

PID TEMPERATURE CONTROLLER KIT 40A 0-400°C

Model: REX-C100FK02-V*AN / 200761

Detailed wiring diagram of the TH100 solid state output with grounding device above 500W
Drawing of the YH100 connection to a heat element through a solid state relay with alarm

Attention to noted,

1. ONE, terminal 1 and 2 are power supply of temperature controller.
2. Terminal 4 and 5 are output terminal of temperature controller that are main to connect to solid state relay. The detail connection is that 3+ of solid state relay is connected to terminal 4 of temperature controller, 4- of solid state relay is connected to terminal 5 of temperature controller so that can drive the solid state relay to work. After that solid state relay control the heating tube is ok.
3. Terminal 6 and 7 is output terminal of temperature controller for over temperature alarm which are main to connect buzzer. The detail connection is that one end is directedly connected to the terminal 1 of temperature controller. Then short connect between terminal 2 and 7. Finally, the other end of buzzer is connected to terminal 6 of temperature controller as form a loop. Terminal 6 and 7 is closed when over temperature alarm, then 220VAC will be add on buzzer so the buzzer will alarm.
4. Thermocouple probe wires red connector should be connected to terminal 10 of temperature controller, and blue end should be connected to terminal 9 of temperature controller. Don't connect reverse.

