13810-ZT

ZP752-2 line sounder driver

General

The ZP752-2 is a loop wired interface providing two conventional alarm circuits. It may programmed to operate from a single address, a group or zone of devices or as a common output, from any trigger device connected to the system.

Power for the alarm circuits is supplied either from an external power supply unit, or directly from the panel's 24VDC supply via separate wiring. The ZP752-2 monitors its power supply and failure is reported to the main control panel automatically.

On operation both sounder circuits are simultaneously activated. A red LED indicator is illuminated, on the front of the unit to confirm operation.

Fully monitored for open and short circuit faults

Any number of ZP752-2 units (up to a max of 127) can be connected to the ZP loop. In systems complying with the recommendations of BS5839-1, where sounder response to the operation of a manual call point must be within 3 seconds, up to 16 ZP752-2 output units, assigned to the first 16 addresses on each loop can be operated within the time period.

Wiring is monitored for open and short circuit faults by means of end of line resistors. Faults are automatically reported to the control panel, together with the address of the ZP752-2 interface. An amber LED indicator on the front of the moulding is illuminated to indicate the fault condition.

First and second fix installation

Designed for first and second fix installation, the unit comprises an open back box containing all wiring terminals, together with a front plate enclosure of high impact plastic, housing all electronics, printed circuit boards and selection switches. The two parts simply plug together prior to system completion.

All loop devices incorporate switch settings enabling them to be assigned a unique address which is polled by the panel every two seconds.

Details

- Two monitored sounder circuits
- Support for 3s response from manual call points
- Addressable - connects to ZP loop
- Programmable for continuous or pulsed output

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Technical specifications

General

Status indication	Alarm - Red (LED), Fault - Amber (LED)
Compatibility	All ZP addressable systems

Electrical

Operating voltage	16 to 22 VDC
Current consumption	700µA < 1A as required (external supply)

Physical

Physical dimensions	120 (W) x 120 (H) x 40 mm (D)
Net weight	310 g
Colour	White
Mounting type	Surface mount
Material	Moulded ABS

Environmental

Operating temperature	-10ºC to +75ºC
Relative humidity	20 to 95% noncondensing
Environment	Indoor
IP rating	IP40 (EN60529 rating)

Regulatory

Certification	CPR, EN54-18

Wiring

Interface	2 core loop
Sounders	2 core spur
PSU	3 core, positive, negative and monitor

Monitoring

Module	Loop address, external supply
Connected devices	Open and short circuit via 2k2 Ohm EOL

EMC

	CE marked (EEC89/336)

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