
1. Function
   This model is a temperature controller that is used to maintain a suitable working environment in the electronic control. The output signal is either a relay contact, 0-10V/4-20mA analog signal, or SSR. The controller can be set by the user through a digital display and adjustment button. The input current is 220VAC Power. The controller can be used in various environments, such as electronic control rooms, laboratories, and other places where temperature control is required.

2. Appearance
   The controller consists of a digital display, adjustment buttons, and terminals for connecting input and output signals. The display shows the current temperature and the setpoint temperature. The buttons are used to adjust the setpoint temperature and the gain of the controller. The terminals are used to connect the input and output signals.

3. Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power</td>
<td>220VAC</td>
</tr>
<tr>
<td>Temperature</td>
<td>-20°C to 120°C</td>
</tr>
<tr>
<td>Current</td>
<td>10A</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>220VAC</td>
</tr>
<tr>
<td>Operating Current</td>
<td>10A</td>
</tr>
</tbody>
</table>

4. Installation
   The controller can be mounted on a wall or panel using the provided mounting bracket. The input and output signals should be connected to the corresponding terminals according to the wiring diagram provided in the manual.

5. Operation
   The controller can be set to operate in three modes: P, PI, and PID. The user can select the mode according to the specific application requirements.

6. Adjustment
   The setpoint temperature can be adjusted using the adjustment button. The gain of the controller can be adjusted to improve the response time and stability of the system.

7. Troubleshooting
   Common issues that may occur include incorrect display readings, incorrect setpoint temperature, and unstable operation. These issues can be resolved by checking the connections and calibrating the controller. If the problems persist, contact the manufacturer for further assistance.

8. Maintenance
   Regular maintenance is required to ensure the longevity of the controller. The digital display and adjustment buttons should be kept clean and free from dust. The input and output signals should be checked periodically to ensure they are functioning properly.

9. Accessories
   The controller comes with a user manual and a mounting bracket. Additional accessories such as calibration kits and spare parts are available from the manufacturer.

10. Warranty
    The manufacturer offers a one-year warranty on the controller from the date of purchase. The warranty does not cover damage caused by misuse or neglect.

11. Contact Information
    For more information, contact the manufacturer's customer service department. The contact information is listed in the user manual.