

Water Detection Module

WL-DT24

Description:

The WL-DT24 has been designed as a low cost water detection module suitable for use as a level alarm for water tanks or drip trays. It has 1 Normally open contact and can be supplied as panel mount or Din Rail mount.



Features:

- ◆ Din rail or Panel mount.
- ◆ Status LED indication.
- ◆ Simple Installation .
- ◆ 24Vac/dc .

Technical Specification:

Output:	10Amp @230Vac Normally Open Contact
Supply Voltage:	24Vac/dc +/- 10% 25mA max
LED Indication:	See description under LED Status
Termination:	Rising Clamp for 0.5 to 2.5mm ² Cable.
Ambient:	-10 to +40°C
Dimensions:	
Panel mount:	55mm(W)x72mm(L)x18mm(H)
Din Rail Mount:	58mm(W)x50mm(D)x92mm(H)

Order Codes:

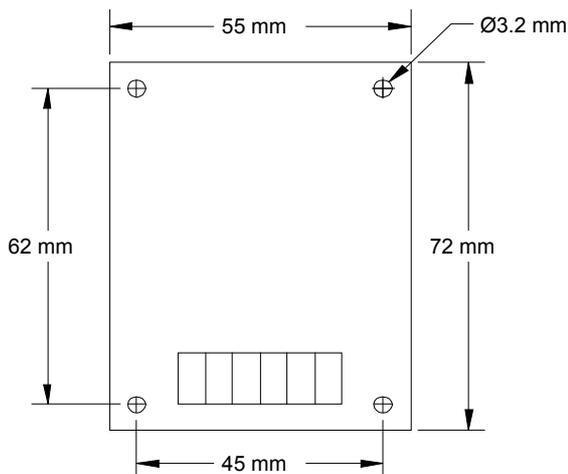
WL-DT24	24Volt Water Detection Module (Panel Mount)
WL-DT24/D	24Volt Water Detection Module (Rail Mount)

Suitable Sensor WL-PS1 Point sensor

LED Status:

Steady green– Standby
Short Pulse– Short circuit sensor.
Quick flashing– water detected.

Panel Mounting Detail



Installation an operation

1. Disconnect power before carrying out any work on the WL-DT24
2. Maximum Wire size 2.5mm² take care not to over tighten the terminal screws.
3. Follow the wiring diagram below. Power supply should be 24Vacdc +/-10%
4. The Volt free contact is single pole normally open.
5. In alarm condition the Green LED will flash and the normally open contact will close.
6. The unit will reset to standby when the sensor no longer is in the water.
7. Should the sensor be shorted the LED will give short pulses and the contact will close and will open when the short is removed.

Note: There is a short delay of approximately 4 seconds between water detection and the relay switching.

Wiring Detail:

