

**TEMP[°]
ALERT[®]**
MODEL TA-40

**INSTALLATION /
OWNERS MANUAL**

Part # D-011-0006
REV. B

Mfg. in the U.S.A. by:



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**INSTALLATION INSTRUCTIONS FOR THE
TEMP[°]ALERT[®] (TA-40)**

LOCATION:

It is difficult to precisely specify the location or number of TA-40's to install. A number of factors such as room size, effectiveness of the ventilation system, and the likelihood of freezing should be considered. If the building already has an energy mgt. system, an easy rule of thumb is to install a TA-40 near each thermostat. At a minimum it is important to install a Temp[°]Alert[®] on every level of the home or business.

INSTALLATION - You will need a screwdriver, and two #6 screws.

Step #1 - Use the base of the TA-40 as a template and mark the position of the screw holes. Drill pilot holes if necessary. Align TA-40 with mounting holes and install screws but do not tighten them.

Step #2 - Connect TA-40 to your warning device by attaching an 18 GA to 24 GA cable to the terminals. Slide cover on and tighten the mounting screws.

Important: To insure proper operation test unit weekly.

OPERATION AND TESTING PROCEDURES:

For proper operation, the TA-40 must be located in an area where the temperature range is within -40° to $+212^{\circ}$ F (-40° to 100° C). Contacts will remain closed at temperatures above 40° F. But if temperature drops below 40° F the contacts will open to activate any hardwire alarm or wireless transmitter. The tolerance on this temperature switch is $\pm 6^{\circ}$ F.

To manually activate the TA-40 for testing, place it in a freezer for about 5 - 10 minutes and then use an ohmmeter to confirm that the contacts have opened.

SPECIFICATIONS FOR TEMP°ALERT® TA-40

OPERATING TEMPERATURE RANGE	- 40° C to + 100° C - 40° F to + 212° F
CONTACTS: Close at temperatures greater than or equal to	4° C ± 3° C 39.2° F ± 5.4° F
Open at temperatures less than or equal to	4° C ± 3° C 39.2° F ± 5.4° F
CONTACT RATINGS	<i>Voltage</i> less than or equal to 24 V AC / DC. <i>Current</i> less than or equal to 200mA
CASE MATERIAL	ABS Plastic Rated 94V-0
RECOMMENDED SENSOR CABLE	18 to 24 GA.
DIMENSIONS / WEIGHT	2.5" x .8" x .55" / 3 ounces
COLOR / MOUNTING	Off-white / 2 screw holes
MASTER PACK / WARRANTY	12 PCS. / One Yr. Limited

ONE YEAR LIMITED WARRANTY

Winland Electronics, Inc. warrants that each product of its manufacture is free from defects in material and factory workmanship, when properly installed and operated under normal conditions according to the manufacturer's instruction.

Manufacturer's obligation under this warranty is limited to correcting, without charge, at its factory any part or parts thereof which shall be returned to the factory, by the original retail purchaser, transportation charges prepaid, within one year after purchase and which upon examination shall disclose to the manufacturer's satisfaction to have been originally defective. Correction of such defects by repair to, or supplying of replacements for defective parts shall constitute fulfillment of all obligations to purchaser. Repair service performed by the manufacturer after one year from date of purchase will be for a reasonable service charge.

This warranty shall not apply to any of the manufacturer's products which have been subject to misuse, negligence or accident or which shall have been repaired or altered outside of the manufacturer's factory. Warranty is void if housing or cover is removed.

Manufacturer shall not be liable for loss, damage, or expense directly or indirectly from the use of its product or from any other cause.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE ARE EXCLUDED, AS ARE ALL OTHER REPRESENTATIONS TO THE USER — PURCHASER, AND ALL OTHER OBLIGATIONS OR LIABILITIES, INCLUDING LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, ON THE PART OF THE MANUFACTURER OR THE SELLER.

No person, agent or dealer is authorized to give any warranties on behalf of the manufacturer nor to assume for the manufacturer any other liability in connection with any of its products.