N52-2066 DIN-Rail Multi-Function Digitial Meter

N52-2066 DIN-rail multi-function Digital meter can measure AC voltage, AC current, active power, power factor, frequence and electric energy and the same time. The meter have a colorful, full-view, high definition LCD todisplay the measure parameters.

Technical Indicators

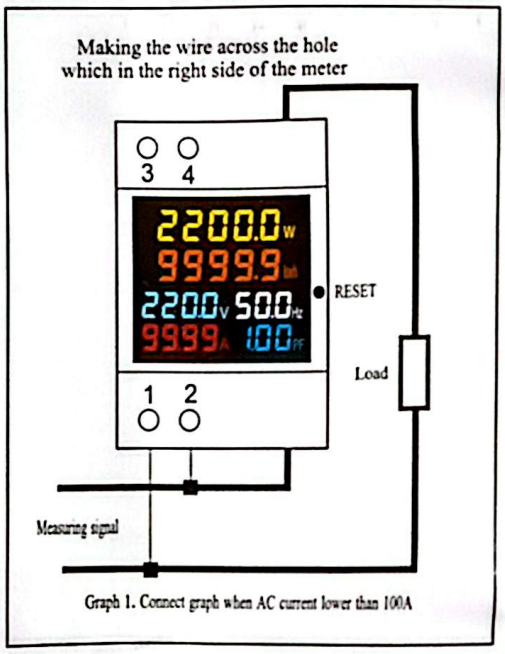
1.Accuracy: 1%±2 words

2. Range: AC voltage: AC 40.0-300.0V or AC 200.0-450.0V (You should select one type of the meter in your order)
AC Current:AC 0-100.0A, the current resolution is 0.01A .
Frequence: 45.0Hz – 65.0Hz
Power Factor: 0.00-1.00PF
Electric Power: 0-450000W, the electric power resolution is 0.1W when measure electric power between 0-9999.9W, otherwise the electric power resolution is 1W.
Electric Energy: 0-99999kwh, the display of electric energy resolution is 0.01kwh when measure electric engery between 0-999.99kwh, the display of electric energy resolution is 0.1kwh when measure electric engery between 1000.0-9999.9kwh and the display of electric energy resolution is 1kwh when measure electric engery larger than 9999.9kwh

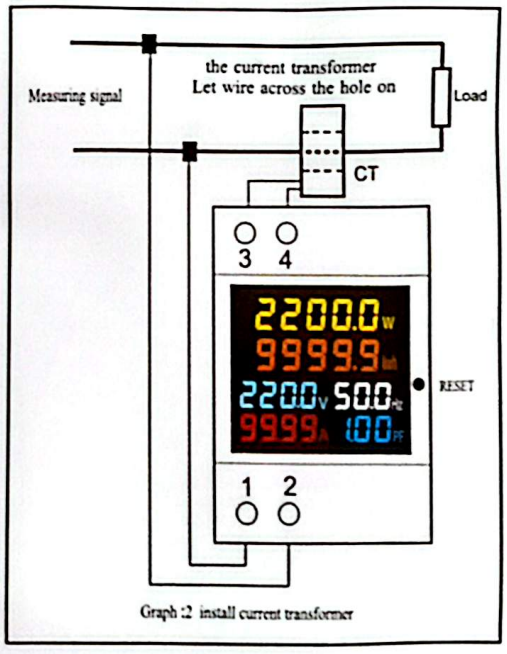
3. Speed: 2 times per second
4. Size: 54×80×64
5. Installation: Din-Rail

Application Method

1. Connect the measure voltage to the 1 and 2 terminal
2. Connections of meter with internal current transformer as graph 1. Make the wire through the hole in the meter and the direction chose arbitrarily.
3. Connections of meter with external current transformer as graph 2. Make the wire through the hole in the meter, and connect the two wires of the secondary transformer to the 3 and 4 terminal.
4. When power on, the meter display the measure parameters.
5. When power on, you can press the button of SAM CK last for 5 seconds, then the electric energy will to be zero and start to cumulate when release the button. And when power off, the meter can save the value of electric energy and go on cumulating data when the meter power-on next.



Graph 1. Connect graph when AC current lower than 100A



Graph :2 install current transformer

Attention

The meter can only use for measure 45-65Hz AC city electricity.