

KWH METER 100A 3P

Application



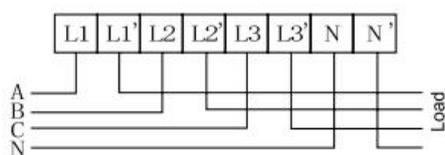
The meter is used in three phase four wire /three phase three wire /two phase three wire power grid. The meter is designed to measure AC active energy. All of its functions comply with the relative technical requirement for class 1 three phase watt hour meter in IEC62053-21. It is a long life meter with the advantage of high stability , high over load capability , low power loss and small volume.

Technical Data

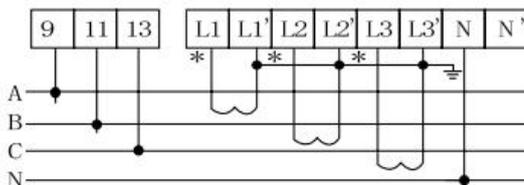
Rated Voltage	three phase four wire 3x120/208V, 3x220/400V, three phase three wire(two phase three wire) 2x120/208V, 2x127/220, 3x220V,
Working voltage range	0.8~1.2Un
Rate Current	5A/CT, 1.5(6)A, 5(60)A, 10(100)A, or other as required
Frequency	AC50~60Hz
Connection Mode	CT type or Direct type
Power consumption	<0.5W/5VA each phase
Start current	0.004Ib
Constant	400~6400 imp/kWh
Pulse output	Passive pulse, pulse width is 80±5 ms
Work temperature	-30°C~+70°C
AC voltage withstand	4000V/25mA for 60 sec
Accuracy class	1.0
Display	Mechanical step register or LED
Warm up time	10S

Wire Connection

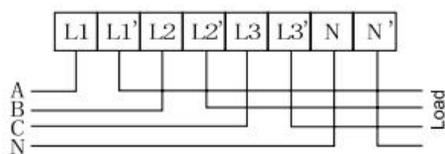
(1) three phase four wire direct connection



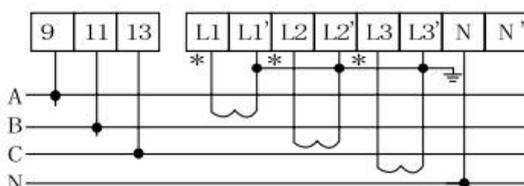
(2) three phase four wire through current transformer connection



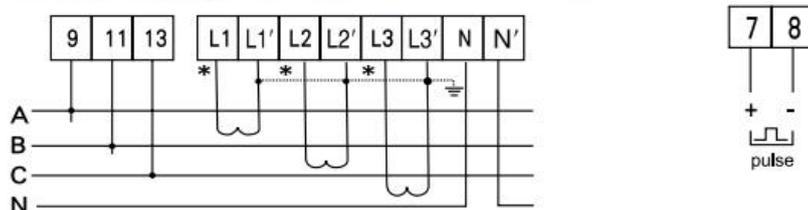
(3) three phase three wire direct connection



(4) two phase three wire direct connection



(5) three phase three wire through current transformer connection



Outline Dimension

