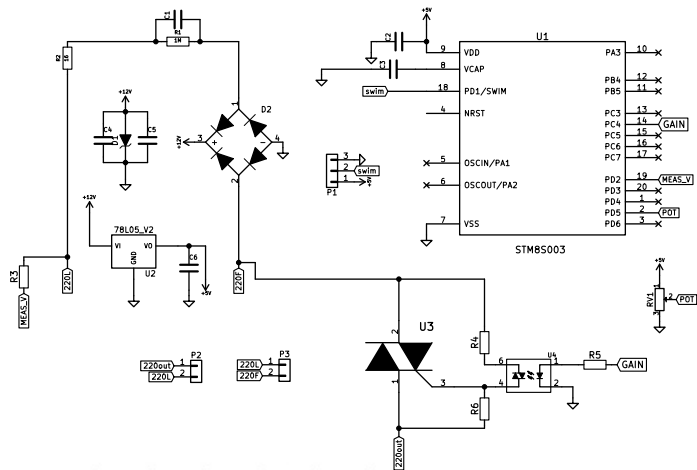


## Electric scheme



**M216.5**

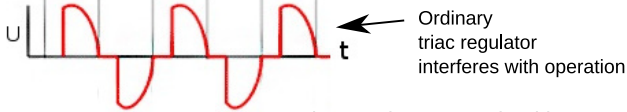
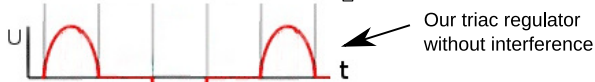
## AC 220V Low noise SCR Voltage Regulator 0,88kW

The kit includes:  
 - assembled circuit board; manual.  
 Store under normal climatic conditions  
 Shelf life Unlimited

The operating principle of this power regulator is based on changing the integer number of half-periods of the line voltage supplied to the load per unit of time. The load is switched on and off near the moments of the line voltage transition through zero, which practically eliminates switching interference inherent in regulators with phase-pulse control. The switching frequency is relatively low, so the regulator should be used only with heat-inertial loads (for example, with soldering irons, low-power heaters). It is not very suitable for adjusting the brightness of incandescent lamps, even powerful ones - flickering will be noticeable.

### Specifications

Switching voltage - network;	
Maximum switching current (BT136-600E), A.....	4;
Maximum switching current (BT137-600E), A.....	8;
Maximum load (BT136-600E), W.....	880;
Maximum load (BT137-600E), W.....	1760;



When using a load with a power greater than 200 W, the triac must be installed on a radiator with a surface area of at least 100 cm<sup>2</sup>.



**The device is not galvanically isolated from the power supply! It is forbidden to touch the elements of the switched-on circuit!**

