

INSTALLATION INSTRUCTIONS FOR FFO-OM SUPERVISED OUTPUT MODULE

The information contained in this installation instruction is a quick reference guide. For detailed system information refer to the panel manufacturer's installation manual. This instruction will not address specific programming procedures.

GENERAL DESCRIPTION

This instruction applies to the DCP Supervised Output Module (FFO-OM) which is to be connected to a 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 DCP 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.

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.

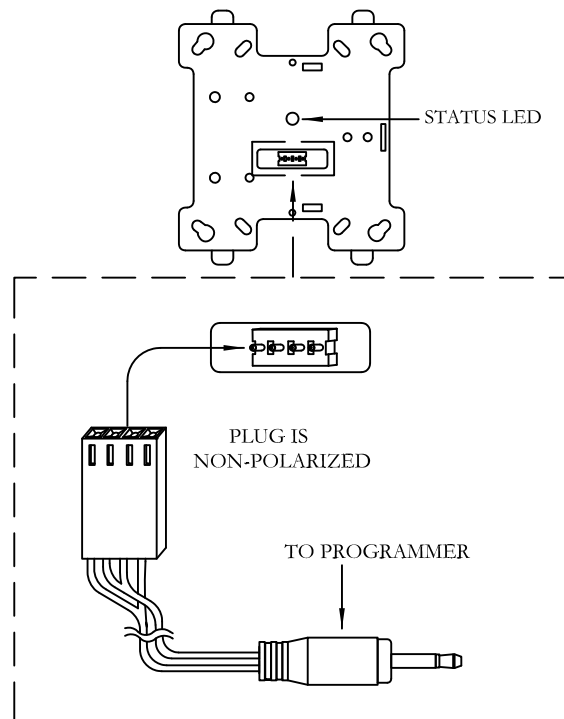


FIGURE 1.
EXPLODED VIEW OF ADDRESS PROGRAMMING PLUG AND CONNECTOR

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- | HOCHIKI AMERICA CORP. EOL Part No. 0400-01046 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 | | |

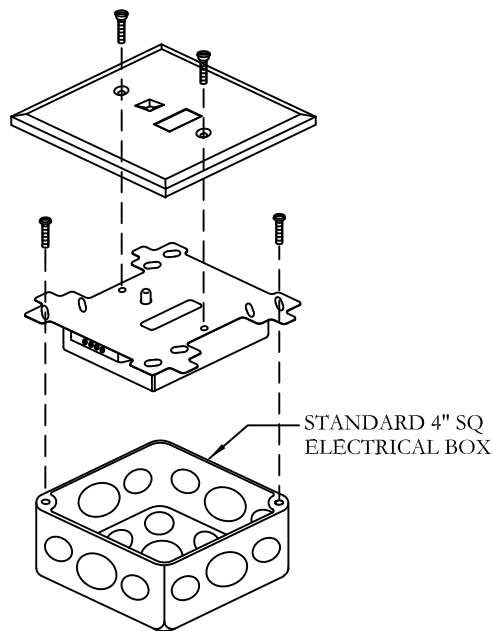


FIGURE 2

TYPICAL MOUNTING ARRANGEMENT

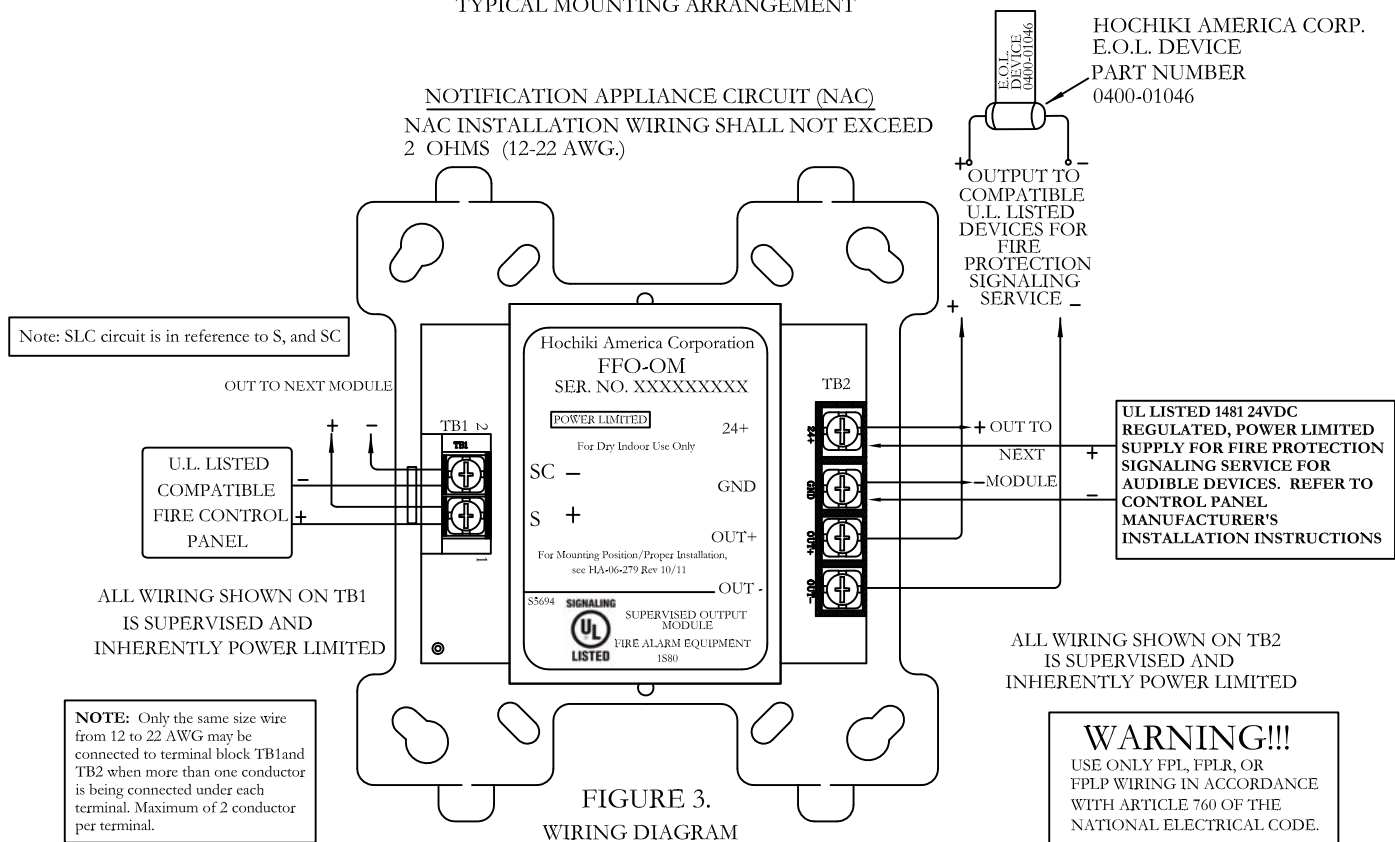


FIGURE 3.
WIRING DIAGRAM

One Year Limited Warranty

Hochiki America (HA) warrants its digital communication modules to be in conformance with its own plans and specifications and to be free from defects in materials and workmanship under normal use and service for a period of one (1) year from date of delivery. All warranties are void and HA is not obligated to repair or replace equipment which has been repaired by others, abused, improperly installed, altered or otherwise misused or damaged or exposed to conditions outside the products specifications in any way. HA will not be responsible for any dismantling, reassembling or re-installation charges. Please contact HA's Sales department for proper procedure for claims and return of merchandise. This warranty is in lieu of all other warranties expressed or implied.