC-FSLC-SOM1 provides a Class B Individual Circuit rated for 2.0A @ 24VDC. Each FWC-FSLC-SOM1 also requires a 24V power source in addition to the SLC. Software controlled LED indication: Blinks green or red when polled, or can be latched on.

## Addressable Supervised Output Module FWC-FSLC-SOM1



#### LISTINGS:

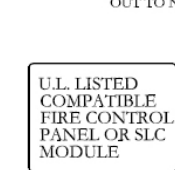
- UL864 9th Edition: Commercial Fire
- NFPA 72 National Fire Alarm Code
- CSFM: California State Fire Marshall
- NYCFD: NYC Fire Department

#### SPECIFICATION:

The contractor shall furnish and install where indicated on the plans, an addressable Supervised Output Module FWC-FSLC-SOM1.

The modules shall be UL Listed and compatible with SLC communications protocol-supported control panel loops. The device address shall be electrically programmable and stored in the EEPROM. A bi-colored LED shall indicate device status. The FWC-FSLC-SOM1 shall be supplied with a plastic cover and shall be suitable for mounting to a 4" square or double gang electrical back box. The FWC-FSLC-SOM1 shall provide a monitor LED that is visible from outside the cover plate.

SPECIFICATIONS	
SLC Applied Voltage	Rated Range 25.3 - 39 VDC
Auxiliary Applied Voltage	Nominal 24VDC
SLC Current Consumption	Nominal 154μA; Maximum 161μA
24VDC Auxiliary Current Consumption	1.15mA
Maximum Output Current	2A @ 24VDC Power Factor 0.6
Visual Indicator (Status LED)	bi-Color LED (green/red)
EOL Device for OUT+ & OUT–	Napco Part # 0400-02350 10KΩ Resistor
Operating Temperature	32°F to 120°F (0°C to 49°C) Indoor Use Only
Storage Temperature Range	-22°F to 158°F (-30°C to 70°C)
Maximum Humidity	Up to 90% RH Non-Condensing
Dimensions	4.2"W x 4.7"H x 0.85"D
Weight	Approx. 3 oz.



**NOTE:** Only the same size wire from 12 to 22 AWG may be connected terminal block TB1 when more than one conductor is being connected under each terminal. Maximum of 2 conductor per terminal.

OUTPUT TO COMPATIBLE U.L. LISTED DEVICES FOR FIRE PROTECTION SIGNALING SERVICE

+ OUT TO NEXT MODULE -

U.L. LISTED 1481 24VDC  
REGULATED, POWER  
LIMITED SUPPLY FOR FIRE  
PROTECTION SIGNALING  
SERVICE FOR AUDIBLE  
DEVICES. REFER TO  
CONTROL PANEL  
MANUFACTURER'S  
INSTALLATION  
INSTRUCTIONS.

ALL WIRING SHOWN ON TB2  
IS SUPERVISED AND  
INHERENTLY POWER LIMITED

**WARNING!!!**  
USE ONLY FPL, FPLR, OR  
FPLP WIRING IN ACCORDANCE  
WITH ARTICLE 760 OF THE  
NATIONAL ELECTRICAL CODE.

FIGURE 3.  
WIRING DIAGRAM