



ETЭK

Adjustable multifunctional protective socket



Instruction manual

I. Application

Adjustable multifunctional protective socket is an intelligent protector integrated with over-voltage protector, under-voltage protector, over-current protector and leakage protector. In case of over-voltage fault, under-voltage fault, over-current fault or leakage in line, this product can instantly power off to prevent electrical equipment from being burnt. The over-voltage, under-voltage, over-current and leakage protection 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, over-current fault or leakage 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.

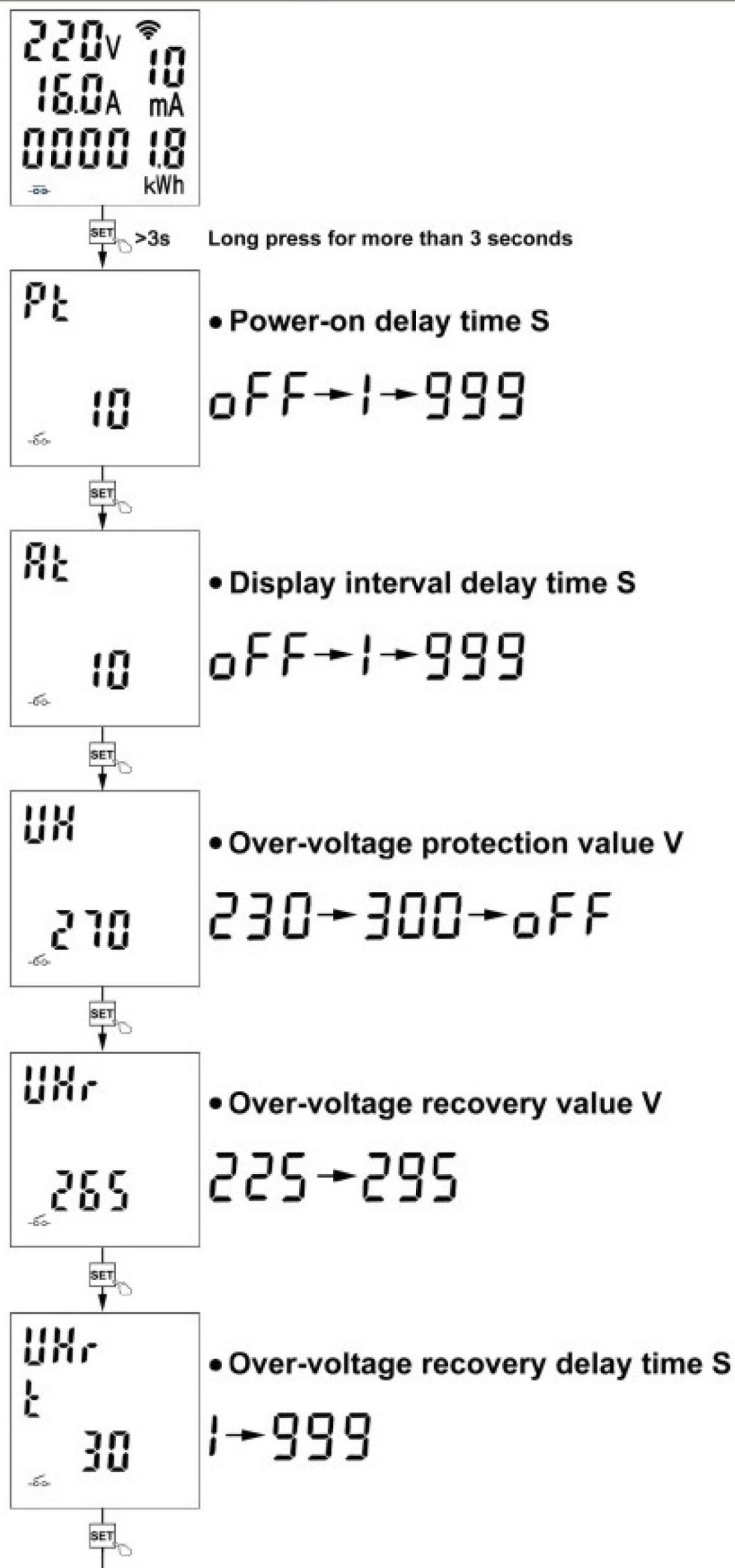
2.4 When fault voltage of the line reaches the peak, the product itself will not be damaged.

