



Home Temperature Monitor Switch Installation Instructions

SJE's Home Temperature Monitor switch provides a means to monitor environmental temperature. When used with SJE's Auto Dialer, the system will notify of potentially threatening freezing conditions. This can be used to help eliminate costly damage of freezing water pipes.

HOME TEMPERATURE MONITOR SWITCH



- Ratings:
Contacts: 24 VDC, 120 mA maximum
at 40°F ± 5°F
5°F

Switch opens
Switch closes at 55°F ±

- Provides an enclosed preset thermal switch and screw terminals for easy connection.
- The switch is normally closed when the temperature is above 40°F.
- When the temperature drops below 40°F the switch opens.
- The switch remains open until the temperature rises above 55°F at which point the switch closes again.
- The switch can be used in conjunction with the Auto Dialer. When the Auto Dialer is programmed to activate upon sensing a switch opening, it can warn of threatening low temperatures which may result in frozen pipes.

PREVENTATIVE MAINTENANCE

- Periodically inspect the product. Check that the housing has not been damaged so as to impair the protection of the product. Replace the product immediately if any damage is found or suspected.
- Use only SJE-Rhombus® replacement parts.

SJE-RHOMBUS® ONE-YEAR LIMITED WARRANTY

SJE-RHOMBUS® warrants to the original consumer that this product shall be free of manufacturing defects for one year after the date of consumer purchase. During that time period and subject to the conditions set forth below, **SJE-RHOMBUS®** will repair or replace, for the original consumer, any component which proves to be defective due to defective materials or workmanship of **SJE-RHOMBUS®**.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

THIS EXPRESS WARRANTY DOES NOT APPLY TO THE MOTOR START KIT COMPONENT. SJE-RHOMBUS® MAKES NO WARRANTIES OF ANY TYPE WITH RESPECT TO THE MOTOR START KIT.

TO OBTAIN WARRANTY SERVICE: The consumer shall assume all responsibility and expense for removal, reinstallation, and freight. Any item to be repaired or replaced under this warranty must be returned to **SJE-RHOMBUS®**, or such place as designated by **SJE-RHOMBUS®**.

ELECTRICAL WIRING AND SERVICING OF THIS PRODUCT MUST BE PERFORMED BY A LICENSED ELECTRICIAN.

ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS ARE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. SJE-RHOMBUS® SHALL NOT, IN ANY MANNER, BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES AS A RESULT OF A BREACH OF THIS WRITTEN WARRANTY OR ANY IMPLIED WARRANTY.

THIS WARRANTY DOES NOT APPLY: (A) to damage due to lightning or conditions beyond the control of **SJE-RHOMBUS®**; (B) to defects or malfunctions resulting from failure to properly install, operate or maintain the unit in accordance with printed instructions provided; (C) to failures resulting from abuse, misuse, accident, or negligence; (D) to units which are not installed in accordance with applicable local codes, ordinances, or accepted trade practices, and (E) to units repaired and/or modified without prior authorization from **SJE-RHOMBUS®**.

NOTICE!

Products returned must be cleaned, sanitized, or decontaminated as necessary prior to shipment to ensure that employees will not be exposed to health hazards in handling said material. All applicable laws and regulations shall apply.

⚠ WARNING**ELECTRICAL SHOCK HAZARD**

Disconnect power before installing or servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.

⚠ WARNING**EXPLOSION OR FIRE HAZARD**

Do not use this product with flammable liquids. Do not install in hazardous locations as defined by National Electrical Code, ANSI/NFPA 70.

Failure to follow these precautions could result in serious injury or death. Replace product immediately if switch cable becomes damaged or severed. Keep these instructions with warranty after installation. This product must be installed in accordance with National Electric Code, ANSI/NFPA 70 so as to prevent moisture from entering or accumulating within boxes, conduit bodies, fittings, float housing, or cable.

For detailed specifications on this product, or for the complete line of SJE-Rhombus® panel, alarm, and switch products, visit our website at www.sjrhombus.com.

INSTALLING THE HOME TEMPERATURE MONITOR SWITCH

1. Determine the location where the Home Temperature Monitor switch is to be mounted.
Note: The switch monitors the temperature of the area where it is located. If the temperature of a specific area needs to be monitored, the switch must be mounted in that area.
2. Remove the two screws that hold the housing together and separate the two housing halves.
3. Use the three screw holes provided in the housing back to mount the unit to the wall. **Note:** The housing is designed to accept 3/4 inch conduit for wiring purposes.
4. Make connections to the switch using the two screw terminals inside the housing. **Note:** Two wire nuts are included in the event a wire splice is needed.
5. Complete installation of the overall system with which this switch will be used.
6. Test the system by removing a wire from one of the screw terminals after the system is operational. This simulates the switch opening and will result in the system being activated.
7. Reconnect the wire.
8. Replace the enclosure front using the two screws that were removed in Step 2.



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