

DSS238(E3302)

two phase three wire static kWh meter

HIKING
Smart meter for IoT

The meter is used in two phase three wire power grid. The meter is designed to measure AC active energy, mainly export to south America market. It is a long life meter with the advantage of high stability, high over load capability, low power loss.

Basic Function

- Mechanical step register 5+1(default), 6+1, 5+2, 5 digit no decimal, 6 digit no decimal L
- Bi-directional total active energy measurement, reverse active energy measure in the total active energy
- Two phase power supply, the meter also measure when loss one phase(any one wire in two phase three wire)
- Loss phase LED indicates working of phase
- Pulse LED indicates working of meter, Pulse output with optical coupling isolation

Optional Function

- Reverse LED indicates the reverse current direction or wire reverse connect
- Meter cover ultrasonic welding seal

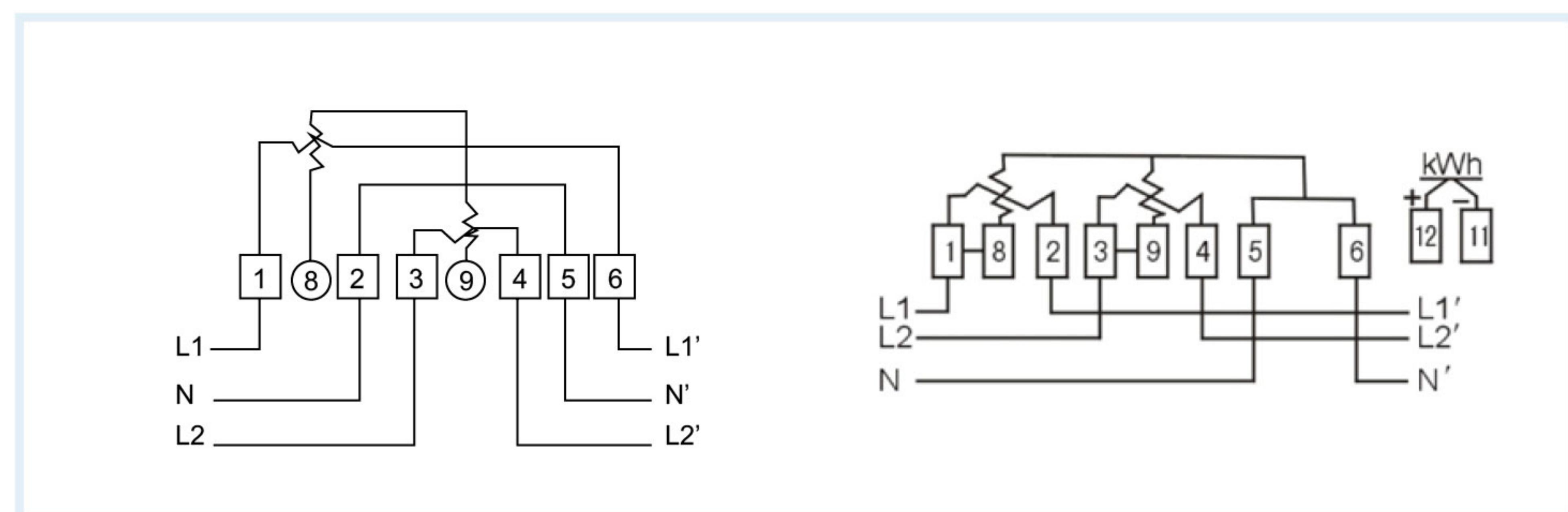


E3302

Technical Data

Rate voltage AC	2x120/208V , 2x127/220V (0.8 ~ 1.2Un)		
Rate Current / Frequency	5(60)A, 10(100)A , 5(100)A / 50Hz or 60Hz ± 10%		
Connection mode	Direct type	Accuracy class	1% or 0.5%
Power consumption	<0.5W/8VA each phase	Start current	0.004lb
AC voltage withstand	4000V/25mA for60s	Over current withstand	30Imax for 0.01s
IP grade	IP51 or IP54	Executive standard	IEC62053-21 IEC62052-11
Work temperature	-30 °C ~ 70 °C	Pulse output	Passive pulse, 80 ± 5 ms

Three phase three wire (also called two phase three wire) Wire connection



Outline dimension

