

SOUNDER CONTROL MODULE



S-A4046

DESCRIPTION

SHIELD Sounder Control Module is design to monitor and control the one conventional sounders and reports their status to the control panel.

INSTALLATION

These products must be installed in accordance with the applicable NFPA standards, local codes and jurisdictional instructions may result devices to report an alarm condition. Shield Fire, and Security Ltd is not responsible for are improperly installed, maintained and tested.

Before installing these products, check the continuity, polarity and insulation resistance of all wiring. Check that siting is in accordance with the fire system drawings and conforms to all as NFPA 72.

Mount the electrical box as required and install all cables termination. Ensure that cable shield/earth continuity is maintained.

Drill holes in the fascia plate corresponding to the holes on the mounting box selected (Fig 2).

Terminate all cables in compliance with local codes and regulations. Set the address of the module.

Gently push the completed assembly towards the mounting box and the fixing holes. Secure the unit with the screws provided. Do not over tighten the screws.

Commission the module.

FEATURES

- Allow sounder to operate continuously or to be pulsed, second, second off.
- May be synchronied when it pulsed operaiton.
- Can also be used for public address speakers.

TECHNICAL DATA

Working Voltage	17 - 28 V DC
Operating Current	5-9 V (peak to peak)
Supervisory Current	1 mA
Surge current	2.5 mA
Max Operating current	4 mA
Max Alarm current	5.0mA (LED On)
Temperature Range	0°C to 49°C
Humidity	10-93% RH non-condensing
End-of-Line Resistors	47 KΩ
Max (Speakers)	70.7 V rms, 500 mA, with wire supervision capabilityas per NAFA

FUNCTIONAL TEST DATA

Output Bit	Function	Input Bit	Function
2	Group Address Control 1 = Group 0 = Individual	2	Group Address Confirmation 1 = Group 0 = Individual
1	Not used	1	Indicates Class Wiring 1 = Class B 0 = Class A
0	Sounder Control 1 = On 0 = Off	0	Sounder Status 1 = On 0 = O

NOTE:

1. Any power supply connected to the next I/P power limited and listed for fire protection with battery back-up capability.
2. All circuits are power limited except when should be independent, regulated 24V dc, use as a speaker circuit, if used remove the power.



Fig. 1 - Wiring diagram for Sounder Control Module

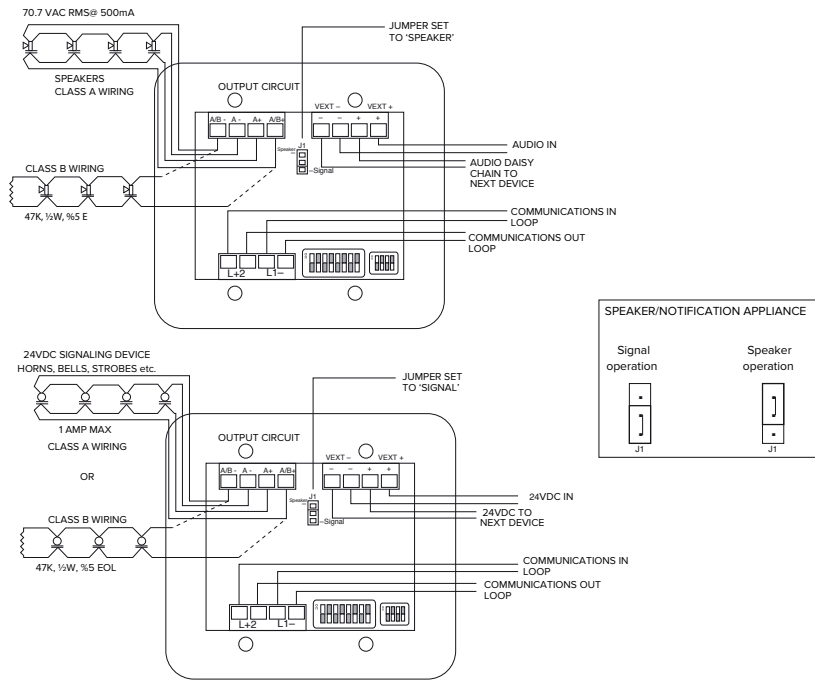


Fig. 2 - DIP Switch