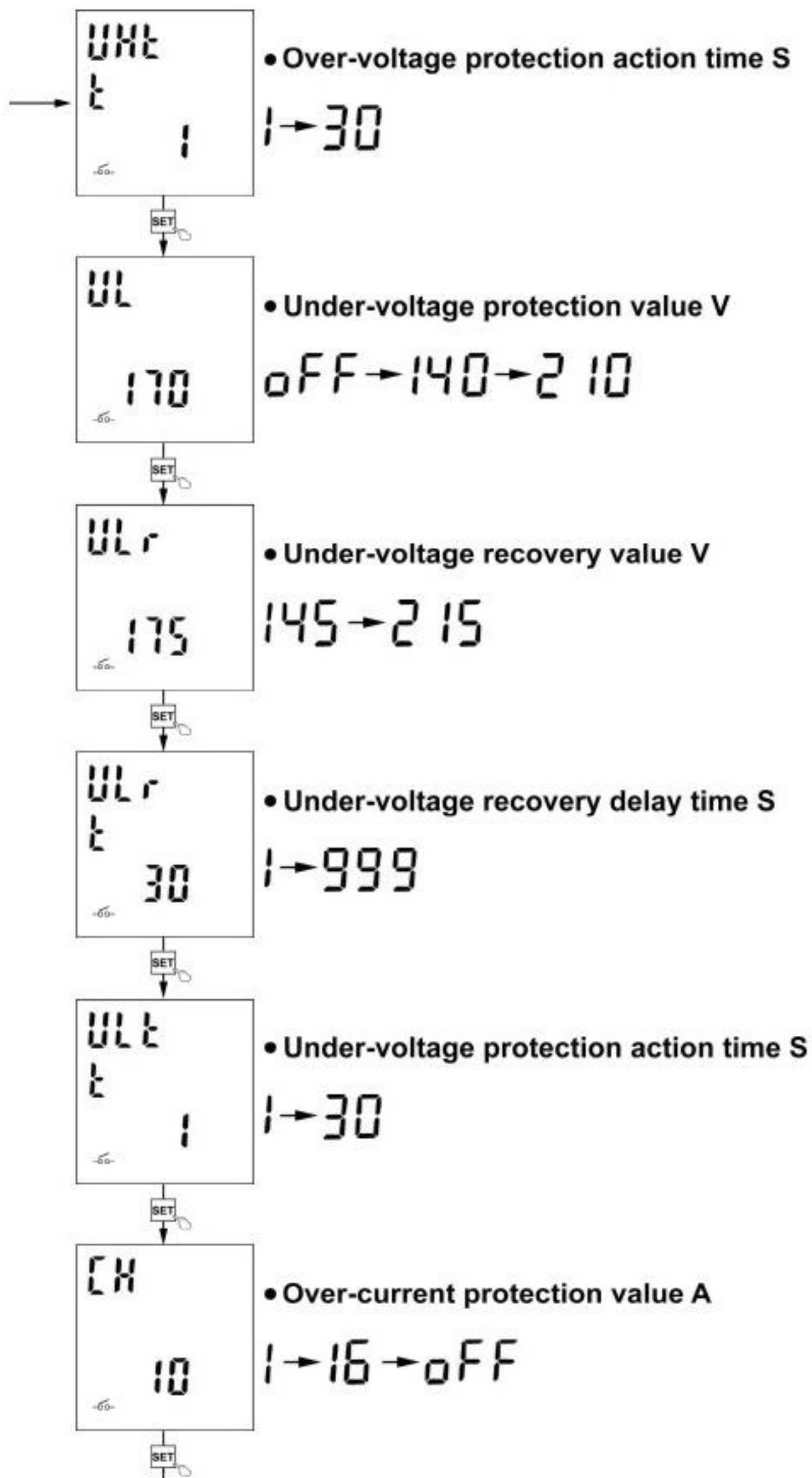
2.5 The protector can display voltage, current, kilowatt, power factor, frequency, kilowatt-hour and prepaid power value.

