Four Zone Water Leak Detection Module
WLM4

Description:

The WLM4 Leak detection module has 4 inputs

with zone indication and 1 common

Output with fault indication. Din rail or wall

mount options. The WLM can be used with a

combination of sensors.

Features:

♦ Din rail or Wall mounting.
♦ Status LED indication.
♦ Selectable built in sounder and mute .
♦ 24Vac/dc or 230Vac supply.
♦ Compact enclosed design.

Technical Specification:

Output:	10Amp @230Vac Volt Free change over contact
Supply Voltage:	24Vac/dc +/- 10% or 230Vac 60mA
Max sensor length :	200 Meters
LED Indication:	See description under LED Status
Termination:	Rising Clamp for 0.5 to 2.5mm² Cable.
Ambient:	-10 to +40°C
Dimensions:	
Module:	70mm(W)x60mm(D)x90mm(H)
Wall Mount case:	110mm(W)x90mm(D)x200mm(H)

Order Codes:

WLM4-24   24Volt 4 Zone Leak Detection Module
WLM4-230   230Volt 4 Zone Leak Detection Module
CA-XSA-4W   Wall Mount Case

Suitable Sensors:

WL- PS1   Point Sensor
WL- RS1   Rain Sensor
WL-CS—   Cable Sensor

LED Status:

Zone Indication: Steady green– Zone being Monitored
                    Flashing Red– Zone alarmed.
                    Steady red– Short circuit sensor
                    To clear fault power must be removed
Supply Indication: Steady green-Supply Voltage OK
                    Flashing red– Supply Voltage outside Tolerance.
                    Steady orange– Heater output activated

Installation an operation

1. Disconnect power before carrying out any work on the WLM4
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% or 230Vac depending in model.
4. The Volt free contacts are single pole change over.
5. When using the rain sensor the heater output must be used red and blue wire to a sensor input. Green and yellow to heater output.
6. If cable sensors are being used and are longer than 10 meters it may be necessary to adjust the multi turn trimmers located next to each zone indicator. Remove clear plastic cover and with the sensor dry trim until red flashing zone indicator is steady green.
7. In alarm condition the zone indicator will flash red and the audible alarm will sound this can be muted by pressing the mute button. The audible alarm can be disabled by removing the jumper on the base of the module.

Wiring Detail: