

# Alarm Acknowledgement Switch LA1-ASW-110

## 110 VAC INSTALLATION INSTRUCTIONS



**WARNING:** This product **MUST** be installed by qualified personnel only. It must be installed in compliance with local and national electrical codes and intrinsic safety standards. ICS is not responsible for damages or losses resulting from misuse or incorrect installation of this product.

**WARNING:** This product is **NOT** intrinsically safe. It **MUST** be mounted outside of the Class 1, Division 1 area.

The LA1 Acknowledgement switch is used with an alarm source and an external alarm annunciator. During an alarm condition, It allows the operator to press a button to silence the alarm for the duration of the alarm condition. A test button also allows the operator to test the annunciator function.

### I. MOUNTING

The LA1-ASW is mounted by drilling into the rear of the cabinet or using angle brackets at the top and bottom. It is recommended to seal the mounting holes with silicone to prevent moisture intrusion. Install conduit as needed for the location. A 1/2" threaded conduit fitting is provided.

### II. WIRING

Connections are made to the screw terminal at the top left of the enclosure base. Connections are as follows left to right:

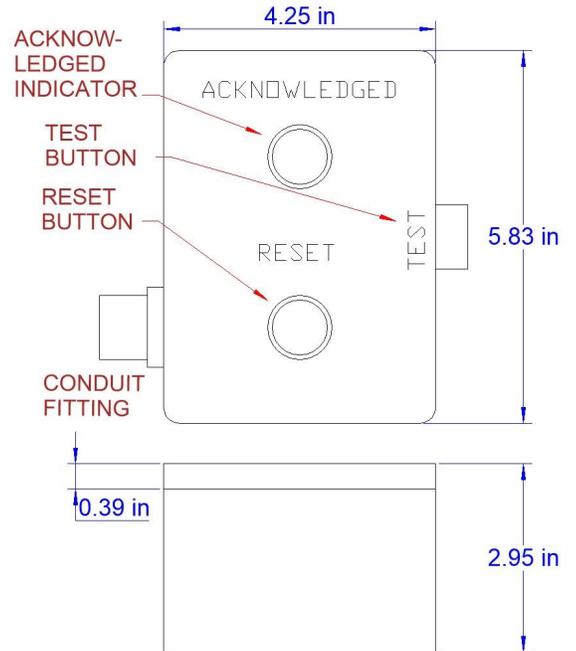
- [AC HOT] Continuous 110VAC power
- [AC NEU] AC Neutral
- [ALM IN] Alarm Input, 110VAC hot when active
- [ALM OUT] Alarm Output, 110VAC hot when active

**Caution:** When wiring, make sure that the constant AC power (RED) and the 110VAC alarm output (BROWN) are the same phase. If not, 220VAC can be shorted during an alarm condition and the fuse will blow. The fuse is 2A, 5X20mm size.

