Remote Temperature Display (°F / °C)
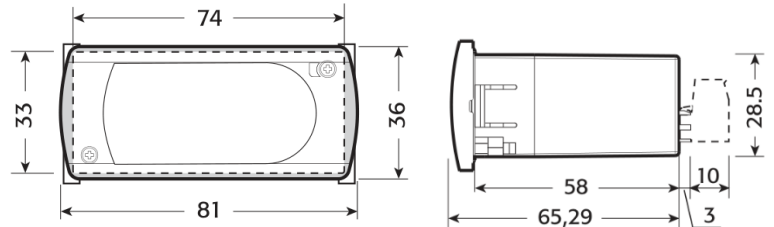# SCE-RMTD PJS6

Specifications:

Voltage/Frequency:	230 V~ 50/60 Hz
MAX operating current:	0.016 A
MAX alarm relay load:	8 A resistive / 4 A inductive
MAX alarm relay lifetime:	100,000 cycles
Operating Temperature Range:	14 to 122 °F / -10 to 50 °C
Sensor Measurement Range:	-58 to 194 °F / -50 to 90 °C
Max. Operating Humidity:	90% r.H. (non-condensing)
LED Color:	Red
Mounting panel thickness range:	0 to 0.6" / 0 to 15 mm
Approvals:	UL, CE

Unit dimensions:
(All dimensions in mm)

Mechanical Installation:

1. Make a cut-out with the following dimensions in the panel where the unit will be mounted:
2. Insert the unit in the panel from the front of the cut-out.
3. Slide the 2 yellow mounting clips on each side of the unit (from the rear of the unit).
4. Push the clips forward until a reasonably firm fit is achieved.
5. Clip the plastic frame to the front of the unit (if required) and remove the protective film.

Electrical Installation:

1. Connect the temperature sensor.   (4 pole connector)
2. If required, connect the Alarm dry contact output.   (5 pole connector)
   • Alarm contact is NO. It should be
     connected to the alarm indicating equipment.
3. Connect the power supply cable.
   • White – Live.
   • Black – Neutral.   (2 pole connector)
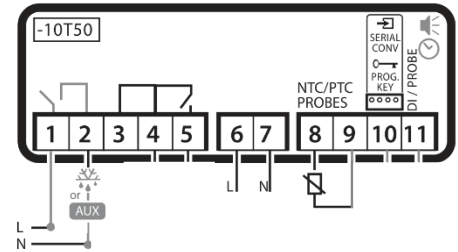
Normal operation:

The display shows the measured temperature in the range –58 to 302 °F / -50 to 150 °C

Alarm condition:

Default alarm temperature setpoints are as follows:
   • Low Temperature alarm setpoint: 32 °F / 0 °C
   • High Temperature alarm setpoint: 131 °F / 55 °C

The Alarm symbol flashes and the Alarm contacts switch to the alarm state (pins 1 & 2 shorted) under the following conditions:
• Temperature sensor not detected (E0 shows up on the display).
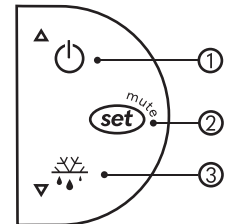• Temperature below 32 °F / 0 °C or above 131 °F / 55 °C.

Changing Settings:

Choosing between °F & °C (default is °F)

Press "SET" until PS is displayed. Press "SET".
Use   or   until value "22" is reached. Press "SET".
Use   or   until "/5" parameter is displayed.
Press "SET" to display the current value (°C = 0 / °F = 1).
Use   or   to reach the desired value.
Press "SET" for 5s to save the new value.

Changing the temperature alarm setpoints

Press "SET" until PS is displayed.
Press   or   until AL (low temp alarm) or AH (high temp alarm) is displayed.
Press "SET" to display the current value.
Use   or   to reach the desired value (Please note that the value is the different.
Press "SET" for 5s to save the new value.

Delivery Items:

   • TD-100 Temperature and Alarm Display Unit.
   • Power Supply cable (1.5 m / 59") with connector for connection to unit and loose ends.
   • Temperature Sensor cable (1.5 m / 59") with connector for connection to unit.
   • 5 pole connector for connection of alarm contacts (if required).
   • Mounting Clips (x2).
   • Plastic Frame.