

D48-2058 Multi-Function Digital Meter

User Guide

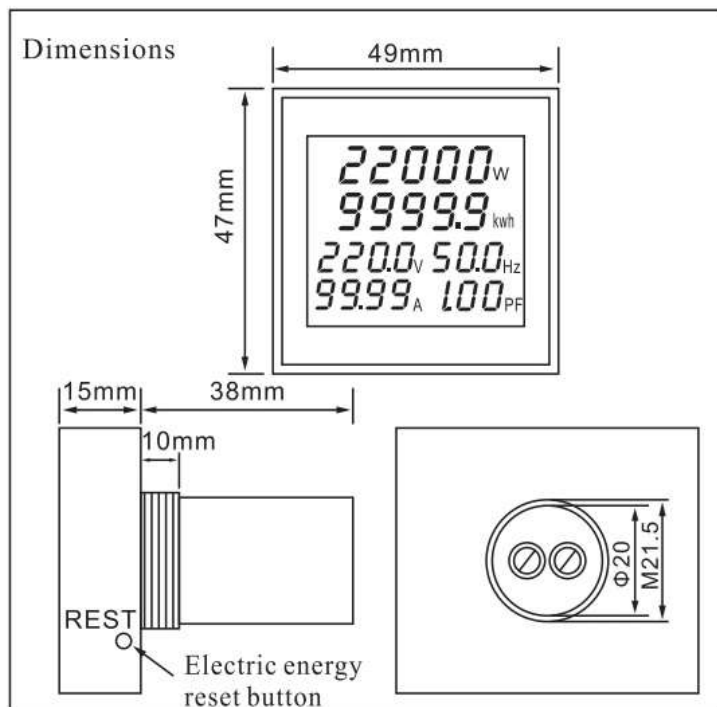
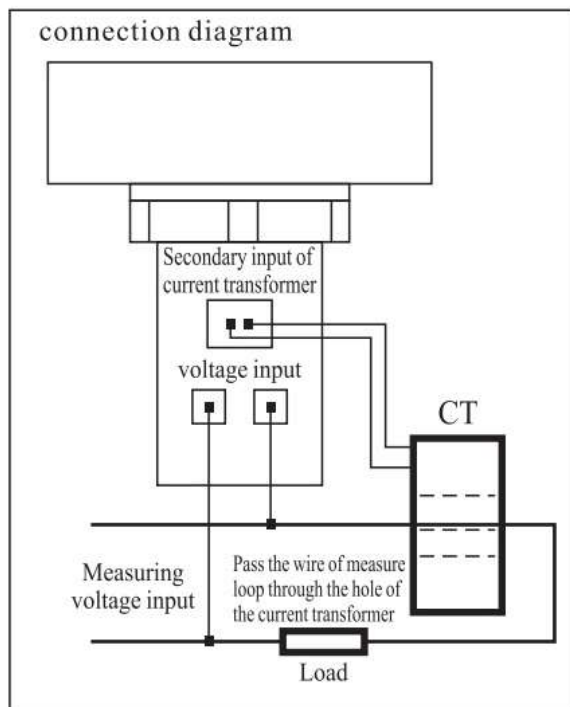
D48-2058 multi-function digital meter can measure AC voltage, AC current, power factor, active power, electric energy and power frequency. The meter display part adopts the color high-definition LCD screen

Technical Indicators

1. Accuracy: 1%+2 words
2. Range: AC voltage: AC50.0-300.0V/AC250.0-450.0V (You should select the one type of meter in your order)
AC current: AC 0-100.0A (the accuracy is 0.01A when measure signal lower than 100A, when measure signal higher than 100A, the meter will show 100.0A)
Power frequency: 45.00-65.00Hz
Power factor: 0.00 - 1.00PF
Active power: 0-45000W (The display accuracy is 0.1W when the active power between 0 and 9999.9W, otherwise the accuracy is 1W)
Electric energy: 0-99999kwh (The display accuracy is 0.01kwh when the electric energy between 0-999.99kwh, 0.1kwh when the electric energy between 10000.0-9999.9kwh, 0.01kwh when the electric energy between 100000-99999kwh)
3. Speed: 2 times per second
4. Size: 49×47×52
5. Hole: diameter $\Phi 22\text{mm}$
6. Autosave: When the meter power is off, the current electric energy value will be automatically saved. the meter will read the value after the next power on and going to keep adding to the saved value. number.

Application Method

1. According to the wiring diagram, connect the plug two-wire of the current transformer to transformer the input on meter, make the current return conductor across the hold which in the middle of the current transformer.
2. Connect the voltage measurement to the voltage input terminal of the meter. Then turn on and measure the voltage to start to read the measure result
3. The electric energy reset button is on the right-bottom of the meter. you can press the button with a needle last for 4. second, then the electric energy will be reset.



Attention

The meter with measure range between 250-450V can only use to measure 50Hz AC city electricity, it will be destroyed when use to measure square wave, output of inverter and correction sine wave. The meter with measure range between 50-300 not affected.