

BIOCYCLE ALARM INSTALLATION GUIDE

Alarm Panel Installation

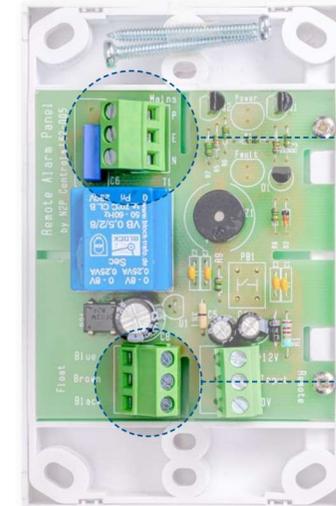
The remote alarm panel is designed to fit within a standard light switch flush box. It is powered by a 230V power supply. It connects to the wastewater treatment plant controller at the tank via a 2 core cable. The signal from the cable is 12VDC and approximately 100mA. This cable should be screened and/or installed in a separate conduit to the power cable to the tank.

To install the alarm panel:

1. Run a 2 core screened cable from the tank's junction box to the location of the alarm panel.
2. Terminate this cable within the junction box with a 2 way terminal block or similar. Drill a hole through the back of the junction box and turret sufficient to install a cable gland. Run a small cable from this 2 way terminal block within the junction box to the main controller within the turret. Connect the cable to the L and N terminals of the *House Alarm* plug. This connection is not polarity sensitive.
3. Mount the alarm panel within a switch flush box. Supply 230V power (Phase, Earth, Neutral) to the alarm panel via terminals *P, E, N*, and connect alarm signal from tank to terminals *Brown* and *Black*.
4. Test by simulating an alarm at the tank and ensure Fault LED and buzzer sounds at alarm panel.



Alarm Panel



Wire power supply to here

Wire fault input here (Black and Brown terminals)

Alarm Panel Terminals



House Alarm Plug