

D52-2066 DIN-Rail Multi-Function Digital Meter

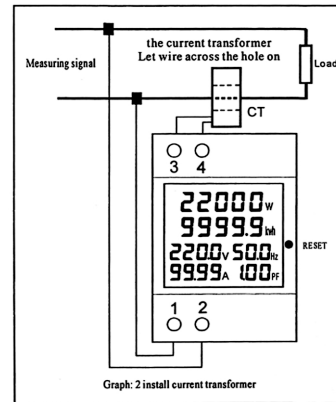
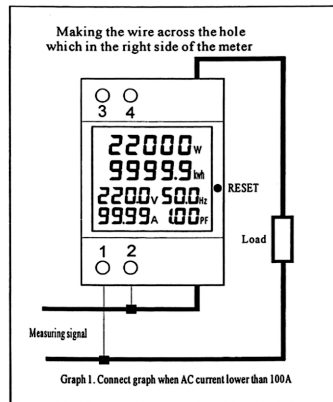
D52-2066 Multi-function Digital Meter can measure AC voltage, AC current, active power, power factor frequency and electric energy at the same time. The meter have a colorful, full-view, high definition LCD to display the measure parameters.

Technical Indicators

- 1.Accuracy: 1% $\pm$ 2 words
2. Range: AC voltage: AC 40.0-300.0V or AC 250.0-450.0V (You should select one type of the meter in your order)
AC Current: AC 0-100.0A,the current resolution is 0.01A
Frequency: 45.0Hz-65.0Hz
Power Factor: 0.00-1.00PF
Electric Power: when voltage AC40-300V, the measuring range of real power is 0-30000W ; and when voltage AC250-450V, the measuring range of real power is 0-45000W, The resolution of real power is 0.1 W when the measure range between 0 and 9999.9W, and when real power more than 9999.9W, the 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:54x80x64
- 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 **RESET** 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.



Attention

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

D52-2066型导轨式数显多功能测量仪表

使用说明书

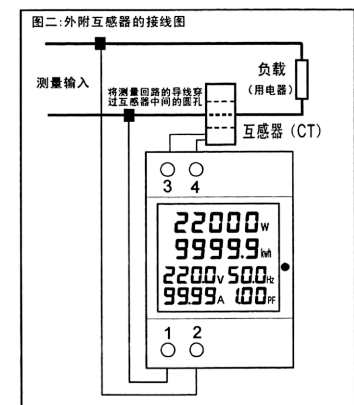
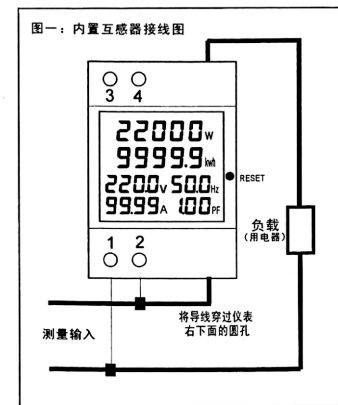
D52-2066型导轨式数显多功能表是在仪表上同时示交流电压、交流电流、有功功率、功率因数、频率以及电能等6个参数。仪表显示部分采用彩色全视角高清液晶显示屏。

主要技术指标

- 1.测量精度: 1% $\pm$ 2个字
- 2.测量范围: 交流电压:AC40.0-300.0V,(或AC250.0-450.0V), 用户在订货时根据需要选择一种合适的量程)
交流电流:AC0-100.0A, 电流显示分辨率为0.01A
工频频率:45.0Hz-65.0Hz
功率因数:0.00-1.00PF
有功功率:当电压测量范围:U=40V-300V时,有功功率的测量范围是0-30000W
当电压测量范围:U=250V-450V时,有功功率的测量范围是0-45000W
在0-9999.9W之间的显示分辨率为0.1W, 大于9999.9W时显示分辨率为1W
电 能:测量范围是0-99999kwh, 0-999.99kwh最小显示分辨率为0.01kwh
1000.0-9999.9kwh最小显示分辨率为0.1kwhwh,
10000-99999kwh最小分辨率为1kwhwh
- 3.测量速度: 约每秒2次
- 4.外型尺寸: 54x80x64
- 5.按装方式: 导轨式

使用和接线方法

1. 将被测量的电压接入仪表的左下方的1和2接线端子上。
2. 内置互感器按图一接线图接线, 将测量回路的导线穿过仪表的下方的圆孔, 导线的穿入方向用户根据使用的情况任意选择, 可以从仪表的下面圆孔穿入上面出来, 或从仪表上面圆孔穿入下面出来, 穿入方向不一样不会影响测量结果。
3. 外置互感器按图二接线图接线, 将随仪表的精密电流互感器的二次端2根导线分别接到仪表左上方的3和4接线端子上, 将测量回路的导线穿过互感器的圆孔。
4. 接通电源后仪表显示的测量参数。
5. 当需要对电能测量复位(从零开始测量时), 按住仪表面板右边按钮(RESET)5秒钟(按住不放停留5秒钟)直到电能显示为0时, 松开按钮这时电能从零开始测量。电能有停电自动保存数据的功能, 也就是当测量电压断开或停电时, 仪表会自动保存当前测试的数据, 当重新接上测量电源时仪表会在原来保存的数据上继续累加。



注 意 本仪表测量电压范围250-450V量程的只适用于纯交流45-65Hz的市电电源, 测量范围40-300V不受限制

本仪表的设计已获国家专利, 专利号:201430231062.4, 任何企业, 个人仿造, 装追究法律责任, 并且赔偿所造成的损失