

AC Din Rail Meter

Product model: PZEM-008

A. Function

Measure AC voltage, current, active power, energy and display with LCD.

B. Display

I. Display interface

BTN wide viewing angle LCD: voltage + current + active power + energy + white backlight(see Figure 1)

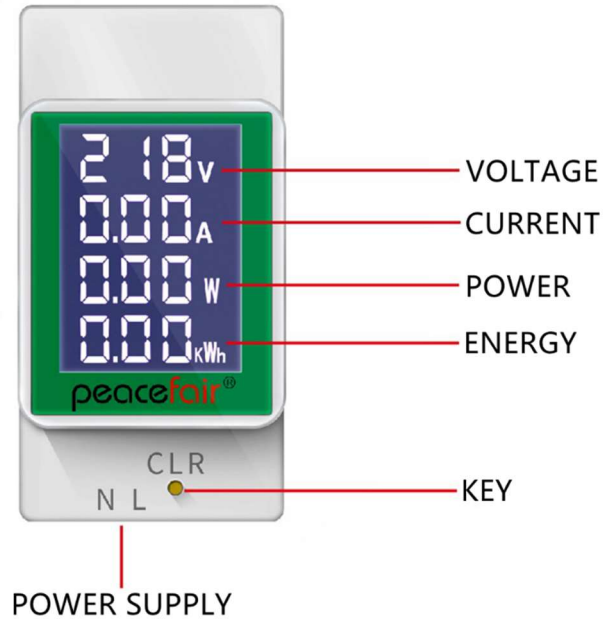


Figure 1 Display Diagram

II. Display Instruction

1. Voltage

Measurement range: AC50~300V

Starting test voltage: 50V

Accuracy: $\pm 1\%$

2. Current

Measurement range: 0~100A

Display format: <10A display such as: 9.99A

<100A display such as: 99.9A

Starting test current:0.02A

Accuracy: $\pm 1\%$

3. Active Power

Measurement range: 0~30kW

Display format:<10W display such as: 9.99W

<100W display such as: 99.9W

<1000W display such as: 999W

<10000W display such as: 9.99kW

≥ 10000 W display such as: 30.0kW

Starting test power:0.5W

Accuracy: $\pm 1\%$

4. Energy

Measurement range: 0~1999kWh

Display format: <10kWh display such as: 9.99kWh

<100kWh display such as: 99.9kWh

<1000kWh display such as: 999kWh

<10000kWh display such as: 1999kWh

Over the test range will maintain the data, otherwise you reset it.

Accuracy: $\pm 1\%$

C. Other Function

1. Backlight control

The backlight can be turned on or off by short press the key

2. Reset energy

Long press the key over 3 seconds until the energy data flash, then release the key, short press the key again to reset the energy, otherwise after 3 seconds it will stop flashing and the energy will not be reset. (See figure 1)

3. Data Storage

When the power off, the energy data and backlight status can be saved.