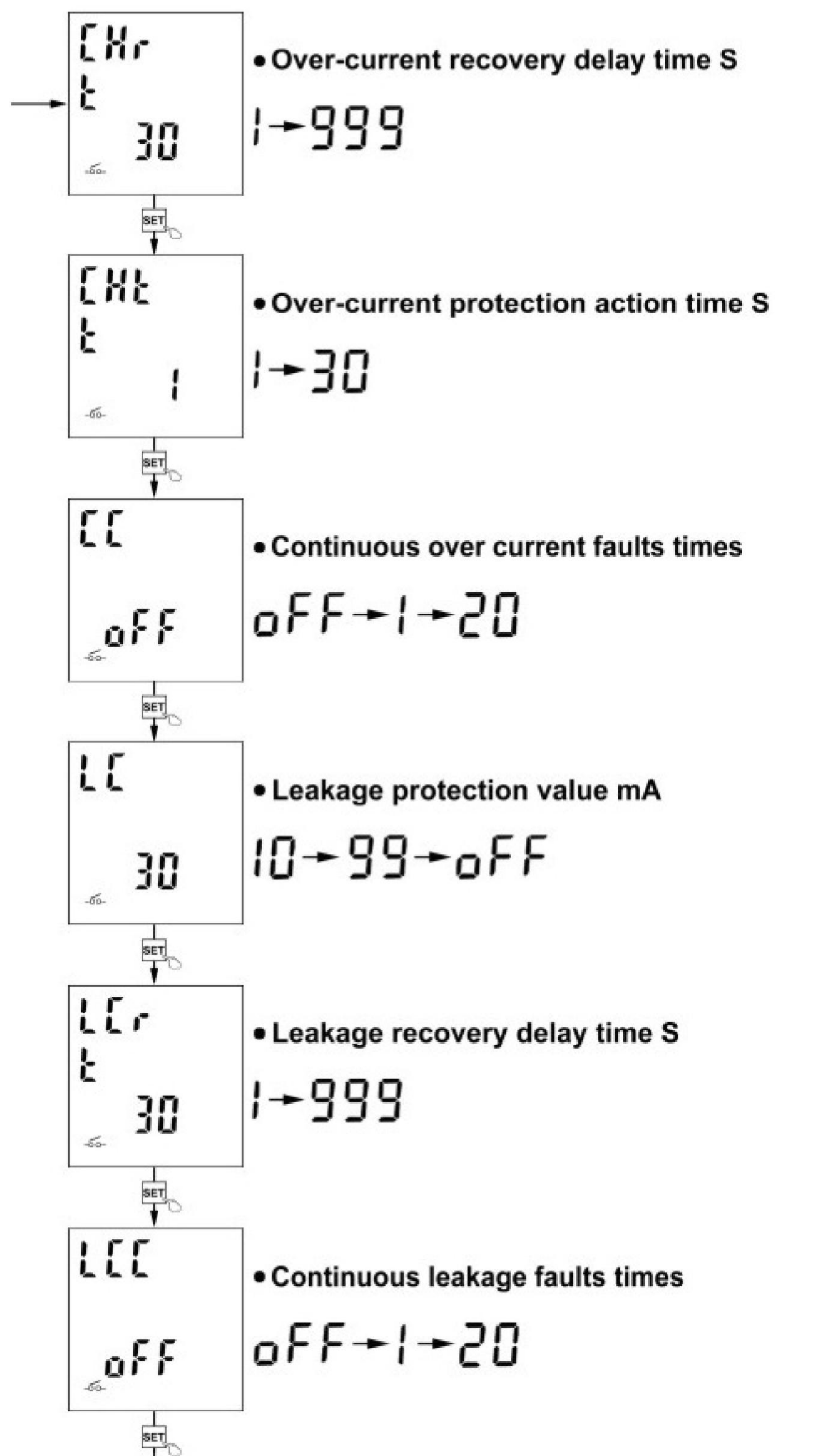
III. Main technical parameters

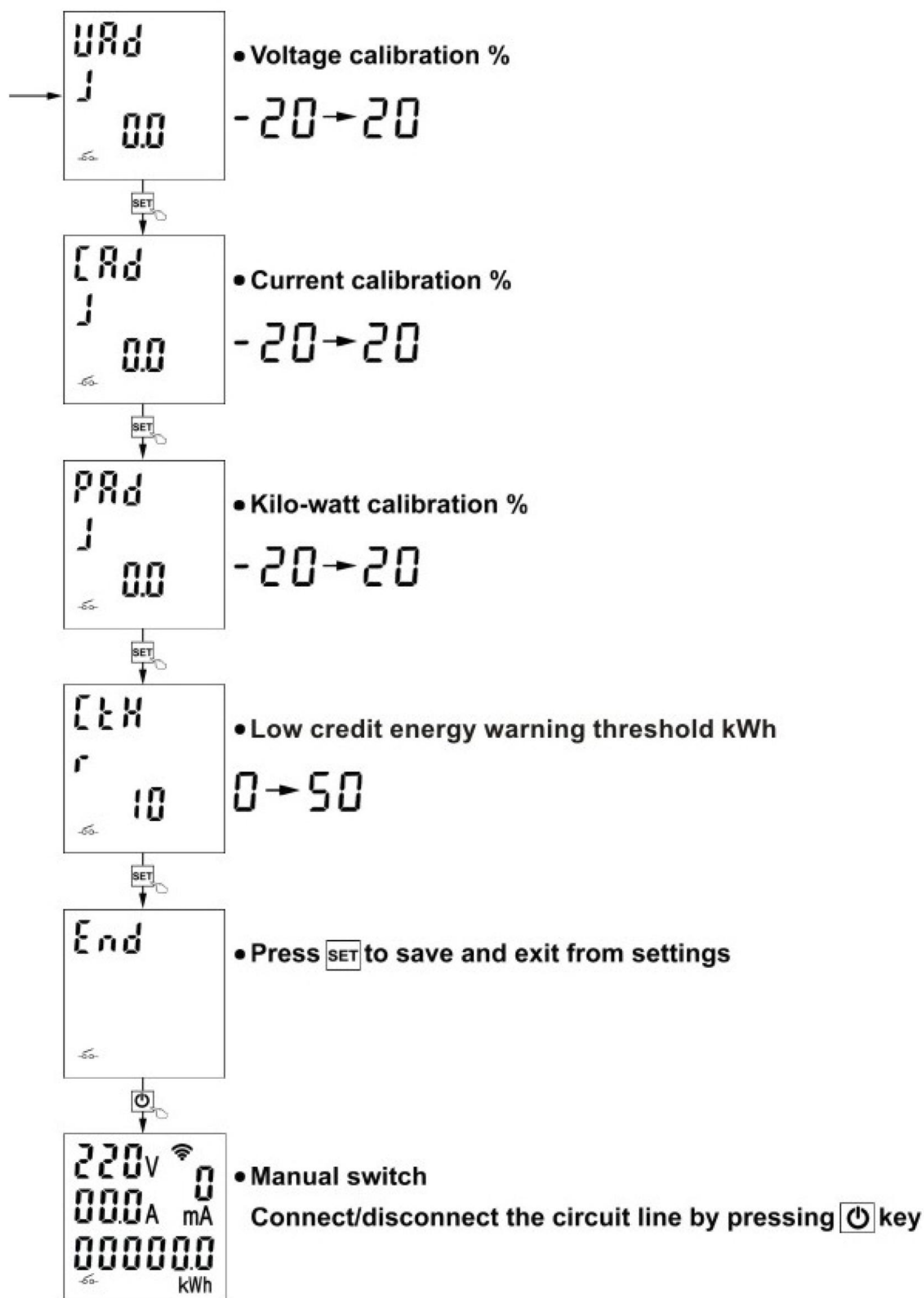
Function	Technical Parameter	Function	Technical Parameter
Input voltage	AC 140–300V	Power-on/ display interval delay time	1–500s default 10s
Over-voltage protection value	230–300V default 270V	Over-voltage recovery value	225–295V default 265V
Under-voltage protection value	140–210V default 170V	Under-voltage recovery value	145–215V default 175V
Over-current protection value	16A:1–16A default 16A	Over-current recovery value	0.5–15.5A
Leakage protection value	10–99mA default 30mA	Voltage/ current/ kW calibration	–20–20%
Recovery delay time	1–500s default 30s	Action time	0.1–30s default 1s
Continuous over current/ leakage faults times		1–20 times default OFF	
Power consumption	$\leq 2W$	Electrical and mechanical life	≥ 100000 cycles
Boundary dimendion	122 × 55 × 86MM	Socket type	Universal, UK,EU,US

