

AC Din Rail Meter

PRODUCT MODEL: PZEM-008

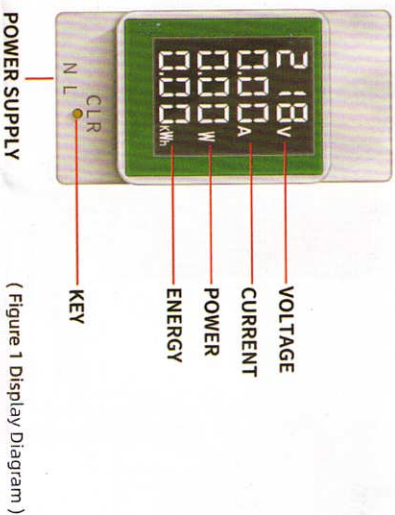
A. Function

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
Starting test current: 0.02A
Accuracy: $\pm 1\%$

Display format:

< 10Adisplay such as: 9.99A

< 100Adisplay such as: 99.9A

3.Active Power

Measurement range: 0 ~ 30kW
Display format: < 10Wdisplay such as: 9.99W
< 100Wdisplay such as: 99.9W
< 1000Wdisplay such as: 999W
< 10000Wdisplay such as: 9.99kW
≥ 10000W 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.Dimension Diagram (mm)

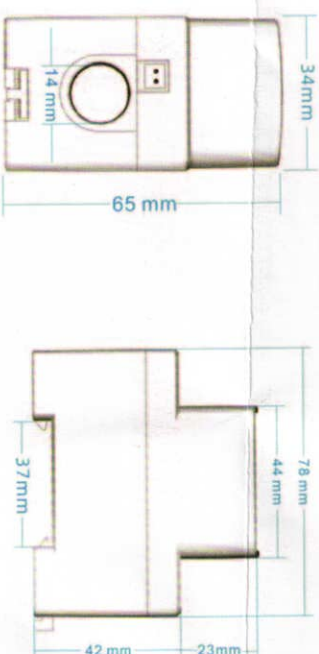


Figure 2 Boundary Dimension

E. Wiring Diagram

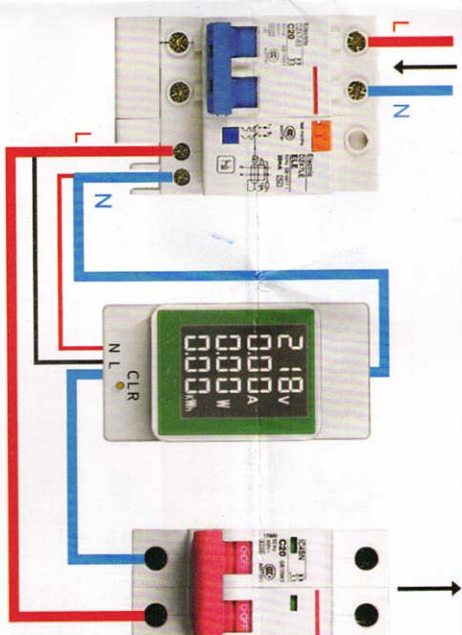


Figure 3 Wiring Diagram(Up in and down out / no need to distinguish N or L)

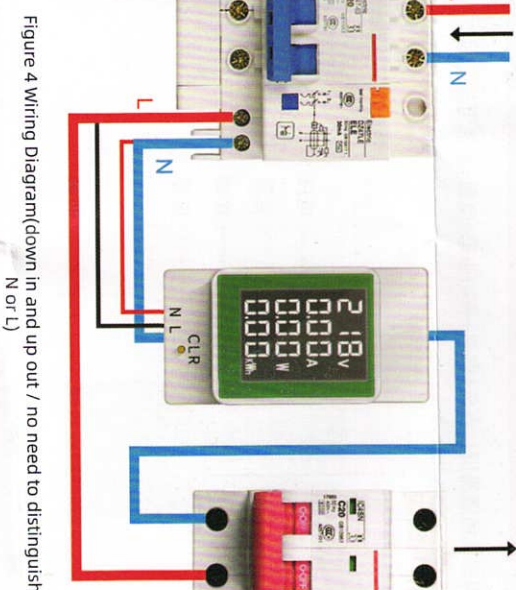


Figure 4 Wiring Diagram(down in and up out / no need to distinguish N or L)

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.