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Water Leak and Room High Temperature Alarm type CWT2-2



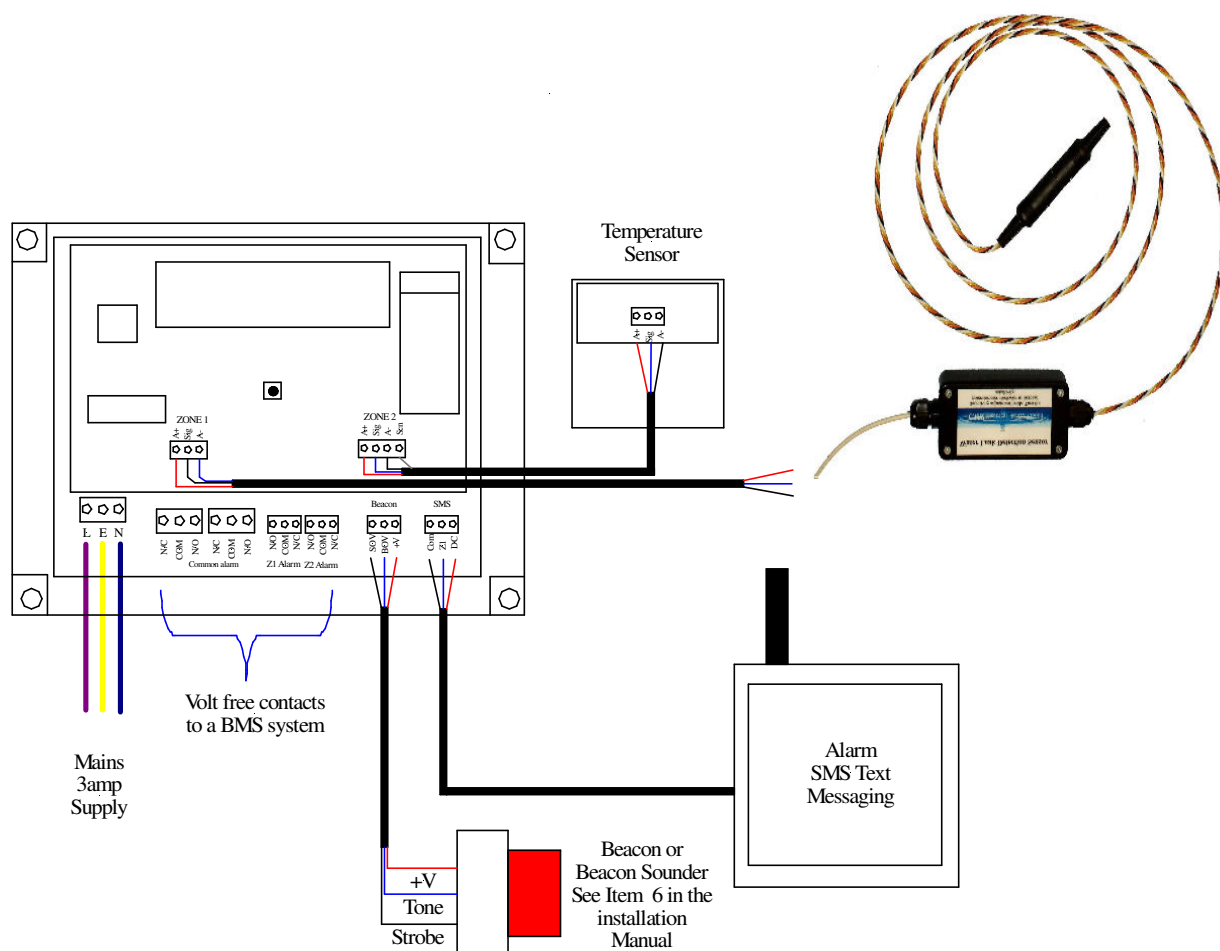
The unit has been designed to monitor critical areas such as server rooms for water leak detection and room over temperature due to faulty cooling plant. Water is detected by using our leak detection cable that can be formed to any shape. Temperature is monitored and compared to an alarm trigger setpoint that can be internally adjusted between 0 and 50°C. The current ambient temperature is displayed on the alpha numeric display along with the alarm status. Also displayed on the screen is the current alarm states of the water detection sensor. When the room temperature exceeds the alarm setpoint or the leak detection cable touches water, the display will flash showing the type of alarm, an internal audible warning will sound, the common alarm volt free contacts will change state, if fitted, the remote beacon/beacon sounder will start, and if fitted, the SMS text messaging/Email unit will send an alarm message via the mobile network. If power to the unit fails, the internal volt free “common Alarm” BMS contact will change state.

Standard Features

- * Remote water detection sensor up to 100m away from the main alarm unit
- * Remote temperature sensors up to 100m away from the main alarm unit
- * Large back lit alpha numeric display
- * Current ambient temperature display
- * Tamper proof temperature alarm adjustment from 0 to 50°C
- * Except for mains power, all terminals are of the plug and socket type
- * On board audible warning device to alert local operators of a problem
- * Alarms latched until Mute operated to give indication of temperature fluctuations
- * Two common alarm relay contact for onward signalling to a BMS or other systems
- * Mains Power monitoring via the Common alarm BMS contact

Optional Equipment

- * Individual zone alarm relay contacts for onward signal to a BMS
- * Common alarm output to a flashing Beacon
- * Common alarm output to a flashing Beacon and Mutable Sounder
- * SMS text messaging or Email



Specification

Housing type	ABS Plastic
Colour	Light Grey
Size	180mm wide x 130mm high x 60mm deep
Mounting	Wall
Cable access	Bottom/back
Monitored temperature range	0 to 50°C
Accuracy	0.5°C plus or minus 1 digit
Maximum distance to sensor	100 metres
Sensor cabling	Overall screened 0.22mm 3 core
Maximum detection cable length	100m
Sound Output	80db at 1 metre
Burden	<3VA
Input Voltage	96- 265VAC 50/60 Hz
Alarm unit temperature range	-20 to + 70°C
Common alarm contact	DPCO 1A @ 230VAC volt free contacts
Alarm unit IP Rating	IP50
Sensor IP rating	IP30
Optional Beacon	IP67 high intensity Red Flashing LED
Optional Sounder	IP67 110db at 1 metre
Optional SMS text	Up to 50 numbers or email addresses using mobile network

Continual development may result in products and specifications being changed without prior notice