RELAY OUTPUT
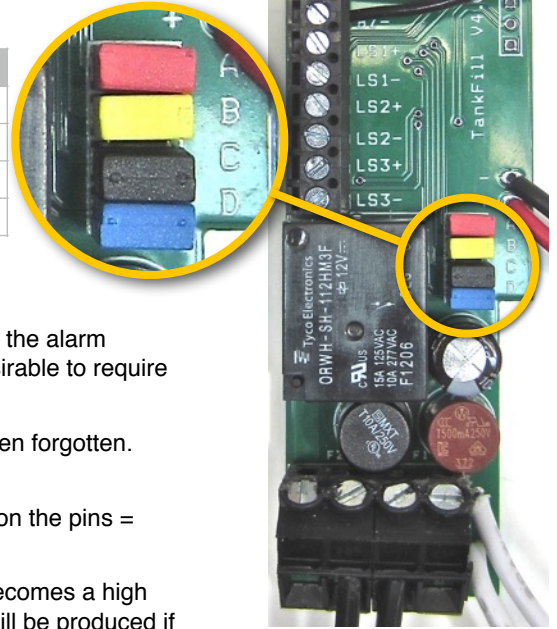
1. CHOOSE MODE

The modes available are selected by the jumpers A,B,C,D. They may be removed if necessary with needle-nose pliers.

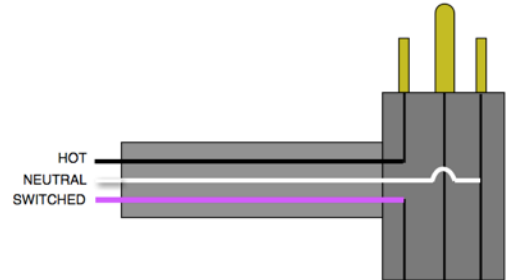| JUMPER	FUNCTION	JUMPER ON PINS	JUMPER OFF PINS
A	RELAY RESET	AUTO	MANUAL (MUST PUSH BUTTON)
B	SNOOZE	30 MINS	NO SNOOZE
C	RELAY ORIENTATION	NORMALLY CLOSED	NORMALLY OPEN
D	FLOAT ORIENTATION	N.C.	N.O.

CLOSEUP OF THE PCB

EXPLANATIONS

A Relay reset. With the jumper on, the relay will reset itself when the alarm condition has been corrected. In some situations it may be desirable to require the button to be pushed in order to reset the relay.

B The snooze alarm ensures that the buzzer isn't silenced and then forgotten. After 30 minutes of silence the buzzer will sound again.

C Sets the relay state when there is no alarm condition. Jumper on the pins = closed relay.

D Removing the jumper reverses the logic so a low level alarm becomes a high level alarm. The float is normally a "closed" circuit. An alarm will be produced if there there is a level excursion that causes an "open" circuit. Removing the jumper reverses the logic so a low level alarm becomes a high level alarm.

2. INSTALLATION

• Select desired operating mode by removing jumpers. (if necessary)

PIGGYBACK PLUG SCHEMATIC

3. POWER

• AC power drawn from the piggyback plug is converted to DC to power the pcb. The system will carry 15A@120V or 10A@250V continuously.

• The 15A dry contact relay switches power to the back (receptacle) side of the piggyback plug to turn on devices like pumps. The unit may be conveniently tested with a night-light.

4. OPERATION

• During an alarm condition, the push button silences the buzzer while the LED continues to flash until the level is corrected. If there is no alarm, the pushbutton tests the alarm. buzzer, and relay while buttons pressed.

• When there is a power failure, the relay will revert to "open". The relay will resume the correct state when power is restored.

• Terminal LS3 must have a jumper installed or an alarm will be given. The alarm on LS3 has a different LED and buzzer pattern from LS1.

Feb 4, 2016

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