

TechnoParts

Electronic Parts & Electro Technical Equipment

AMP-VOLT-POWER METER-100VDC-20A

6.5 to 100 Volt & 0 to 20 Ampere Panel Meter



Feature:

1. Electrical parameter measurement function (voltage, current, active power, energy)
2. Voltage alarm function (over voltage alarm threshold, backlight and voltage flashing to alarm).
3. The reset function of energy key.
4. Store data when power off.
5. Large-screen LCD (display voltage, current, active power, energy at the same time)
6. Backlight function.

Specification:

Working voltage: 6.5~100Vdc
Voltage test range: 6.5~100Vdc
Current: test range: 0~20A
Power test range: 0~2kW
Energy test range: 0~9999kWh
Measurement accuracy: 1.0 grade



Display format

Voltage test range, display format: 6.50~99.99V
Current test range, display format: 0.00~20.00A
Power test range, within 1KW, the display format is 0.0~999.9W;
1KW and above, the display format is 1000~2000W
Energy test range, within 10kWh, the display format is 0~9999Wh;
10kWh and above, the display format is 10~9999kWh

Backlight control

Short press the key to turn on or off the backlight, the backlight has memory function, it can store the on or off state when power off.

Reset energy

Step1: Long press the key until the power display area display "CLr", then release the key.

Step2: At this moment, the energy is flashing to prompt this is the energy reset state, if short press the key again, then the energy value is cleared and exit the reset flashing state.

Step 3: If there is no operation within 5 seconds, it means the energy value is not cleared and will exit the reset state.

Set voltage alarm threshold

Step1: Long press the key until the power display area display "SET", then release the key.

Step2: After enter this state, the voltage area display the current high voltage alarm value, the current area display the current low voltage alarm value and the last digit begin to flash, then you can short press to plus 1, when there is no operation over 3 seconds, it will switch the digit position automatically, from the high voltage alarm value to the low voltage alarm value, there are total six digits, the range of the voltage alarm threshold is 6.5~99.9V;

Step3: After finish the setting, long press the key until the screen display "PASS", that means you set successfully and will exit the setting state automatically.

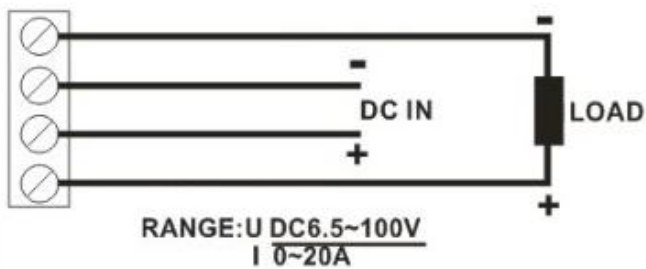
TechnoParts

Electronic Parts & Electro Technical Equipment

Precautions

1. This module is suitable for indoor, please do not use outdoor.
2. Applied load should not exceed the rated voltage, current.
3. Wiring order can't be wrong.

Wiring diagram



Dimension diagram (mm)

