



**FRONT VIEW**



**REAR VIEW**

## Features

- ▶ Analog Addressable Module
- ▶ Style "Y" or Style "Z" Notification Appliance Circuit
- ▶ Monitors & Controls Speakers, Horns & Strobes
- ▶ LED Status Indicator
- ▶ Low Power Consumption
- ▶ Mounts in 4" Square Electrical Box
- ▶ Dip Switch Address Setting

## Description

The F900-825 Sounder Control Module is an addressable device that provides a Style "Y" (Class B) or Style "Z" (Class A) notification appliance circuit. The F900-825 supervises 24VDC indicating appliances or audio circuits rated at 70.7VAC. The Sounder Control Module features a LED status indicator that blinks during communication.

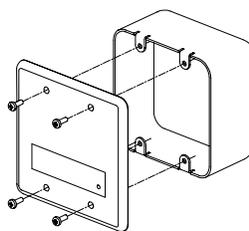
## Approvals and Listings

Underwriters Laboratories (File No. S2184)  
 NYC MEA (MEA No. 32-95-E)  
 California State Fire Marshal (7170-1496:127)  
 City of Chicago

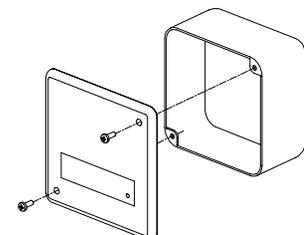


## Installation

The F900-825 mounts in a standard double gang or 4" square electrical box.

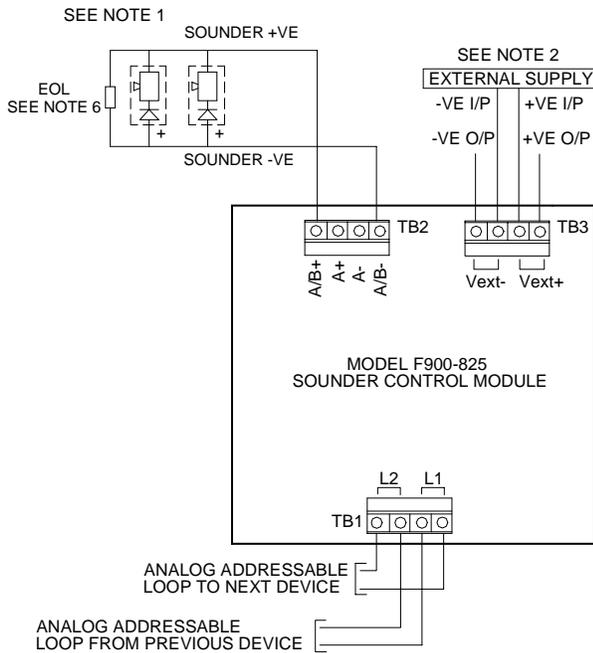


REF NEMA OS 1-1989  
 FIGURE 210 4" DOUBLE-GANG  
 SQUARE BOX OR EQUIVALENT

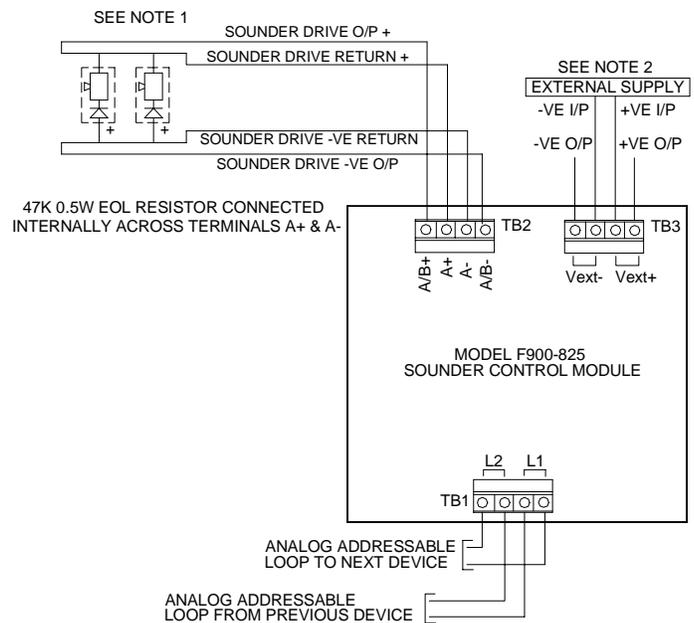


REF NEMA OS 1-1989  
 FIGURE 110 4" SQUARE  
 BOX OR EQUIVALENT

# Wiring Connection



STYLE Y (CLASS "B") WIRING



STYLE Z (CLASS "A") WIRING

## Notes

1. Polarity when sounders are DEACTIVATED, supply is reversed when sounders are ACTIVATED.
2. External supply must be independent, Regulated, 24VDC, and Listed for Fire Protection.
3. Sounders may be replaced by 'P.A.' speakers. In this case move Jumper (J1) to disable the Module External Supply Monitoring.
4. When operated in 'P.A.' mode external supply should be replaced by an Audio Amplifier of 70.7 Vrms MAX, with wire supervision capability as per NFPA.
5. All wiring must conform to applicable local codes, ordinances & regulations. e.g. NFPA 72.
6. Use 47K 0.5W EOL resistor.
7. Select Class A or B mode using Bit 8 of DIL switch.
8. Relay Rating, 1A @ 24VDC, 500mA @ 120VAC, 500mA @ 70.7VAC in fire protection applications.
9. Current consumption @ 24V nominal Standby 1mA. Relay contact closed 4mA MAX.
10. All circuits are Power Limited except TB2 (Sounder Loop) and TB3 (Vext I/P). If these terminals are connected to a Non Power Limited Source, remove the lower portion of the Power Limited Label along the kiss cut. Use only Limited Energy Cable Types FPL, FPLR or FPLP on Power Limited circuits.

## Ordering Information

Model No.	Part No.	Description
F900-825	70502	Sounder Control Module

It is our intention to keep the product information up to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information contact: FIRECOM, INC.