IV.Product setting









*Adjust the setting value by pressing ▲ ▼ keys

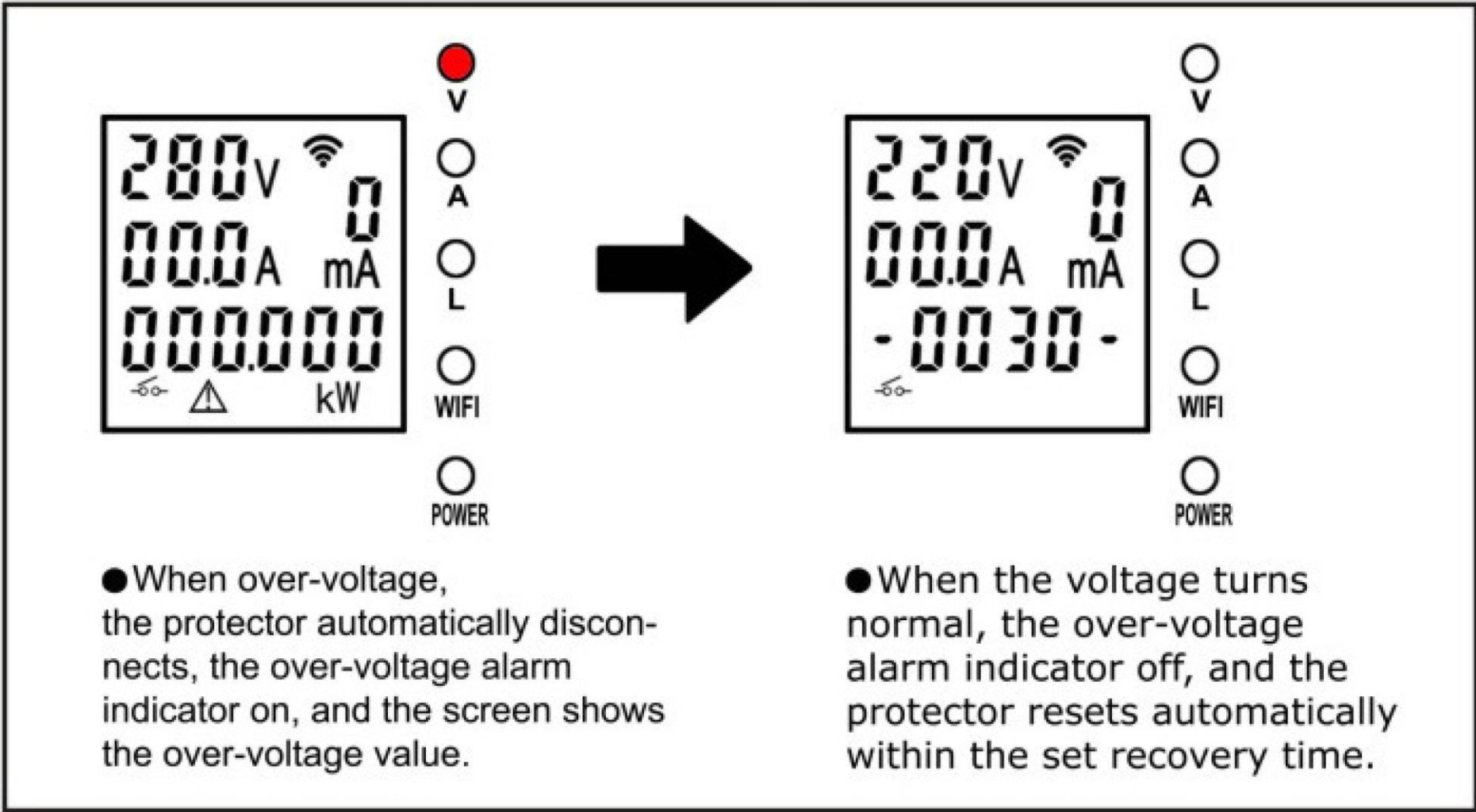
V.Panel indicator lamps and keys instructions



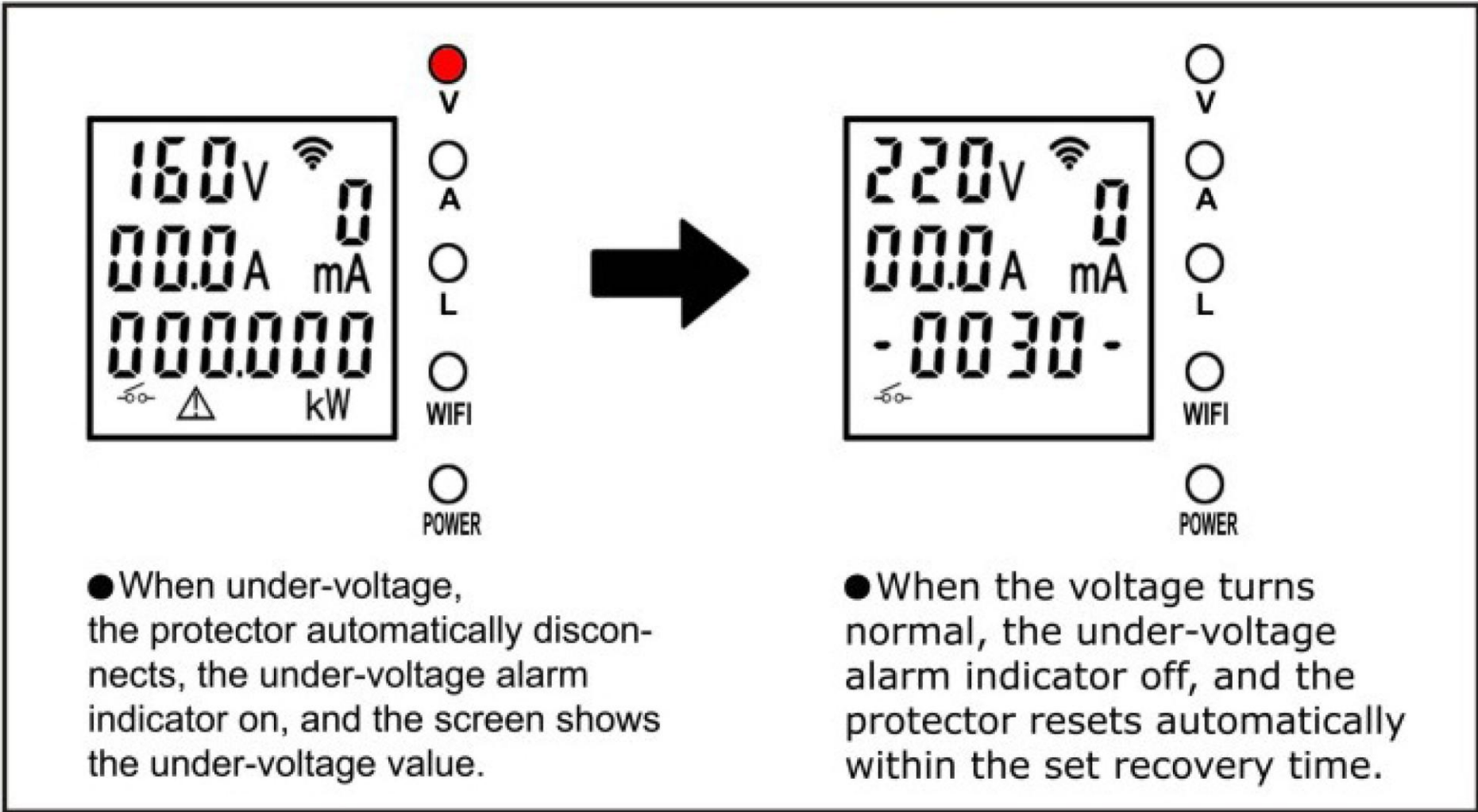
- ① Over/Under-voltage alarm indicator
- ② Over-current alarm indicator
- ③ Leakage alarm indicator
- ④ WIFI indicator
- ⑤ Power indicator
- ⑥ Manual switch
- ⑦ Set key: Long press for 3 seconds to enter the setting interface
- ⑧ Adjustment key +
Test key: Long press for 3 seconds to test the leakage
- ⑨ Adjustment key -
WIFI key: Long press for 3 seconds to configure the Wifi

