



XP95A Sounder Control Module

Model SCM-825

General Description

The XP95A Sounder Control Module is designed to fit into a 4" junction box. The red indicating LED is visible through the cover plate. The unit monitors and controls one circuit of notification appliances or switches audio to a voice evacuation speaker circuit.

An eight position dip switch allows for setting the device address and whether the notification appliance circuit (NAC) is wired to the module as a Class A (Style Z) or Class B (Style X) circuit.



This unit requires power from a separate, regulated, power limited 24 VDC supply that is UL Listed for Fire Protective Signaling per NFPA 72.

Specifications

Module Part Number:	55000-825
SLC wiring:	Two wire supply, polarity insensitive
Supply Voltage:	16-28 VDC
Current Consumption:	Normal operation and sounder active 1mA (.001 A)
Style:	Styles 4, 6, and 7 switch selectable
Terminations:	Screw terminals
End-of-line Resistor:	None
Alarm Indicator:	Red LED visible through cover plate
External Power Supply:	24 VDC, regulated, power limited, UL Listed for Fire Protective Signaling per NFPA
Sounder Circuit:	
Relay rated	2A @ 30 VDC, 0.6A @ 125 VAC.
Style:	Class A (Style Z) or Class B (Style X) dip switch selectable
End-of-line Resistor:	47K
Speaker Mode:	Jumper selectable (moving jumper disables power supply supervision) Note: Audio amplifier must have wire supervision capability as per NFPA.
Terminations:	Screw terminals
Operating Temperature:	0°F to 155°F (-20°C to +70°C)
Humidity:	0% to 95% relative humidity (No condensation or icing)
Dimensions:	4 in. X 4 in. X 1.3 in. (113mmW X 113mmH X 30mmD)
Weight:	3-oz. (85.8g)
Materials:	Housing/cover plate is white polycarbonate V-O rated to UL 94
Mounting:	Centers to fit 4" box, NEMA OS-1-1989
Approvals:	Underwriters Laboratories



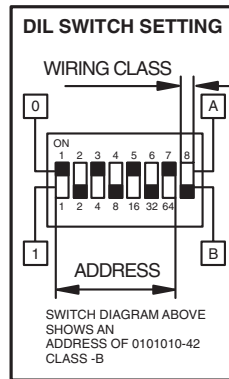
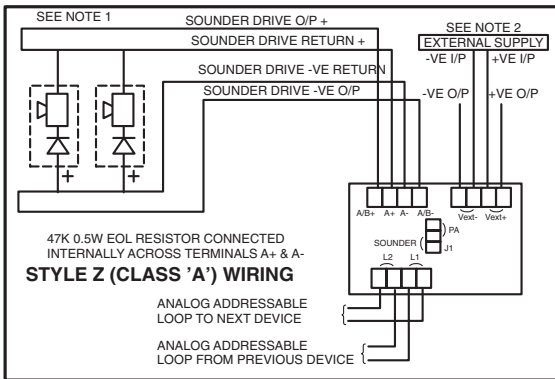
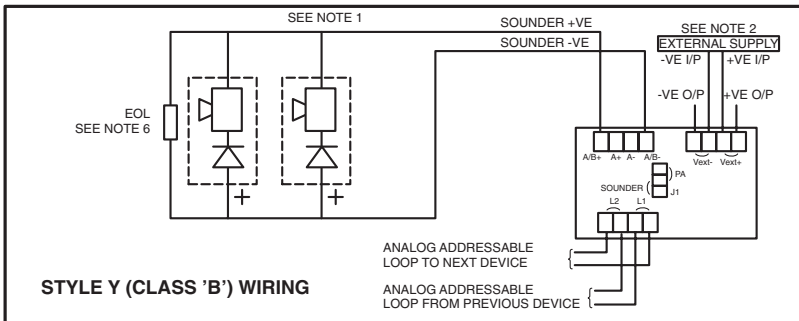
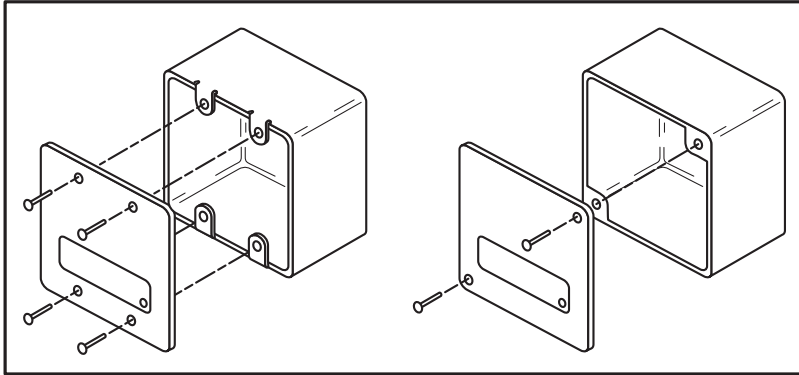
XP95A Sounder Control Module

Model SCM-825

INSTALLATION INSTRUCTIONS SHEET XP95A SOUNDER CONTROL MODULE

Notes:

1. Polarity shown when sounders are DE-ACTIVATED, supply is reversed when sounders are ACTIVATED.
2. Power supply connected to the SCM should be from the S3000, IPB-3, or independent, regulated, 24V DC, listed for fire protection, with battery backup and power limited per NFPA 72.
3. To replace sounders with 'P.A.' speakers, move Jumper (J1) to disable the module external supply monitoring.
4. When operated in 'P.A.' mode, an Audio Amplifier of 70.7 Vrms MAX should replace external supply, with wire supervision capability as per NFPA.
5. All wiring must conform to applicable local codes, ordinances and regulations. e.g. NFPA 72
6. Use 47-K, 0.5-W EOL resistor.
7. Select Class A or B mode using Bit 8 of DIL switch
8. Relay Rating, 2A @ 30VDC; 0.6A @ 125 VAC.
9. Refer to Appendix J or the device's installation instructions for addressing information.



Distributed by:

SAFETECH International, Inc.
 9550 Dice Lane, Lenexa, KS 66215
 913.894.4855 Fax 913.894.4899
<http://www.safetechintl.com>

