I. Application

Adjustable voltage and current protective extension socket 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 protection values of this product can all be set up by yourself and can be adjusted on the basis of local practical condition.We have several types for you to choose , standard outlets socket and USB fast charging options, also the length and plug types of the cable can be customized .

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.

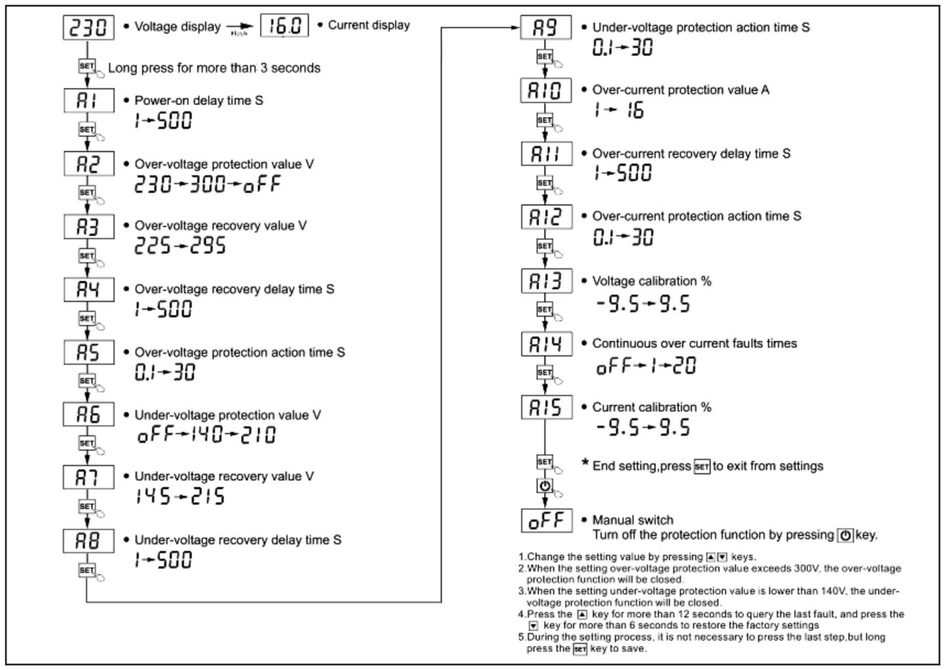
2.3 In case that the line subjects to unstable voltage or sudden power-off and power-on due to loosened connection and other fault, the product will disconnect the line.

2.4 When fault voltage of the line reaches the peak, the product itself will not be damaged.

III. Main technical parameters

Function	Technical Parameter	Function	Technical Parameter
Input voltage	AC 140-300V	Power-on delay time	1-500s default 10s
Over-voltage protection value	230-300V default 270V	Over-voltage recovery value	225-295V default 265V
Under-voltage protection value	140-210V default 170V	Under-voltage recovery value	145-215V default 175V
Over-current protection value	16A:1-16A default 16A	Over-current recovery value	0.5-15.5A
Recovery delay time	1-500s default 30s	Action time	0.1-30s default 1s
Continuous over current faults times		1-20 times default OFF	
Power consumption	□ 2W	Electrical and mechanical life	100000cycles
Boundary dimendion	278 56 42MM	Socket type	Universal, UK,EU,US
Rated Power	3200W	Optional options	Outlets / Fast charging USB

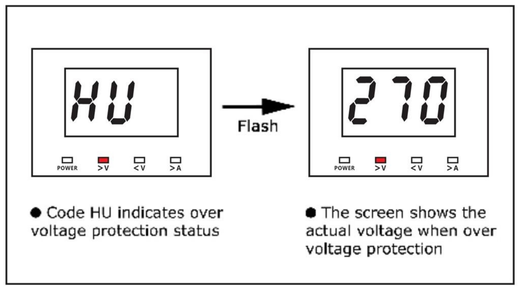
IV. Product setting:



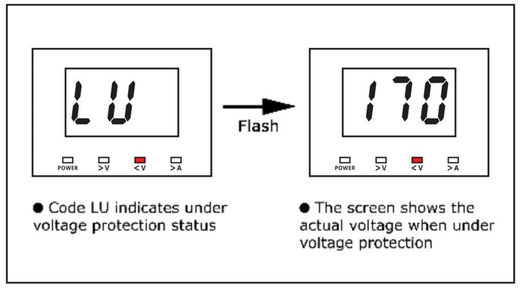
① Power indicator
② Over-voltage alarm indicator
③ Under-voltage alarm indicator
④ Over-current alarm indicator
⑤ Manual switch
⑥ Set key:Long press for 3 seconds to enter the setting interface
⑦ Adjustment key +
⑧ Adjustment key −

VI.Screen display description

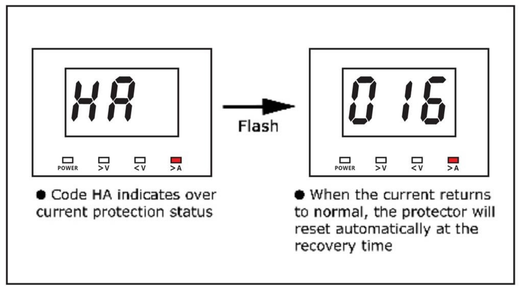
6.1 Over voltage protection status



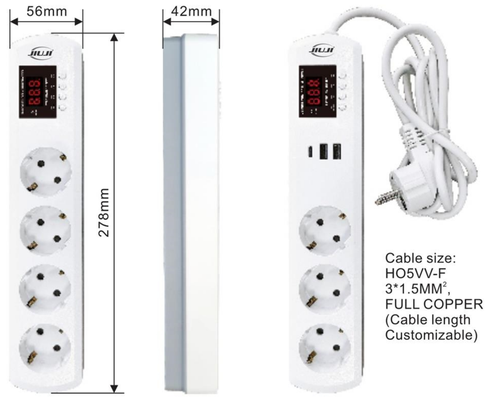
6.2 Under voltage protection status



6.3 Over current protection status



VII. Product dimension



VIII. Socket type

Adjustable voltage and current protective extension socket

Instruction manual