VI. Protection display description

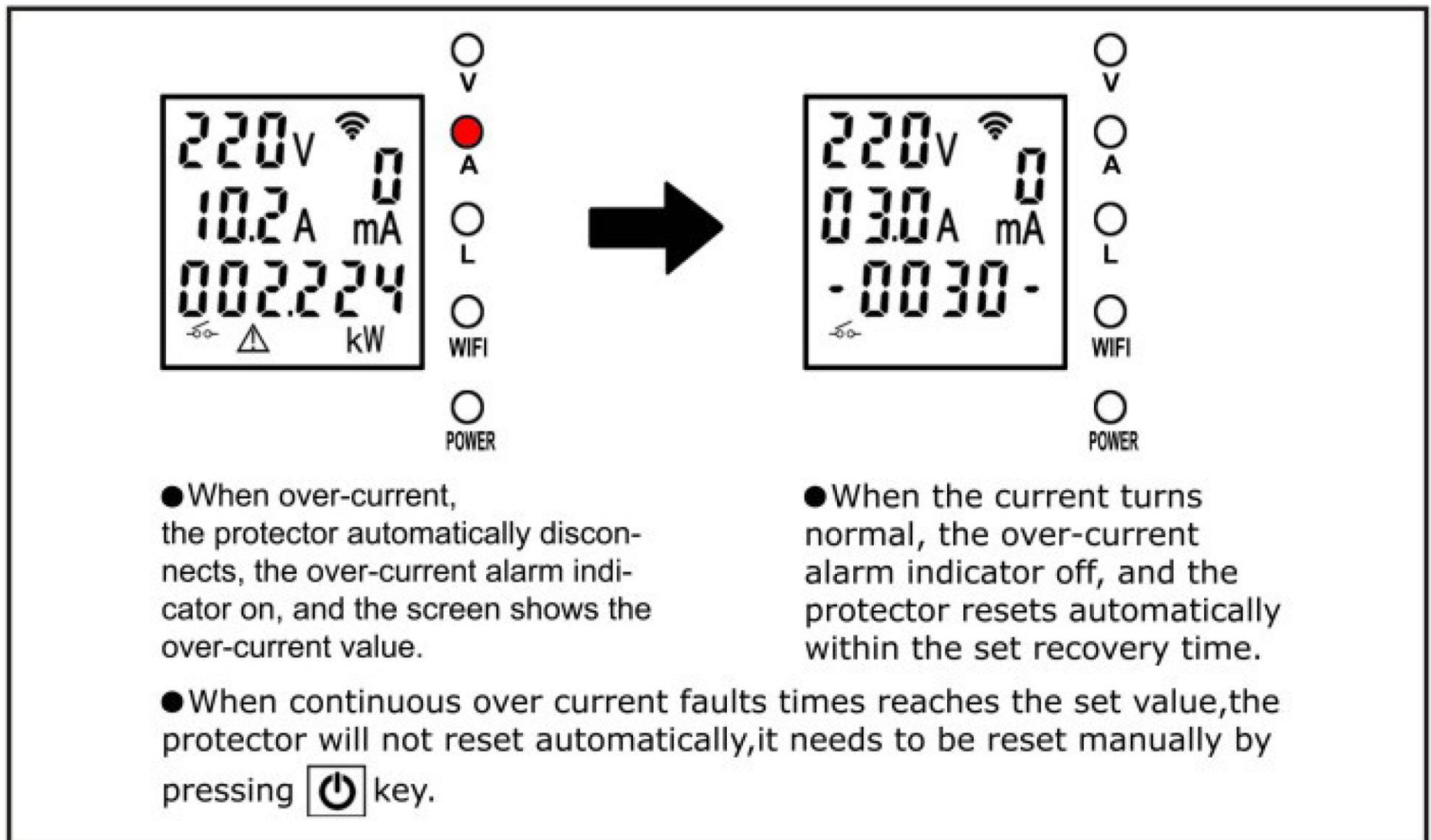
6.1 Over voltage protection status



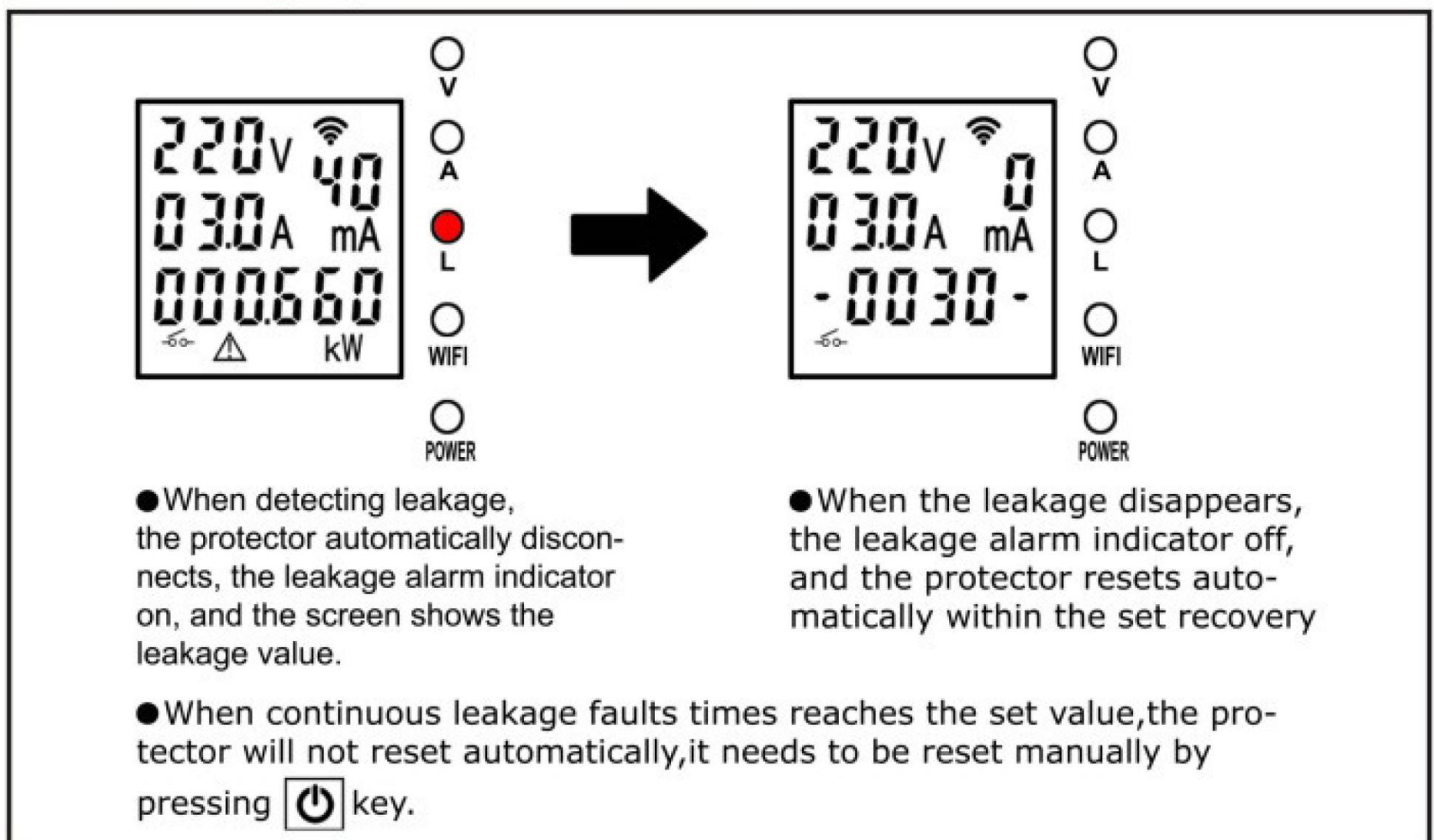
6.2 Under voltage protection status



6.3 Over current protection status



