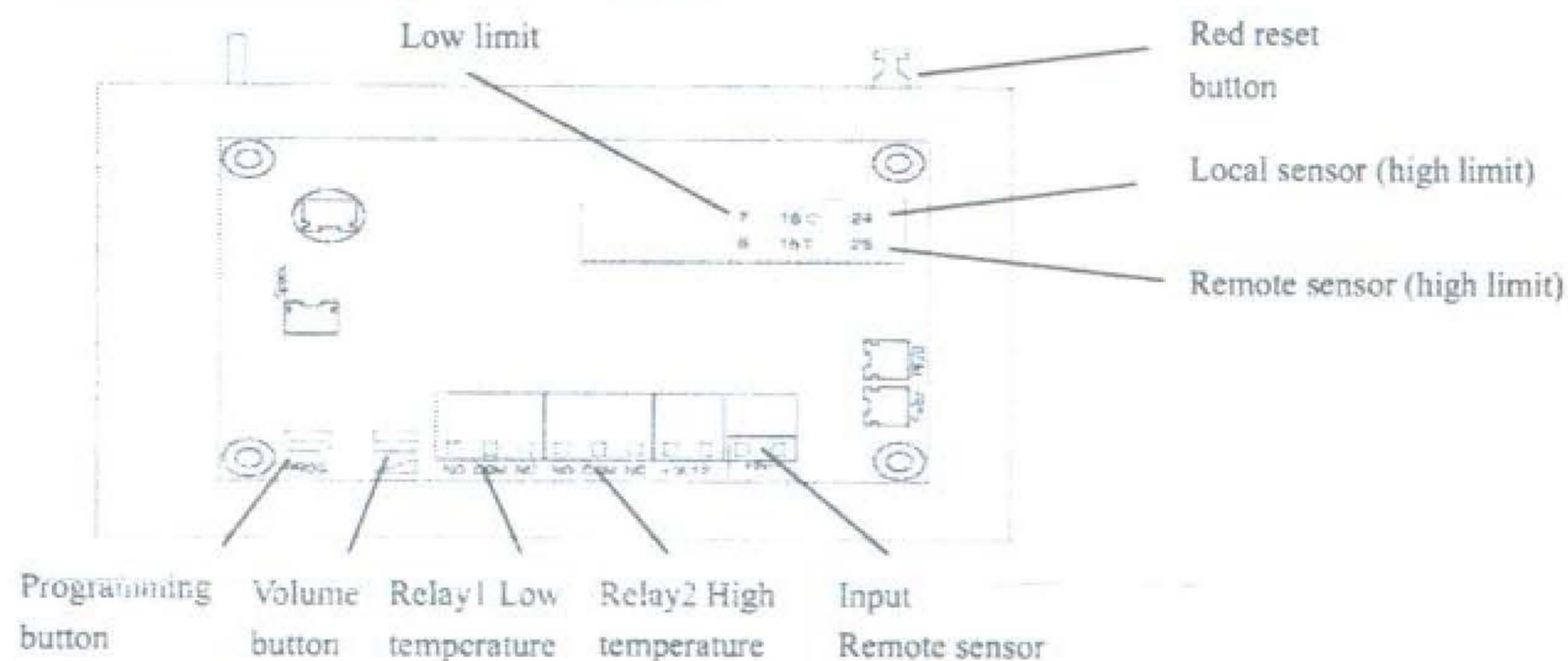


Temperange® Dual Temperature Alarm - WSE29

General

Temperange® can be equipped with two sensors, i.e. a local and a remote sensor, to constantly monitor the temperature in two separate environments. When the temperature reaches the pre-set safe temperature range by falling too low or rising too high, it will sound an alarm, and in the meantime send out a signal to alarm panel.



High and low limit setting

- The first line on the display shows local Low and High temperature limit, while the second line does it for the remote sensor.
- To set High or Low temperature limit, press and hold the Programming button for 3 seconds. A cursor appears on the screen and now it is in setting mode. Use the Programming button to decrease the temperature or Volume button for the increase.
- Use the Red reset button on the top of the unit to move the cursor.
- To exit setting mode, keep pressing the Red reset button till the cycle is completed and the cursor disappears.

Audible alarm

- When the temperature reaches the pre-set limit, the alarm goes off.
- To turn off the alarm, press the Red reset button; or the alarm will automatically stop after 2 minutes.
- To adjust the alarm volume, press the Volume button to increase or decrease the volume.
- To mute the audible alarm, adjust the alarm volume to the minimum (one bar), or unplug the Piezo which is located underneath the display.

To turn system temporarily off

To turn the system temporarily off, press and hold the Red reset button for about 8 seconds. When the system is off, there will be no audible alarm and alarm output. To turn the system back on, press the Red reset button again. Or it will be automatically turned back on in 15 minutes.

Connecting alarm panel

The local unit has two relay outputs for alarm panel connection. Relay output 1 is used to report Low temperature and Relay 2 High temperature.

Specifications:

Local unit

- Accuracy: +/- 1.8°C
- Operating temperature: 0° - 60°C
- Voltage: 9-15VDC
- Current: 35mA standby; 300mA max.
- Two alarm relays: relay 1 – low temperature; relay 2 – high temperature
- Relay rating: SPDT, 1A 24VDC/120VAC
- Audible alarm: adjustable 0- 90dB
- Dimensions: 130mm x 90mm x 35mm

Remote sensor (WSE29-Re)

- Temperature range: -40 - 60°C
- The probe is sealed – water proof
- 5m wire
- GPO mounting faceplate included
- Can be extended up to 100m