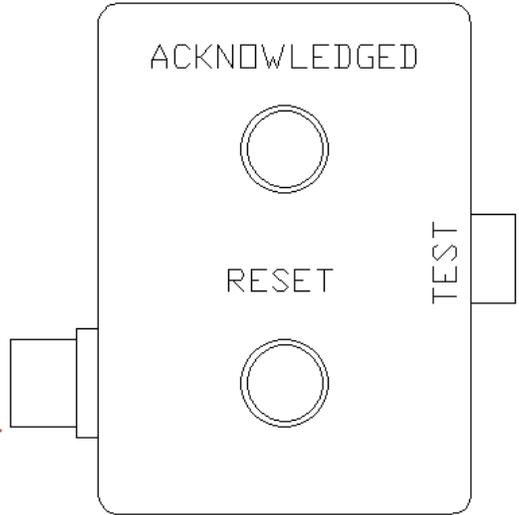
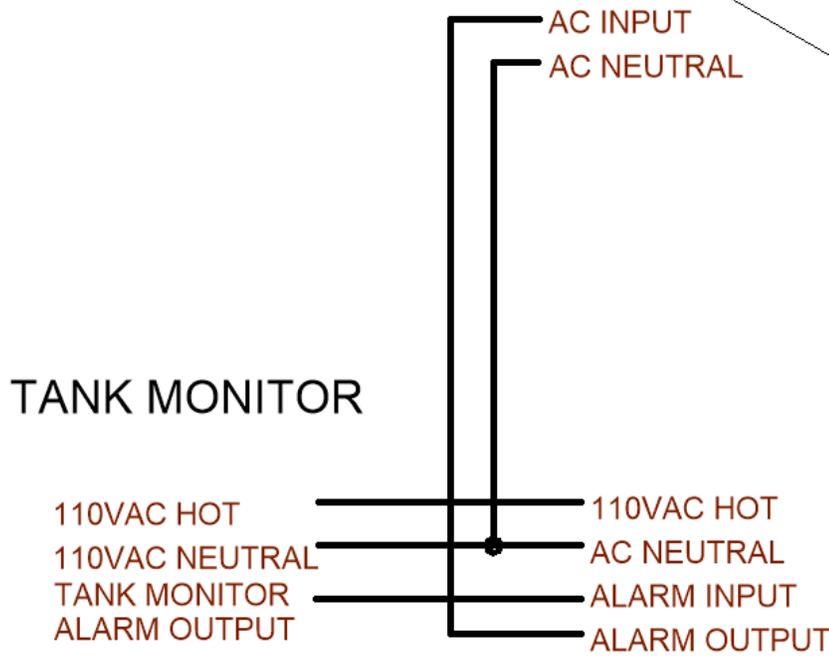
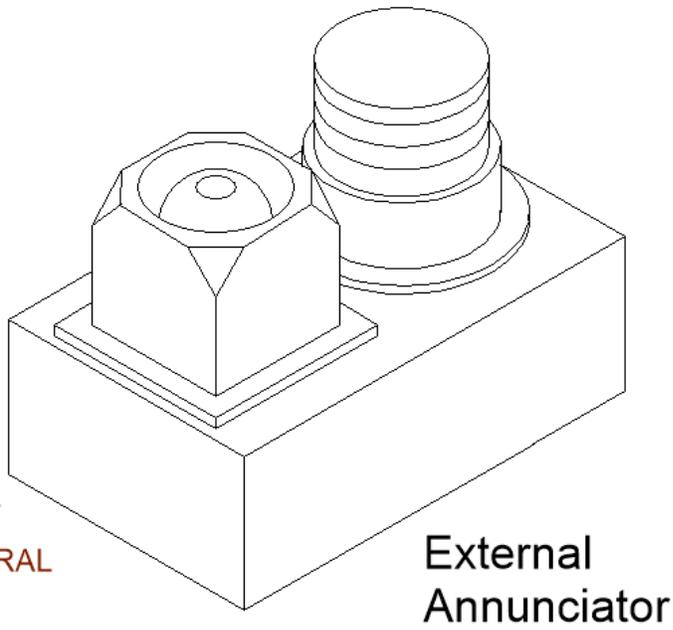
### III. OPERATION and TESTING

When there is no alarm condition, press the TEST button. The annunciator should activate while the button is held.

When an alarm condition is present, the annunciator will activate the audible alarm and strobe light. To acknowledge the alarm and stop the annunciator, press the RESET button. The annunciator will stop, and the ACKNOWLEDGED indicator will light up, indicating that the alarm condition is present, but has been acknowledged. When the alarm condition stops, the acknowledged indicator will go out, and the LA1-ASW will automatically reset.



**TYPICAL WIRING**



**Acknowledgement  
Switch**

<b>Specifications:</b>	
Operating Temperature Range:	-40 to 150 degrees F.
Input Voltage Range:	85 to 150 Volts AC
Input Current:	<1A
Output Current:	7A Max
Cabinet Type:	NEMA4X Weatherproof
Cabinet Material:	Cast Aluminum
Cabinet Hardware:	Stainless steel
Cabinet Dimensions:	5.83 x 4.25 x 2.95