



الحمادي للإلكترونيات
ALHAMMADI FOR ELECTRONICS



Parameters:

Voltage: AC 220V

maximum power: 2000W, resistive load limit power, power should be reduced for long-term use, it is recommended that the room temperature resistive load is less than 1000W (key parameters, please note). The back tin plating can be increased as needed.

Voltage regulation: AC 50-220V

Specification size: high temperature resistant FR-4 circuit board

Note that the load must be connected to regulate the voltage.

Thyristors are mainly used for resistive loads (heating wires, incandescent lamps, etc.), and most of the single-phase AC motors can also be, but they are not guaranteed.

Materials used in this regulator:

The original imported chip thyristor is used

All are high-voltage capacitors,

All are metal film resistors,

ST original imported trigger diode,

precision multiturn potentiometer,

The potentiometer bracket has been added at any cost to prevent the potentiometer from breaking the pin,

The materials are all high-quality, and you can know it by comparison.

It comes with a heat sink, and the buyer can use it when he gets it.

The original imported chip thyristor is used

This voltage regulator has a peak voltage absorption circuit to effectively

protect the high-power thyristor, and the service life is longer and more durable.

How to Use:

The product is connected in series in the circuit of the table lamp or electrical appliances, (that is, the table lamp and electrical appliances are disconnected from any one of the live wire or zero wire, and the two wires of this "product" can be connected) to rotate the potentiometer rod, which can play the role of light and shade adjustment, speed regulation, voltage regulation and temperature regulation; It is very convenient to use.

This product is suitable for: using a new type of bidirectional high-power thyristor, because the current can reach 25 A, which solves the overcurrent problem caused by the resistance of the electric furnace wire is too small in the case of cooling; The output voltage of the mains can be easily adjusted between 50----220 volts for electrical use. Such as: electric furnace, water heater heat regulation, lamp dimming, small motor speed regulation, electric soldering iron

temperature regulation, etc. So as to achieve the effect of dimming, temperature regulation and pressure regulation. It can be used for large electrical appliances with electricity power less than 2000 watts, because the power is already very large, so the general household appliances or small factories are enough. **(The power of inductive or capacitive load should be reduced, this voltage regulator is equipped with bidirectional high-power thyristor, and the potentiometer is equipped with a nut, which can be used without adding any components, which is very convenient and practical).**