



## Water Leak Detection Alarm Type WLDS1V

The WLDS1V has been designed to detection water leaks in small areas such as tea points or vending machines and if required can stop the leak by closing a water valve. A valve shutdown override facility is provided to allow reinstatement of the water after a leak whilst waiting for the detection cable to dry out. If used, this override facility will automatically be cancelled when the alarm unit returns back to normal operation. A normally open volt free contact has been provided for onward signaling to a BMS or existing alarm system.

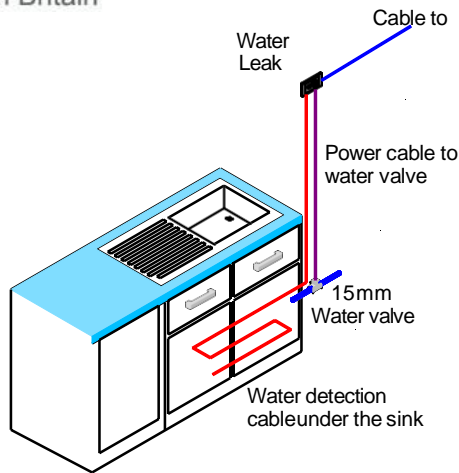


### *Features*

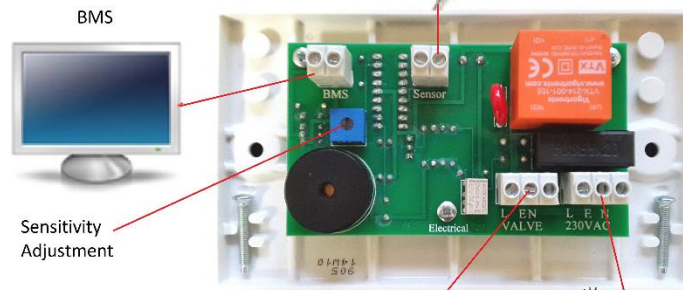
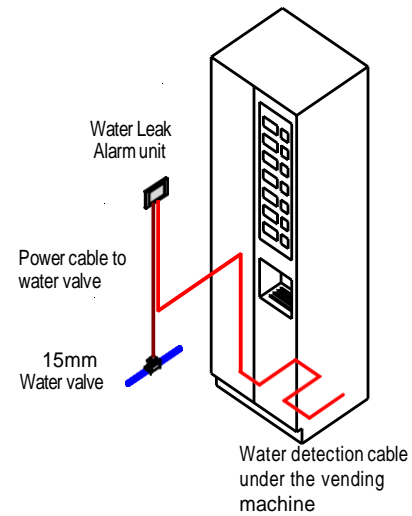
- 💧 Fits into a standard deep double gang electrical socket back box
- 💧 230VAC 50/60Hz operation
- 💧 Audible warning device with “Mute” push button to silence the alarm
- 💧 Flashing Red / Green Alarm lamp that changes to a steady Red when the alarm is muted
- 💧 Green Power ON lamp
- 💧 Volt free contact for onward alarm signaling to a BMS
- 💧 Water shutoff valve control to stop the leak when an alarm is raised
- 💧 Water valve shutoff override facility allowing the water to be turned on when alarm is still active
- 💧 Alarms latched until Mute operated to give indication of transient water leaks
- 💧 A Bi-directional DC signal in the sensors to stop electrolysis and polarisation
- 💧 Sensitivity adjustment allowing it to be set for high to low sensitivity
- 💧 Supplied as standard with 3m connection and 5m water detection cable
- 💧 Any double blanking plate can be used allowing the unit to match the surrounding décor



## Vending Machines



**Tea Point or Kitchen Areas**



### Specification

Housing type  
 Mounting  
 Size  
 Colour  
 Input power  
 Burden  
 Power termination  
 Water valve termination  
 BMS termination  
 Voltage to sensor  
 Connections to sensor  
 Maximum length of detection cable  
 Available Water Valve sizes  
 Water valve type and voltage

Electrical double gang blank plate  
 Double gang deep back box  
 149mm x 88mm x 22mm deep  
 White as standard  
 50 Hz single phase 230VAC +/- 10%  
 < 150mW  
 L, E & N terminal block mounted to back of the PCB  
 L, E & N terminal block mounted to back of the PCB  
 Terminal block mounted to back of the PCB  
 Bi-directional (AC) 5VDC  
 Terminal block mounted to back of the PCB  
 5 meters  
 1/2", 3/4", 1", 1 1/4", 1 1/2" & 2" BSP  
 230vAC Ball Valve powered open, failsafe closed or slam shut.