D. Wiring Diagram

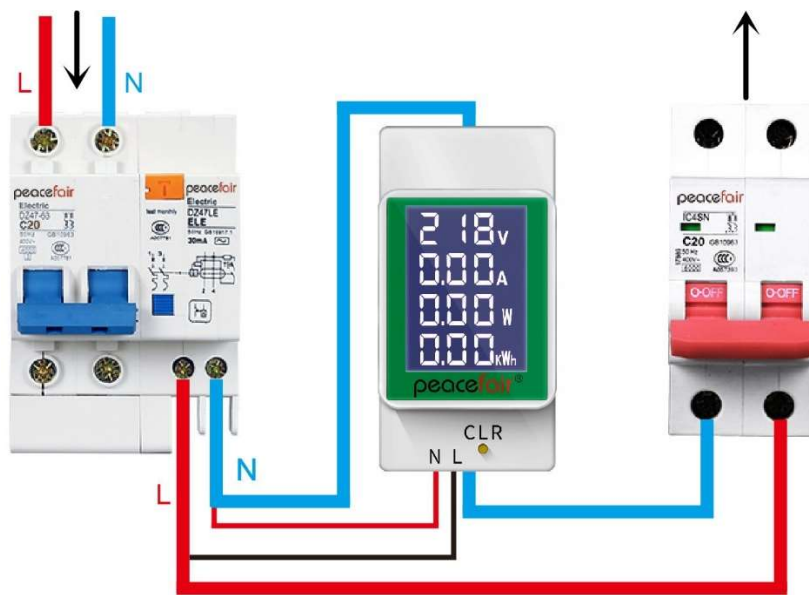


Figure 2 Wiring Diagram(Up in and down out / no need to distinguish N or L)

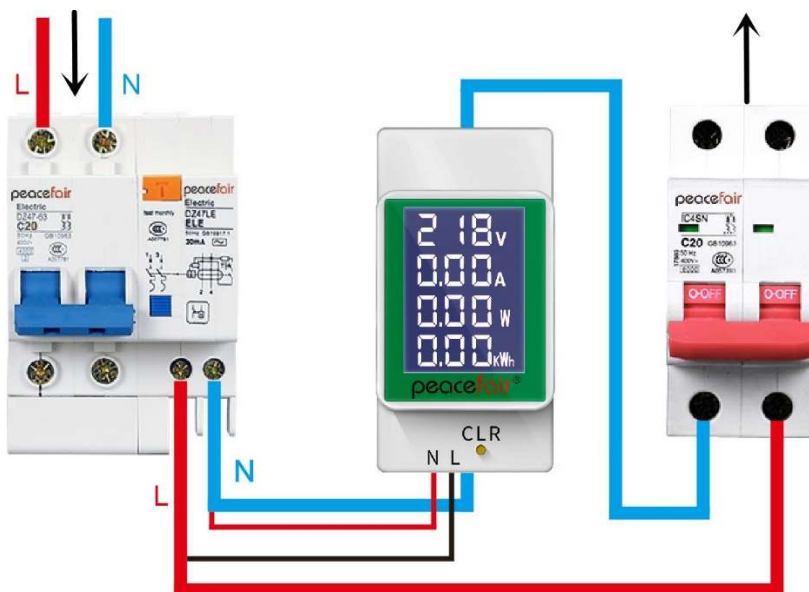


Figure 3 Wiring Diagram(down in and up out / no need to distinguish N or L)

E. Dimension Diagram (mm)

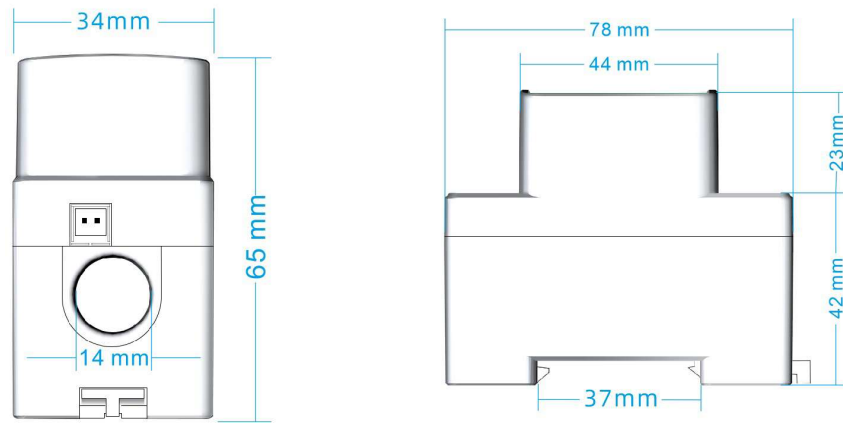


Figure 4 Boundary Dimension

F. Attention

1. This product is suitable for indoor use.
2. This product is suitable for AC.
3. The measurement voltage and ampere shall not exceed the calibration range.
4. Make sure the wiring is correct.