



LEAK DETECTION – CONTROL PANEL I-ZONE 10/25



The i-Zone Control Panel shall be wall mounted and be of a mild steel construction and powder coated. It will be capable of monitoring the full range of 'Aqualarm' detectors for water, fuel oils, chemicals, temperature, humidity and refrigerant gases. The control panel is an addressable system capable of monitoring 10-25 detectors / addresses simultaneously.

The default detector identification is 'Zone1', 'Zone2' etc, however these can be programmed to display customers requirements, up to 24 characters per zone i.e. 'Zone 1 - Room 5 2nd Floor'. This has to be carried out at time of manufacturing.

The control panel can store a 100-alarm event history log into non-volatile memory. During normal operation, the Blue LCD screen will display the current time & date together with SYSTEM CLEAR status.

The i-Zone 10-25 Control Panel can also be linked to a maximum of 10-25 ZLM-500 modules, resulting in a single system, monitoring between 5000 and 12500 metres of detecting cable, and in the condition of an alarm, will display a meterage reading accurate to +/- 1 metre to the point of water contact with cable.

The control panel will be provided with a TEST button, MUTE button and the facility to view the 100-event history log. In an alarm state, the LCD will display the activated detector identification and a 97db (at 1 metre) audible alarm will sound.

For remote signalling, the control panel will be supplied as standard with the following outputs: RS485, Common Alarm, Network Failure, Mains Fail, Battery Fail & Service Required.

For safety, the control panel is fitted with a key operated door lock and 'power off' door switch.



Main Features

114mm x 64mm Back-lit Blue LCD Screen displaying:

Current Time & Date, System status, Alarm status & available Button functions. Power 'On'.
Power Support System 'On'. Service.

System will monitor 10-25 detectors / addresses or ZLM-500's, simultaneously.

Last 100 Event Memory.

Alarm Siren 97db @ 1m.

Alarm horn 'Mute', 'Test' & all other functions displayed on LCD when required.

Lockable mild steel cabinet.

Powder Coated RAL7035.

Door interlock safety switch.

Mains Fail Battery Back Up. (4 Hours)

Outputs

RS485

Volt free outputs

Common Alarm.
Network Fail.
Mains Fail.
Battery Fail.
Service.

Mains Voltage Range

120 or 240 volts A.C. @ 50 or 60 Hz.

Normal Operating Voltage

24 volts D.C. internally supplied.

Operating Temperature Range

0 to 50 deg.C.

Approvals

BS EN ISO 14001 and ISO 9001: 1994.
EMC Directive 89/336/EEC, CE Marked.

Cabinet Dimensions

Height 330mm
Width 255mm
Depth 85mm