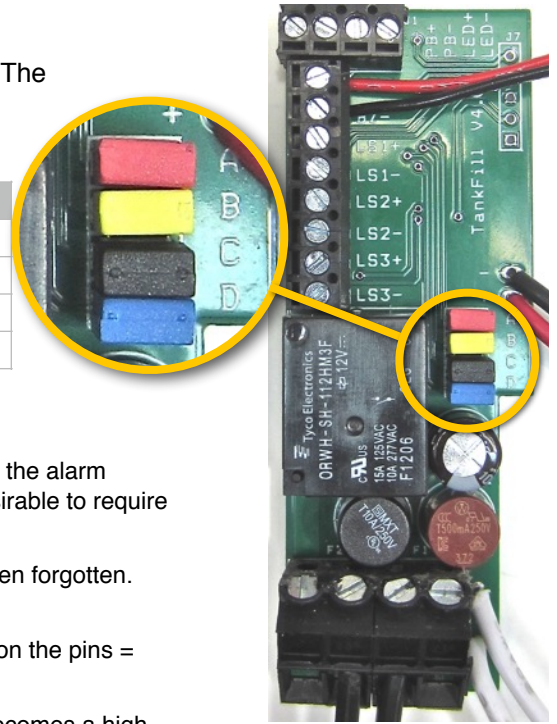


RELAY OUTPUT

1. OPERATING MODES

The PCB responds to a contact close on PCB terminals. LS1 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.



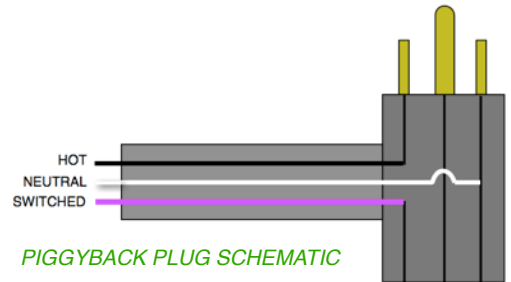
CLOSEUP OF THE PCB

OPERATING MODES

- 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. POWER

- Power to operate the circuit is drawn from the piggyback plug. The current-carrying capacity is 15A@120V.
- Plug in your device to be controlled into the female side of the piggyback plug. Your device will be switched on or off according to the state of the level alarm.



PIGGYBACK PLUG SCHEMATIC

3. NOTES

- In the factory default mode, when there is an alarm condition, the pushbutton 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 the pushbutton is pressed.
- Terminal LS3 is N.C, and must have a jumper installed or an alarm will be given. The alarm on LS3 has a different LED and buzzer pattern from LS1.
- These instructions are for firmwareDA_V40-08_01X

Jul 6, 2020