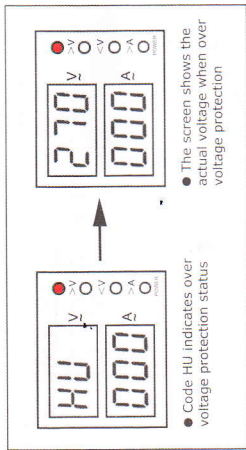
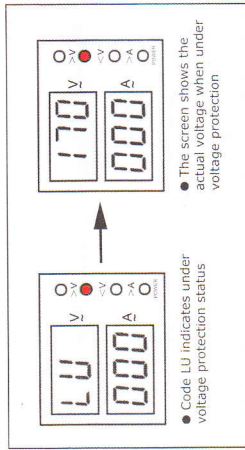


## V.Screen display description

### 5.1 Over voltage protection status

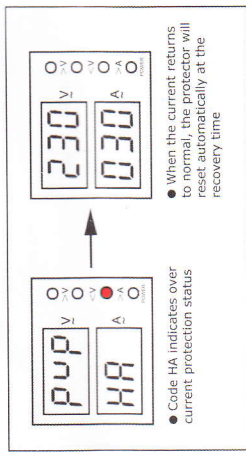


### 5.2 Under voltage protection status

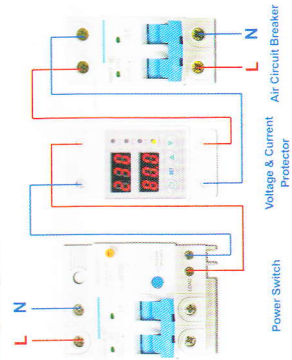


-5-

### 5.3 Over current protection status

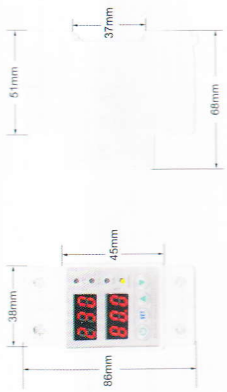


## VI.Wiring diagram

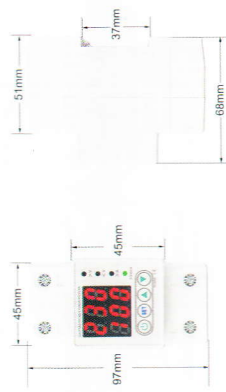


-6-

## VII.Installation dimension



40A/63A/80A dimension



100A dimension

-7-

Adjustable voltage and current  
protective device



## Instruction manual

## I. Application

Adjustable voltage and current protective device is an intelligent protector integrated with over-voltage protector, under-voltage protector and over-current protector. In case of over-voltage fault, under-voltage fault or over-current fault in line, this product can instantly power off to prevent electrical equipment from being burnt. The over-voltage, under-voltage and over-current values of this product can all be set up by yourself and can be adjusted on the basis of local practical condition.

## II. Product features

- 2.1 In case of over-voltage fault, under-voltage fault or over-current fault in single phase line, the product can power off the line and can automatically restore connecting the line over a time delay after voltage or current of the line is recovered to normal condition.
- 2.2 In case of transient over voltage in line, the product can protect the equipment from false operation.
- 2.3 In case that the line subjects to unstable voltage or sudden power-off and power-on due to loosened connection and other fault, the product will disconnect the line.
- 2.4 When fault voltage of the line reaches the peak, the product itself will not be damaged.

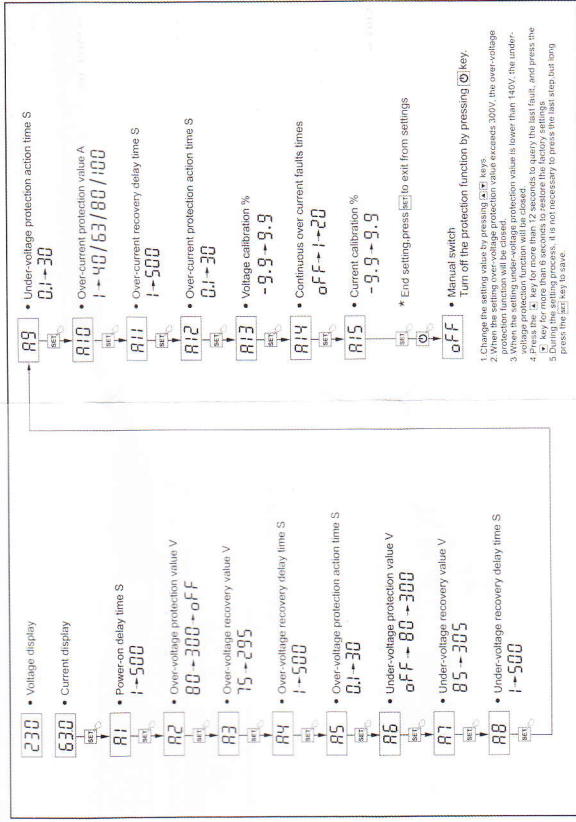
-1-

## III. Main technical parameters

| Function                             | Technical Parameter          | Function                       | Technical Parameter       |
|--------------------------------------|------------------------------|--------------------------------|---------------------------|
| Input voltage                        | AC 80-300V                   | Power-on delay time            | 1-500s<br>default 10s     |
| Over-voltage protection value        | 80-300V<br>default 270V      | Over-voltage recovery value    | 75-295V<br>default 265V   |
| Under-voltage protection value       | 80-300V<br>default 170V      | Under-voltage recovery value   | 85-305V<br>default 175V   |
| Over-current protection value        | 40A 0.1-40A<br>default 20A   | Over-current recovery value    | 0.1-39.5A                 |
|                                      | 63A 0.1-63A<br>default 40A   |                                | 0.1-62.5A                 |
|                                      | 80A 0.1-80A<br>default 60A   |                                | 0.1-79.5A                 |
|                                      | 100A 0.1-100A<br>default 80A |                                | 0.1-99.5A                 |
| Recovery delay time                  | 1-500s<br>default 30s        | Action time                    | 0.1-30s<br>default 1s     |
| Continuous over current faults times |                              | 1-20 times<br>default OFF      |                           |
| Power consumption                    | ≤2W                          | Electrical and mechanical life | ≥10000cycles              |
| Boundary dimension                   | 86×38×68MM<br>97×45×68MM     | Wiring                         | Over-entering<br>down-out |

-2-

## IV. Product setting:



-3-

-4-