

DDS238 (E1203)

single phase static kWh meter



E1203

The meter is designed to measure single phase two wire AC active energy. It adopt LSI and SMT technology, the key component are long life international brand product. It is a long life meter with the advantage of high stability, high over load capability, low power loss and compact size.

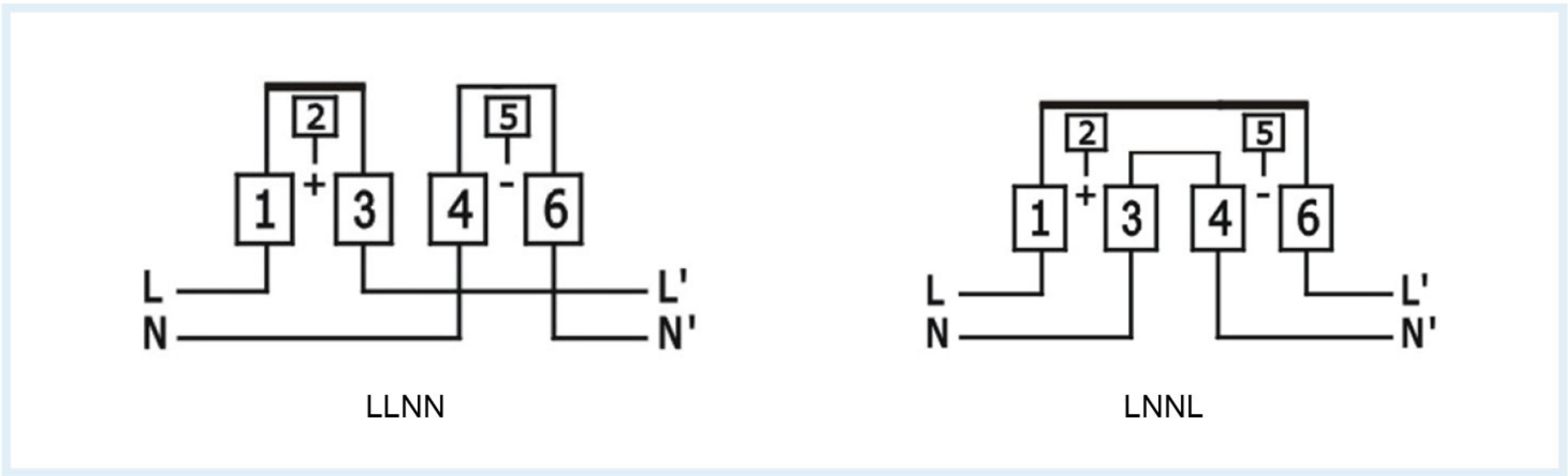
Basic Function

- LCD display 5+2 or 6+1
- Bi-directional total active energy measurement, reverse active energy measure in the total active energy
- Pulse LED indicates working of meter, Pulse output with optical coupling isolation
- Reverse LED indicates the reverse current direction or wire reverse connect
- Energy data can store in memory chip more than 15 years after power off

Technical Data

Rate voltage AC	110V,120V,220V,230,240V (0.8~1.2Un)		
Rate Current / Frequency	5(60)A, 10(100)A / 50Hz or 60Hz $\pm 10\%$		
Connection mode	Direct type	Accuracy class	1% or 0.5%
Power consumption	<1W/10VA	Start current	0.004Ib
AC voltage withstand	4000V/25mA for 60s	Over current withstand	30Imax for 0.01s
IP grade	IP54	Executive standard	IEC62053-21 IEC62052-11
Work temperature	-30℃ ~70℃	Pulse output	Passive pulse, 80 \pm 5 ms

Wire connection



Outline dimension

