

Rubber heater 300x300mm, 220 Volt 500 watt

- Compressive Strength: $\geq 3\text{KV}$ Static resistance
- Insulation Resistance: $\geq 100\text{M}\Omega$
- Max Temperature 250C
- Tensile Strength: $\geq 8.0\text{Mpa}/\text{M}2$
- Max Use Temperature 180-200C
- Elongation at Break: $\geq 4\%$
- Peel Strength $\geq 2500\text{N}/\text{M}2$
- Compressive Stress: $> 15\text{kg}/\text{cm}2$
- Thinkness: 0.12 inch(dual-fly)
- Lead wire: 500mm cable with adhesive back and 100k thermistor

Temperatur-regulator til HEAT-bed

This temperature controller can be used to control heating of any heatbed in conjunction with the Power Expander. Also it can be used for any other cooling / heating requirements.

Specifications :

Dimensions : 48 x 40mm

Temperature control mode : ON / OFF

Temperature range : -50 - 110 °C

Resolution : When temperature is 0.1°C, the resolution is -9.9~99.9, other temperature segment is 1°C

Control accuracy : 0.1 °C

Hysteresis accuracy : 0.1°C

Refresh rate : 0.5S

High temperature protection : 0-110°C

Supply voltage : DC 12V

Static current : $\leq 35\text{MA}$, attract current $\leq 65\text{MA}$

Output voltage : DC 12V

Output power : 10A relay (To operate a Heatbed a Power Expanded is recommended)

Measurement input : NTC (10K 0.5%) Waterproof Sensor

Environmental requirements : -10 ~ 60 °C, Humidity 20% -85%

NTC beta value: 3900-3949K (Thanks to Jaco)

How to use:

Connect the power supply and the load to the terminals.

The current temperature is displayed.

Press the SET button, the display flashes the temperature.

Press + or - to set the desired temperature. Press SET to confirm the temperature.

The LED indicator will be lit when relay is on, and the LED indicator will be off when the relay is off.

The display will show the temperature or LL if the sensor is open, HH if it's out of range or HHH if it's the High Temperature Alarm

To change settings of the Temperature Controller press and hold the SET button for 5 seconds.

Press + or - to toggle P0 - P8 settings and press SET.

Setting	Description	Range	Factory default
P0	Cooling/Heating	C/H	C
P1	Hysteresis setting	0.5 - 15	2
P2	Upper limit	110	110
P3	Lower limit	-50	-50
P4	Temp. correction	-7 - 7C	0
P5	Delay start time	0-10min	0
P6	High Alarm	0-110C	OFF

To restore to factory settings, press and hold the + and -

Package included :

1x Digital Temperature Control Switch

1x Waterproof temperature sensor