Floodline Multi-Zone Control Panels

The Multi-Zone Control Panel operates the network of leak detection zones. A zone can be a single point or many metres long and the whole network is continuously monitored for leaks and continuity. Zones are electrically isolated from each other and individually displayed so the system can accept and report any number of simultaneous or consecutive zone alarms - **true multiple leak reporting** - an alarm in one zone has no affect on the normal monitoring of its neighbours or the rest of the system.

LEDs provide clear and easy to understand status and alarm information. Output relays are provided for connection to remote alarm, BMS etc. Leak detection is shown clearly as **LEAK**. Sensor or cable damage or failure is shown as **SYSTEM FAULT**.

Function:
Water/Liquid detection, Temperature, Humidity and Gas detection

Zone Capacity:
4, 8, 16, 32

Power:
110/230 VAC, 50/60Hz mains operated, 25Watts (32 zones 50watts), 12VDC internal + battery backup

Construction:
Powder coated steel enclosure

Dimensions:
H292 x W285 x D90 mm (4,8,16 zones)
H360 x W455 x D130 mm (32 zones)

Fixing:
Wall/Surface mounted (special mounting arrangements to order)

Monitoring:
LEAK - continuous water/liquid detection - each zone reports separately
SYSTEM FAULT - sensor or leader cable damage, failure or disconnection

Alarm Indicators:
Flashing LEDs for **LEAK** or **SYSTEM FAULT** (all alarms displayed separately and continuously until corrected and reset)
Audible alarm

Status Indicators:
Mains power supply, battery operation, internal 12VDC supply, low battery, alarm accept (mute)

Controls:
Mute (buzzer silence/alarm accept) button, security key-switch output disable/reset

Outputs:
1. **LEAK** in any zone - DPCO relay
   (5A @ 230VAC)

2. **SYSTEM FAULT** in any zone - SPCO relay
   (5A @ 230VAC)

3. **Complete power fail** - SPCO relay
   (5A @ 230VAC)

4. **LEAK** in each individual zone - SPCO relay - optional (1A @ 30VDC)

All relays have "clean" volt-free contacts

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