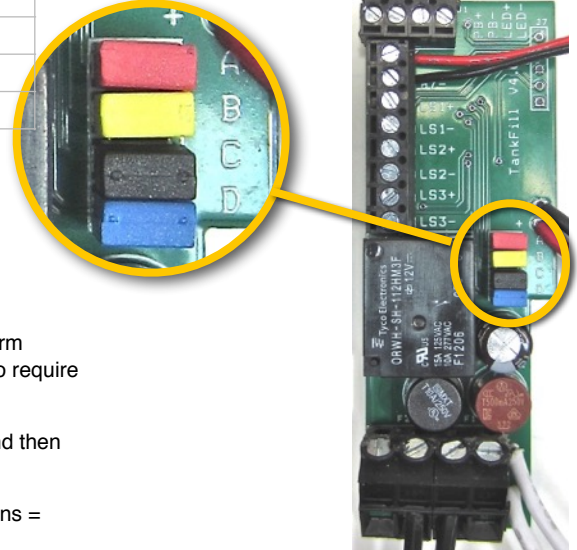


ALARM BOX - LINE POWER (AB-2R)

1. GENERAL

The Alarm Box will take a contact close from a sensor like a float switch and generate a loud buzzer and flashing beacon LED. In addition there is a built-in relay that can control various devices using the piggyback cord.

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

2. CHOOSE MODE

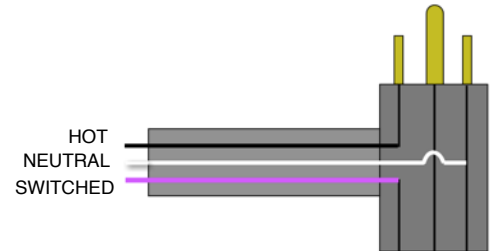
The modes available are selected by the jumpers A,B,C,D.

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 to reset the relay.
- B** The snooze alarm is a feature that ensures 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** Intermittent buzzer output is intended for wireless transmitters.

3. POWER

- The unit runs on AC power drawn from the piggyback plug.
- The 15A dry contact relay switches power to the back (or female) side of the piggyback plug to turn on devices like pumps.
- The system is rated for 15A@120V or 10A@250V continuously.



PIGGYBACK SCHEMATIC

4. INSTALLATION

- Plug the power cord in to an outlet.
- If using the relay output, it can be conveniently tested

5. OPERATION

- The button LED illuminates when AC power is present.
- During an alarm condition, the push button silences the buzzer while the beacon continues to flash until the level is corrected. When there is no alarm condition the pushbutton tests the alarm and buzzer.
- When there is a power failure the relay will revert to "open". The relay will resume the correct state when power is restored.

