

DT(S)S238(E3402)

three phase active and reactive kWh meter



E3402-1



E3402-2

The meter is used in three phase four wire or two phase thee 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.

Basic Function

- LCD display 6+2 kWh and kvarh step by step
- Bi-directional total active / reactive energy measurement, reverse active / reactive energy measure in the total active energy
- Three phase power supply, the meter also measure when loss one phase(any one wire in three phase three wire) or when loss two phase(any two in three phase four wire)
- Loss phase LED indicates working of phase
- Pulse LED indicates working of meter, Pulse output with optical coupling isolation
- Two type of cases(protective-class I and II) are available

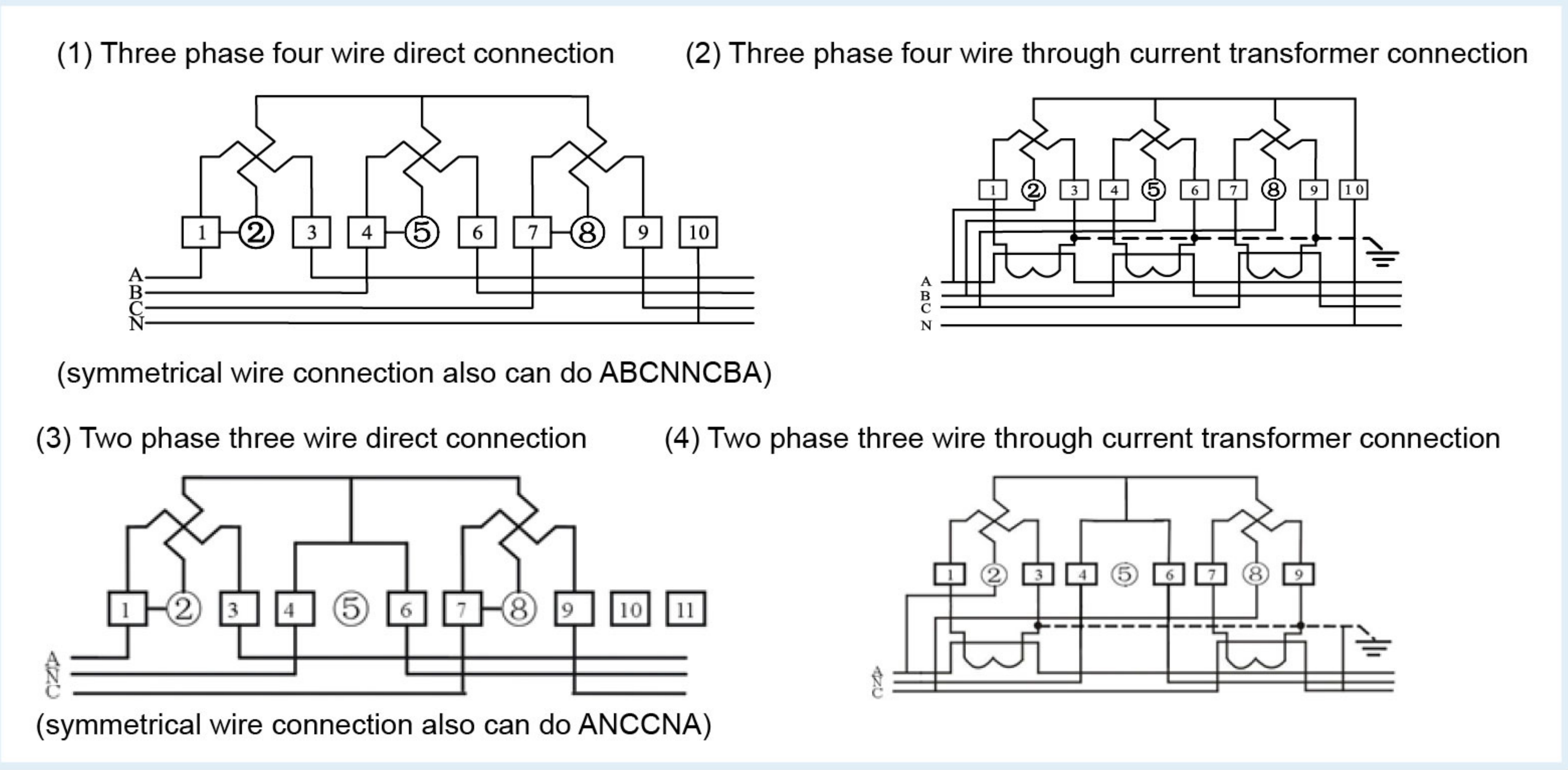
Optional Function

- Internal connection between the voltage circuit hook and current circuit hook in order to anti-tamer
- Battery for display when power off
- Supper capacity for display last 48 hours when power off
- Ultrasonic weld sealing between meter cover and meter base, not used screw

Technical Data

Rate voltage	DTS238 three phase four wire 3x127/220V, 3x120/208V, 3x220/380V, 3x230/400V, 3x240/415V DSS238 two phase three wire 2x120/208V, 2x127/220, 3x220V, 3x380V, 3x400V
Working voltage range	0.8~1.2Un
Rate Current	5A/CT, 1.5(6)A, 10(40)A, 5(60)A, 10(100)A, 5(100)A, or other as required
Frequency	50Hz or 60Hz
Connection mode	CT type or Direct type
Display	LCD
Accuracy class	Active class 1.0 Reactive class 2.0
Power consumption	<0.5W/8VA each phase
Start current	0.004Ib
AC voltage withstand	4000V/25mA for 60 sec
Impulse Voltage	6kV 1.2 μ s waveform
IP grade	IP51 or IP54
Constant	400~6400 imp/kWh and imp/kvarh
Pulse output	Passive pulse, pulse width is 80 ± 5 ms
Executive standard	IEC62053-21, IEC62052-11
Work temperature	-30℃ ~70℃
Plastic case	Anti-fire and ultraviolet rays PC raw material
Outline dimension LXMXH	215x145x69mm (short terminal cover L1) 260x145x69mm (long terminal cover L2)

Wire connection



Outline dimension

