

INSTALLATION INSTRUCTIONS FOR DCP-SRM SOLENOID RELEASING 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 is generic and will not address specific programming procedures.

GENERAL DESCRIPTION

This instruction applies to the DCP Solenoid Releasing module which is to be connected to a DCP signal conditioning loop (SCL). Typical applications are supervised 24VDC to fire alarm releasing solenoids release supervision circuit

MOUNTING REQUIREMENTS

The DCP Solenoid Releasing module has one mounting option. See 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.4).
- 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).

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.

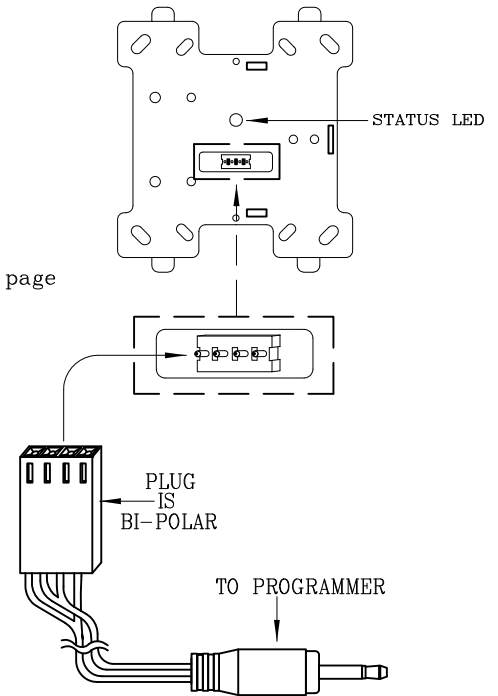
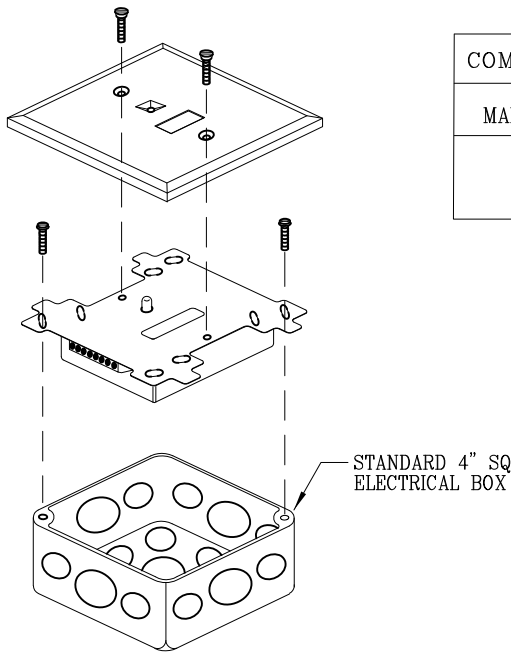


FIGURE 1.
VIEW OF PROGRAMMING PLUG AND CONNECTOR

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

SPECIFICATIONS	
SLC Applied Voltage	Rated Range 25.3 - 39 VDC
SLC Current Consumption	Maximum 300µA Nominal 220µA
Auxiliary Applied Voltage	Maximum 26VDC Nominal 24VDC
24VDC Auxiliary Current Consumption	Nominal 10mA Maximum(Alarm) 2A
Maximum Output Current to SOL+ SOL-	2A @ 24VDC Power Factor 0.35
EOL Device for SOL+ SOL-	Supervise wiring through solenoid coil
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



COMPATIBLE RELEASING SOLENOIDS	
MANUFACTURER	PART NO.
VES	11591
VES	11595
ASCO	HV2740607
ASCO	HV2185328

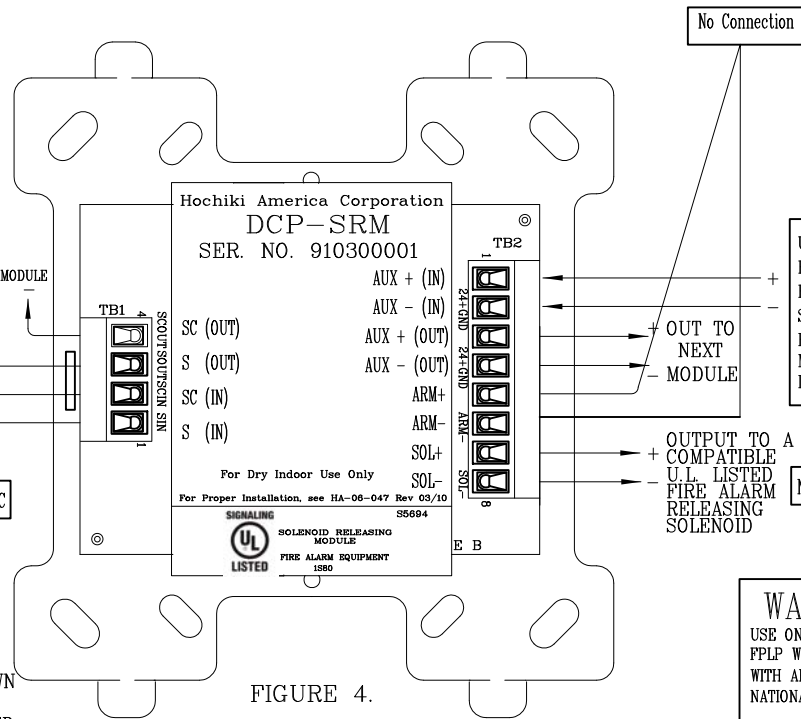
FIGURE 2
TYPICAL MOUNTING ARRANGMENT

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.

U.L. LISTED COMPATIBLE FIRE CONTROL PANEL

Note: SLC circuit is in reference to S, and SC

CIRCUIT SOL+, SOL- SHOWN IS SUPERVISED AND INHERENTLY POWER LIMITED



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

Note: Installation Wiring Max Impedance is 100

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

FIGURE 4.
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.