

AB3 ALARM BOX- SPECIFICATIONS

1. GENERAL

The AB3 responds to a contact close or contact open to produce an alarm with loud buzzer and either flashing beacon LED or stack LEDs. During alarm, a relay controls an AC output. (N.O. or N.C. relay)

2. OVERALL

Weight (enclosure) 900 g

3. COMPONENTS

Electronics

Current consumption max.30 mA (during alarm)
Idle Current.....10 mA
Relay carry current15A
Fuse.....through hole
Cable to sensorPVC jacket, 4C/24
BuzzerSPL.....103 dB
Power cords jacketSJOOW

Enclosure

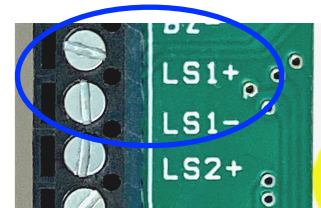
Ingress Protection.....IP65
Material:.....PVC
GasketPVC elastomer
Pushbutton bezel.....Anodized aluminum
Buzzer diaphragm316 SS
Stack lightacrylic
Cord gripsPolyamide
Cover screws.....316 stainless steel
Buzzer housing.....PPE



4. INSTALLATION

The AB3 is waterproof and can go in any environment, including outdoors.

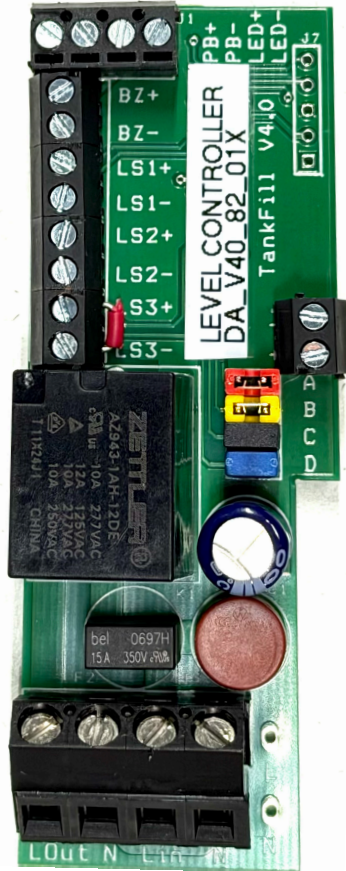
The alarm terminals are the ones marked LS1+ and LS1- on the PCB. (circled on the image in next section) LS2 and LS3 are not used.



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5. BEHAVIORS

There are some different behaviors that can be selected with jumpers on the PCB. The input the AB3 is set to N.C. by default.



JUMPER	FUNCTION	ON PINS (DEFAULT)	OFF PINS
A	RELAY RESET	AUTO	MANUAL (must press button)
B	BUZZER "SNOOZE ALARM"	30 MINS.	DISABLED
C	RELAY ORIENTATION	TANK FILLING	TANK EMPTYING
D	INPUT (FLOAT ORIENTATION)	ALARM WHEN CIRCUIT OPEN (N.C.)	ALARM WHEN CIRCUIT CLOSED (N.O.)

6. NOTES

The alarm box can be wired to produce a dry contact output on the relay. Consult the "wiring schematic" diagram on the website.