

## Water Leak Detection System

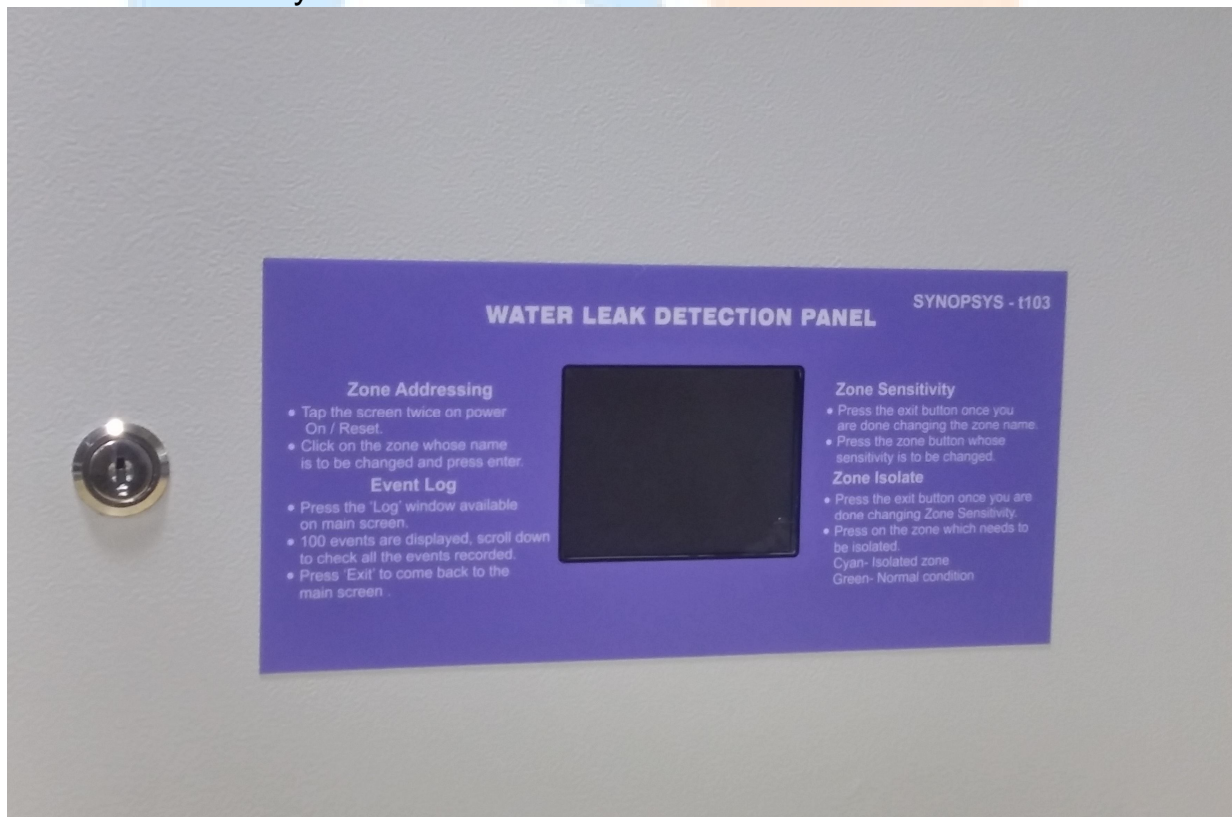
# SYNOPSIS t103

### General Description:-

The water leak system comprises of a Main zone water leak panel, sensor cable and alarm sounders. The water leak panel has potential free relay contacts which extends alarms to BMS.

The Water leak detection sensor cable typically used to detect water leaks in critical rooms to monitor leakage and optionally extend alarm in the BMS. The WLD panel is enabled with a touch screen display, which makes the use of switches redundant.

Testing procedure involves physical application of a wet cloth to the cable, to test the relay operation. The Panel sounds the Alarms, and optionally notifies the BMS system.



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## Salient Features :-

The panel equipped with **Touch Screen Display** can monitor up to 8 Zones.

- **Zone sensitivity feature** is provided which enables the user to set the sensitivity of sensing cables as per the site requirements.
- **Zone addressing facility** is provided in the settings which enables the user to name the zones as per the site specifications.
- **Zones can be isolated** at Power on/Reset.
- **Event log** of 100 events is provided.
- Panel is equipped with **cable break condition** where zone window turns blue in case if the cable is disconnected or if it breaks.
- Input to water leak cable is an isolated Ac supply which ensures the cable will not be subject to oxidation and erosion over time avoiding the degradations problems associated with DC system.
- Zone wise potential free relay output, One common Alarm Relay and one common Hooter Relay is provided for BMS.
- Compact and elegant looks.

## Technical Specifications:-

- Supply Voltage : 230V AC – 50Hz +/- 10 %
- Display : Touch Screen
- Relay Type Leak : Zone wise and one common
- SPDT single contact : NO-NC
- Audible : Sounder for Alarm
- External Hooter : 24VDC
- Fuse : 1 Amp
- Response Time : < 2 Sec
- Alarm State : 0.8 Amp
- Working temperature : 10 to 50 \*C
- Construction : Metal Enclosure Wall/Table mounted
- Weight : 4.5 Kgs Approx.
- Size ( HXWXD) : 270x360x115 mm

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