



Intelligent Sounder Driver

I-9308

Description

The I-9308 Intelligent Sounder Circuit Module is used to make addressable control the pre-alarm sound and fire alarm sound or conventional sounder/bells. The module incorporates a cable monitoring incorporates a cable monitoring function. When there is short circuit, open circuit or power cut, the module will give fault indication, and the controller displays a fault condition.

Two continuously addresses are incorporated. If the 1st address is active, the module will switch output at ALERT mode, 0.25s ON and 0.75s OFF. If the 2nd address is active, the output will be in EVACUATE mode, 0.25s ON and 0.25s OFF. The 2nd address will override the 1st one. It means EVACUATE has the high priority.

Electronic addressing can be done through Handhold Programming tool (P-9910B), purchased separately.

Features and Benefits

- Interface with conventional polarized sounder and bell up to 500mA capacity
- Microprocessor to monitor the cable
- Photoelectric isolation for the loop and power supply.
- Electronically addressed
- Utilized two addresses (Alert and Evacuate)
- Easy installation and connection.
- Twin LED status indicator

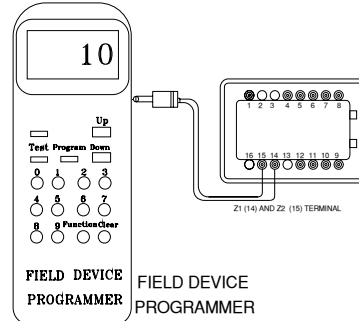
Technical Specifications

- Protection rating: IP 30
- Application: Zone Sounder Driver
- Output Programmable Code: 4 (see table list)
- Operating Current:
Loop: Standby=1.5mA; Alarm=4mA
PSU: Standby=10mA; Alarm=500mA
- Operating Voltage:
Loop: 24V (16V~28V)
PSU: 24VDC (20VDC~28VDC)
- Operating temp: -10°C to +50°C
- Relative humidity: 95%
- Addressing: 1 to 242 using P-9910B
- Application: Indoor use
- Visual Indicator: LED, steady red when in alarm state, 3 sec interval blinking at normal state; Yellow (fault)
- Material and colour: ABS, off-white
- Wiring: 6 wires: 2 wire for loop (non-polarized) ; 2 wire for power cable(non-polarized) ; 2 wire for output/input
- Dimensions: 120mmx80mmx39mm

| Mode | Used Address | Conventional Sounder | Type of Alarm Signal |
|----------|--------------|----------------------|--|
| Mode I | One | C-9403 C-9404 | Continuous alarm signal |
| Mode II | Two | C-9402 | Low address: pre-alarm signal High address: Fire alarm signal |
| Mode III | One | C-9402 | Fire alarm signal |
| Mode IV | Two | | Low address: pre-alarm signal High address: continuous alarm signal |

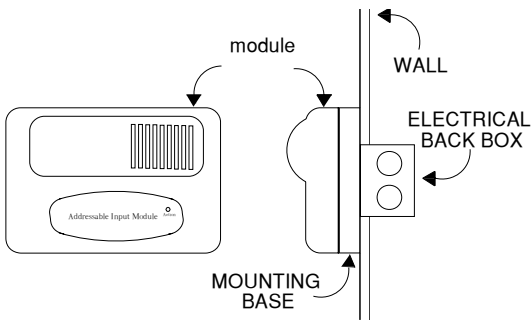
Programming

The address of Sounder circuit module can be programmed using GST handheld programmer (P-9910B), connect the two wires of the handheld programmer to Z1 and Z2 terminals of the module. Program the 1st address, the module will automatically take the next address also. See Manual for more information



Mounting Isolator Base

The module should be installed in compliance with all local codes, BS5389, and EN45. It is installed onto a standard one gang electrical box with a mounting hole that have 6.5cm spacing.



Selection of compatible Control Panels

Compatible with all GST Intelligent Fire Alarm Panels GST200-2, GST5000, GSTIFP8.

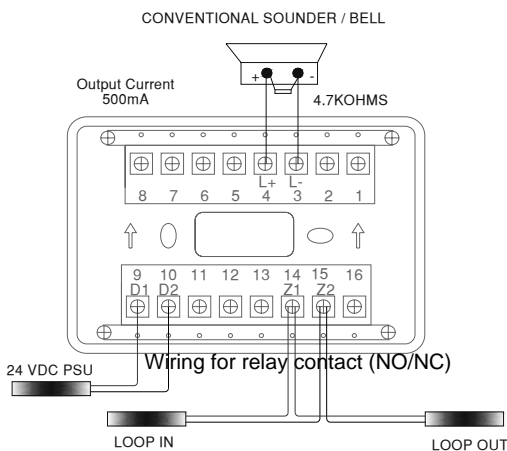
Ordering Information



Part Number: I-9308
Description: Intelligent Sounder driver Module
Weight / Kg.: 0.198
Pack Qty. per Box: 80

Wiring and Connection

Connect the wires to the required terminal according to the wiring diagram. The L+,L- is for sounder output, polarized, the D1, D2 is for 24VDC power supply, non-polarized and the Z1, Z2 is loop of the controller, non-polarized. The cable must be fire rated type and the size depends on the wiring distance and application. Minimum size gauge 1.0mm²(18 AWG)



Accessories

Part Number: B-9310
Description: Surface Mount Box

MANUFACTURED IN ACCORDANCE WITH

