

CTS Single Zone Alarm

Mains c/w Battery Backup



Code: SWS2003

Supply Voltage	230v AC +/-5%
Installation	Category II
Operating Temps	-20c to +50c
Backup Battery	9v PP3 (Alkaline Only)
Dimensions	155 (L) x 95 x (H) 60 (D) mm
Colour	Light Grey RAL 7035
IP Rating	IP55
Float Material	Nylon Stem, NBR Float, PVC Cable, S/S Clip
S.G	0.70
Cap Mount	1 1/2" BSP F
Cable Length	5m

The mains alarm has a volt free contact relay on board rated at 5A

C – NO – NC contacts are available



INSTALLATION

Mount the box securely using 4 Non-Countersink screws – **Do not over-tighten** the fixings



Remove the single cross head cover screw (the other 3 are in an internal bag)



Turn the face of the alarm over to reveal the connection & configuration points on the circuit board

Use the terminal block connector to select the desired use of the alarm:

LOW – HIGH – BUND



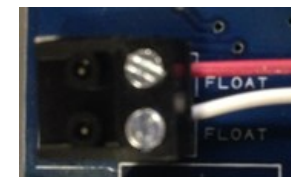
Connect 2 core fused 3A supply cable to the alarm connecting only the **LIVE** and **NEUTRAL** terminals as marked on the board.



Pull off the sounder connector and wire the cable from the sounder into this and plug this connector on last before closing the lid.



Pull off the float connector. Wire the probe cable to the float connector (its not polarity sensitive) and replace onto the board.



Attach the velcro to the battery and stick the battery to the location shown in the image opposite. Connect the battery clip to the battery.



Replace the face – taking care not to trap any cables – re attach face using the 4 cross head screws

OPERATION

Press and hold the **TEST** button to display the alarm configuration. The display will flash **TEST** and either **HIGH – LO – BUND** and the sounder will initiate.

If the battery backup becomes discharged, the display will light up and cycle the decimal places. When you press **TEST** the display will show **BATT LO**



If the alarm activates then the display will flash with the configured alert on the screen and the sounder will initiate. This will continue until either:

1. The **MUTE** button is pressed for 3 secs
2. Or the float exits from the alarm condition

If the **MUTE** button is pressed then the display will continue to flash the configured alert, but the sounder will be silenced.