6.4 Leakage protection status



VII.Screen display description



● Kilowatt displays



● Power factor displays



● Frequency displays



● Prepaid power value displays



● Kilowatt-hour displays

VIII. Product dimension



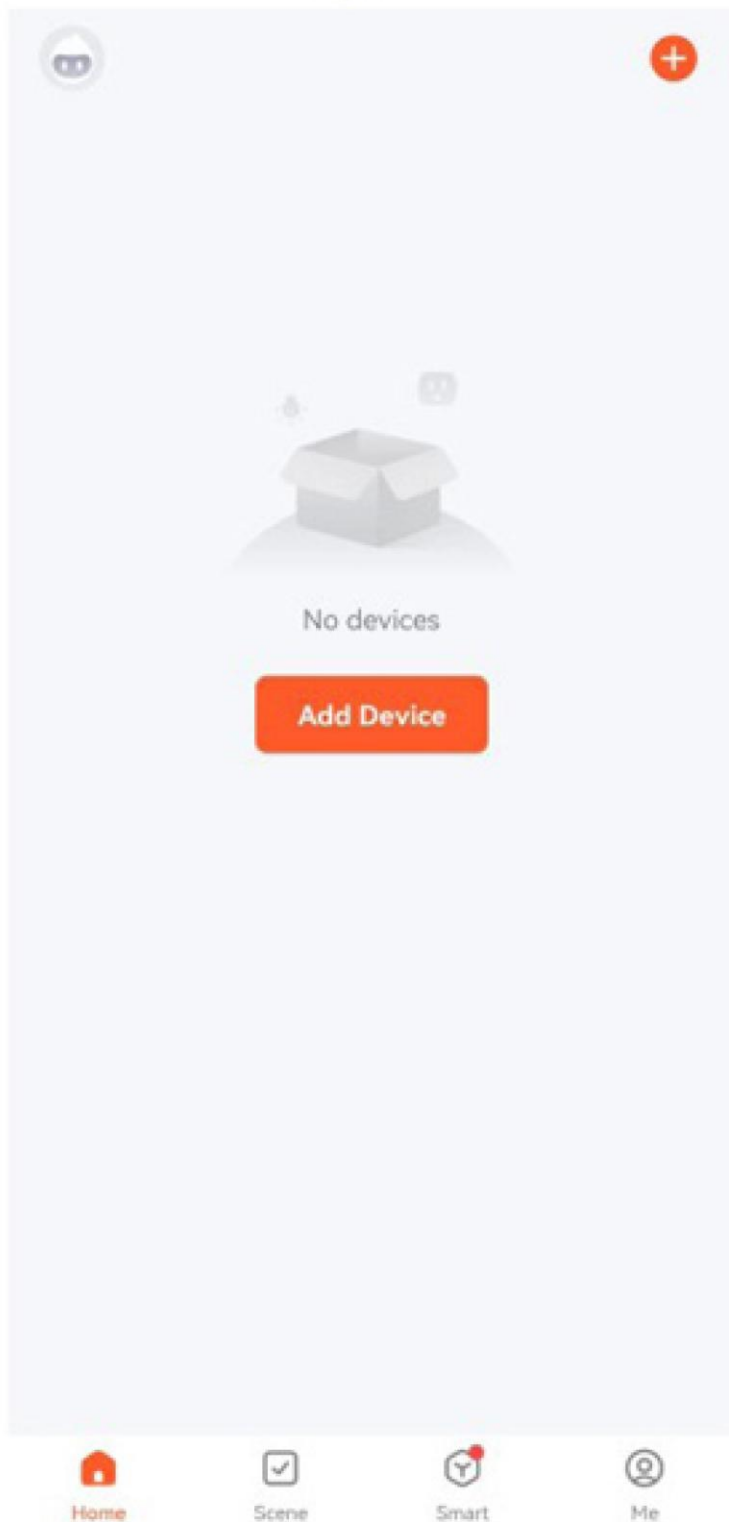
IX. Socket type



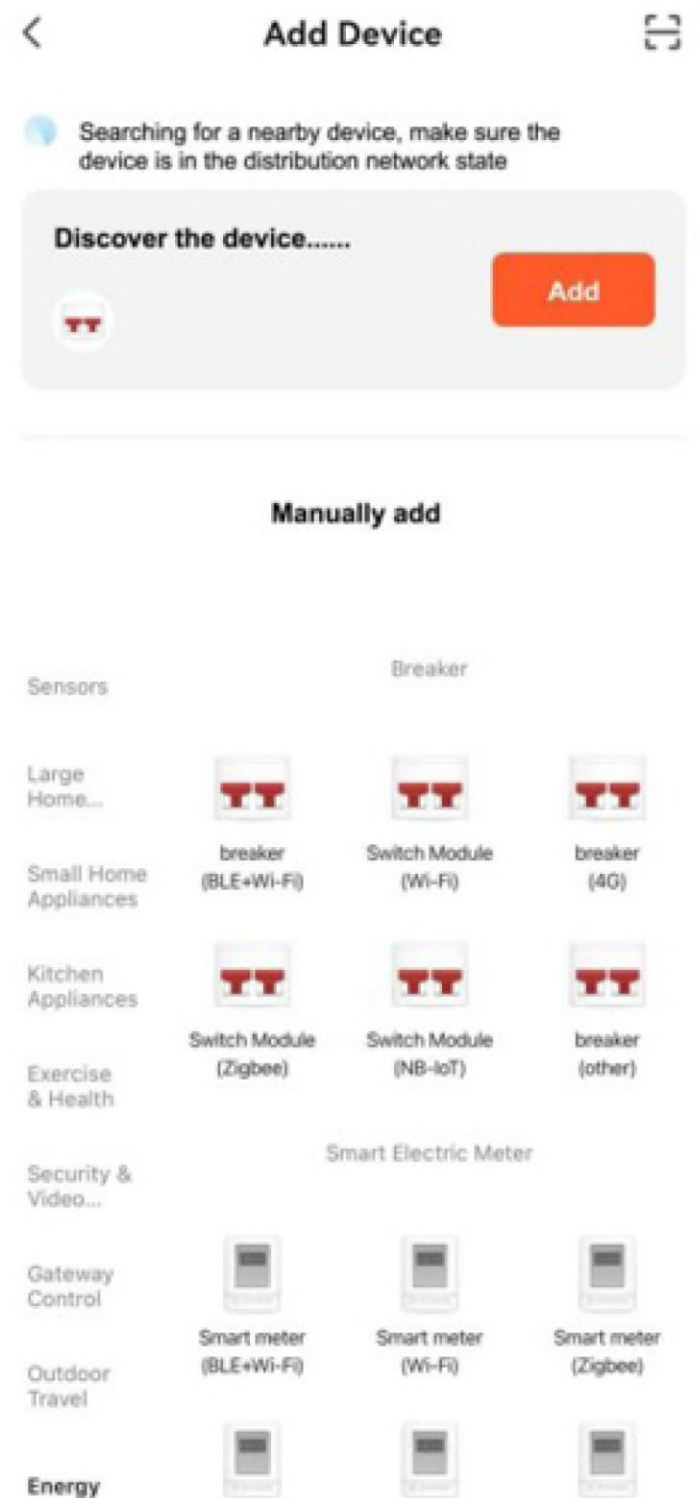
X.Protector networking steps



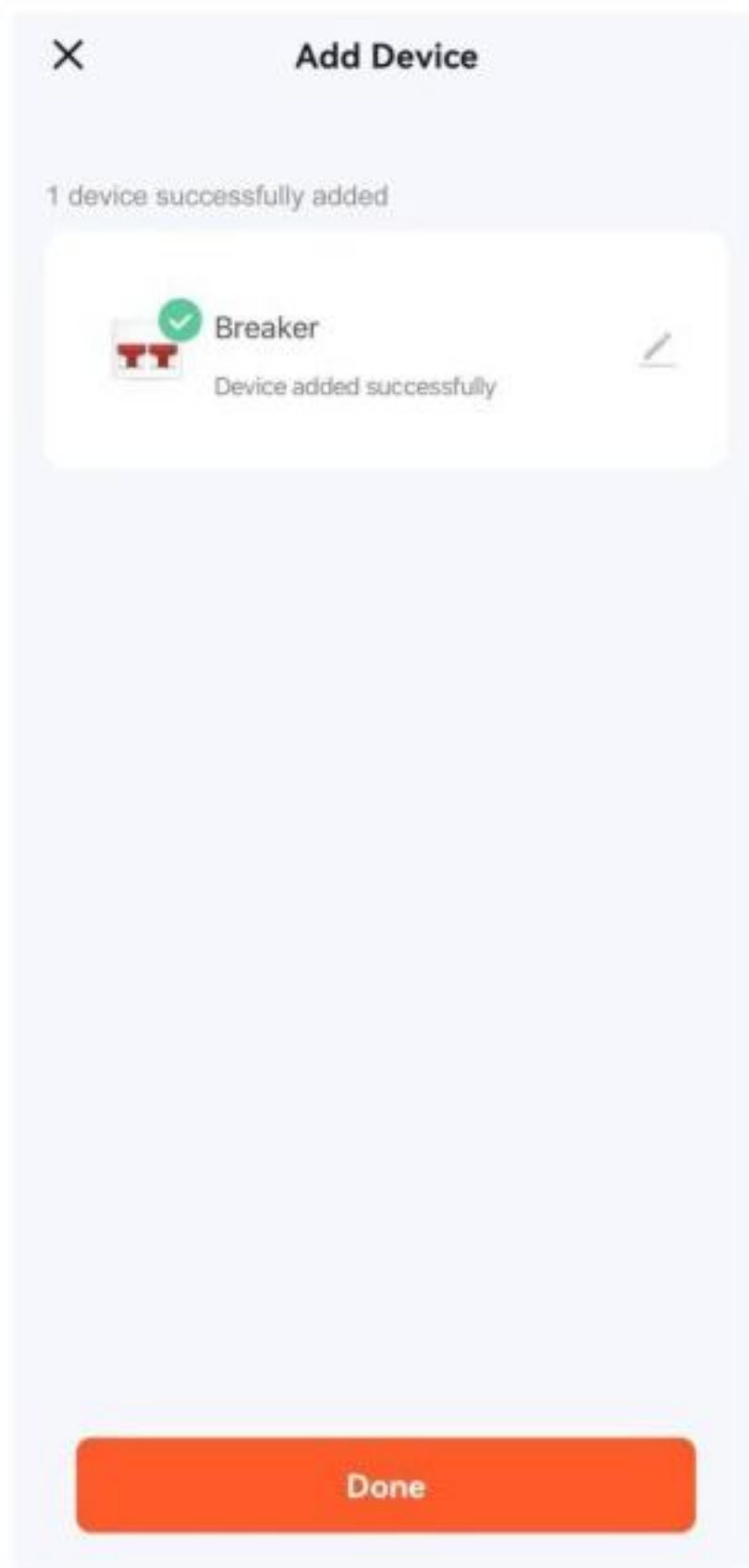
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