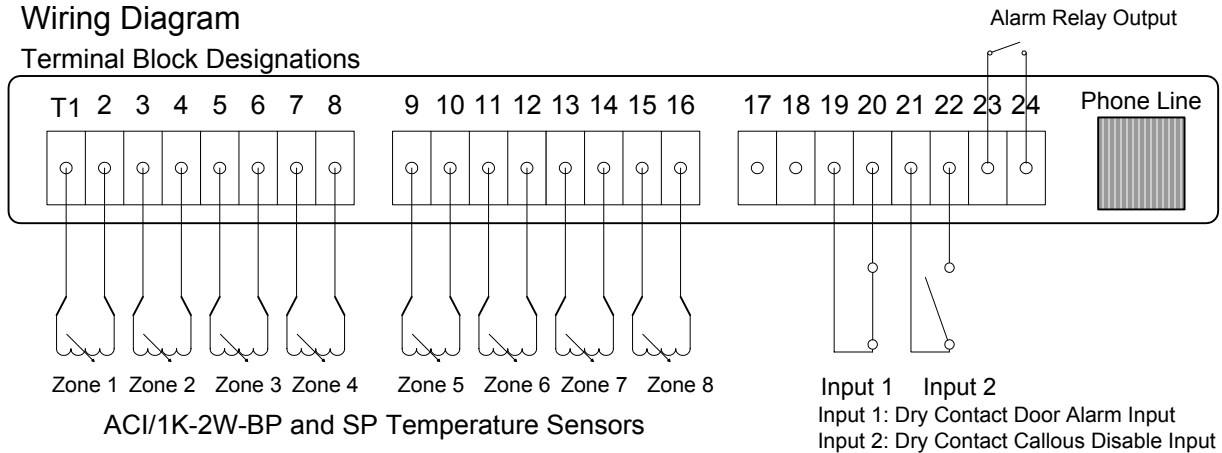


Wiring Diagram

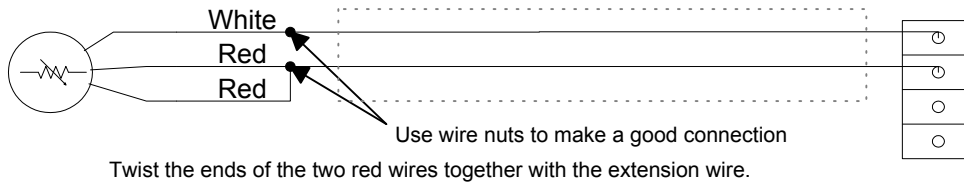
Terminal Block Designations



ACI/1K-3W-LTS

Sensor Extension Wire

Refrigerator/Freezer Guard



The terminal blocks on the front of the enclosure are removable. To remove the terminal block pull straight out.

ACI/1K-2W-SP, BP, LTS Temperature Sensors

Install the sensor in the refrigerator or freezer. Pass the wires through an access hole and run the two conductor cable to the VM500-5. If no access hole is available, contact the manufacturer of the freezer and have them specify a location to drill a small access hole. Locate the sensors to yield an average temperature. Avoid placing sensors in air streams or on the wall of the refrigerator or freezer. The RTD sensor wires can be extended as required. See the chart in the manual for wire gauge vs. temperature error.

Input 1: Door Alarm Input

This input can be used as a security input by wiring a magnetic reed switch mounted on a door. The input sources 12vdc at 10ma. (see the manual for more detail on programming the input)

Input 2: Callout Over Ride Input

A dry contact switch closer prevents the VM500-5 from making emergency phone calls. This input is can be wired to time of day clock to prevent unnecessary calls during working hours. The input sources 12vdc at 10ma.

Surge Protection

It is recommended that a surge suppressor be used for the wall plug power adapter and the phone line.