200141

DROK DC Multimeter

http://www.Droking.com

Parameter:

Operating voltage range: DC 6.5-100V

Measuring voltage range: DC 6.5-100V

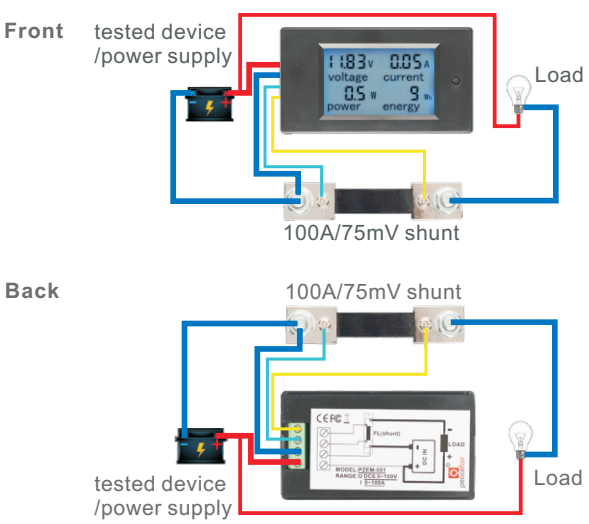
Rated power: 100A/10000W

Accuracy: ⩽1%

Shunt: 100A/75mV

Size pof Shunt: 107x23mm /4.2" x 0.9"

Wiring diagram:



Note:

No load (only detect the voltage, no shunt or load connected):
The positive and negative pole of the power supply of the meter can be directly connected to the positive and negative pole of the power supply/tested device.

With load (connected with shunt and load):
Please note that the negative pole of the DC meter cannot be directly connected to the negative pole of the power supply end. It should be connected to the terminals of the external shunt.

Test range and display format:

Voltage Range: 6.5~100V (display 6.50~99.99V)

Current Range: 0~100A (display 0.00~99.99A)

Power Range: 0~10kW
within 1kW, display 0.0~999.9W;
above 1kW, display 1000~9999W.

Energy Range: 0~9999kWh
within 10KWh, display 0~9999Wh;
above 10kWh, display 10~9999kWh.

Key Operations:

- Backlight Control.

Short press the key to turn on or turn off the backlight.
Backlight on/off status automatically saved when power off

- Accumulated energy data reset.

Step 1. Hold press the key till the display area displays “CLr”, and then loose the key.

Step 2. At this time, the energy display area flashes to indicate that it is at “accumulated energy data reset” status.

Step 3. Short press the key, the accumulated energy will be cleared, and it will stop flashing and exit reset status.

If there is no key operation for 5 seconds, the accumulated energy will NOT be cleared, and it will stop flashing and exit reset status.

- Alarm voltage value setting.

Step 1. Hold press the key till the power display area displays “SET”, and then loose the key.

Step 2. At this time, the meter is at “alarm voltage value setting” mode. The voltage display area displays the present over-voltage alarm value, and the current display area displays the present under-voltage alarm value, and the least significant digit starts to flash.

Step 3. At this time, if short press the key, it will add 1 to this digit.

If no key operation for 3 seconds, it will automatically switch the adjusting digit. There are 6 digits to be adjusted, from the least significant digit to the most significant digit, from the over-voltage value to the under-voltage value.

The settable alarm voltage value range is 6.5-99.9V.

Step 4. After setting the alarm value, hold press the key till the screen displays “PASS” indicating set successfully and exit the setting mode.

- Shunt range setting.

Please set the shunt range before using.
The attached shunt is 100A/75mV.

Step 1. Hold press the key till the power display area displays “CURR”, and then loose the key.

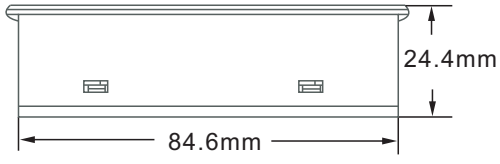
Step 2. At this time, the current display area displays “100A”. Short press the key, it will switch between “100A” and “50A”, so as to indicate whether the range of the shunt is “100A/75mV” or “50A/75mV”. Please note that only these two ranges of shunt can be applied to this meter.

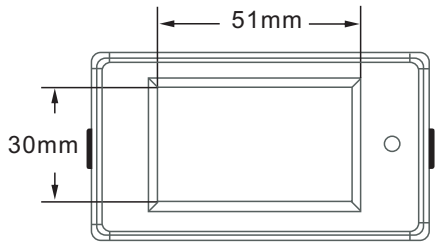
Step 3. Hold press the key until it exits the setting mode. Or no key operation for 3 seconds, it will be automatically saved and exit the setting mode.

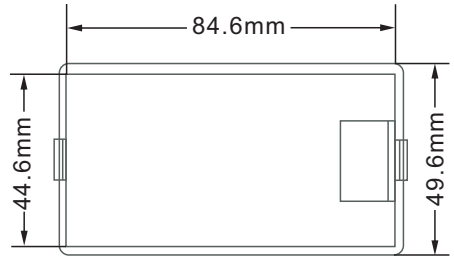
Cautions:

- This module is only applicable for 6.5~100V DC power.
- The voltage and current of the load cannot exceed the rated voltage and current of the meter.
- Wiring order cannot be wrong.
- Please connect the shunt to the negative terminal according to the wiring diagram. If it is connected to the positive terminal, it will cause internal short-circuit or cannot function properly.
- This meter is only suitable for indoor use. Please do not use it outdoor.

Size:







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DC Motor Controller

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