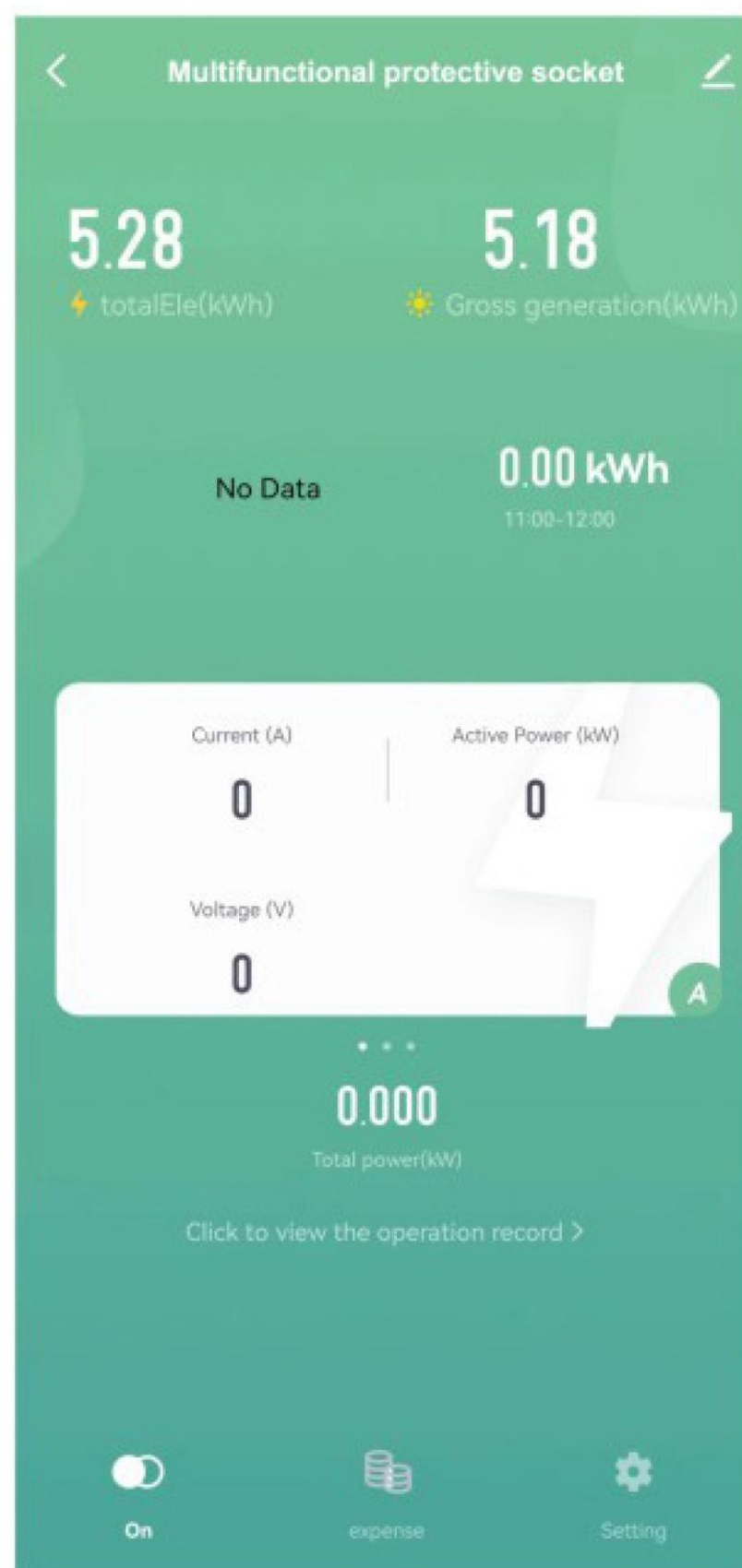
Click Add Device to start adding protector



Discover the protector and click Add



The protector is added successfully



Enter the mobile phone
operation interface