

DDS238(E1210)

single phase ANSI round socket type kWh meter



E1210-1



E1210-2

The meter is designed for measuring active energy consumption in single phase two wire or single phase three wire power grid. It adopt LSI and SMT technology, the key component are long life international brand product. All of its functions comply with the relative technical requirement for class 1 single phase watt hour meter in IEC62053-21 and ANSI. It is a long life meter with the advantage of high stability, high over load capability, low power loss and compact size.

Basic Function

- Large LCD display 5 digit no decimal 99999 kWh or 5 digit +1 decimal 99999.9 kWh
- 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
- Low starting watts captures energy consumption at levels typically not registered by electromechanical meters
- 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
- Case protective-class II

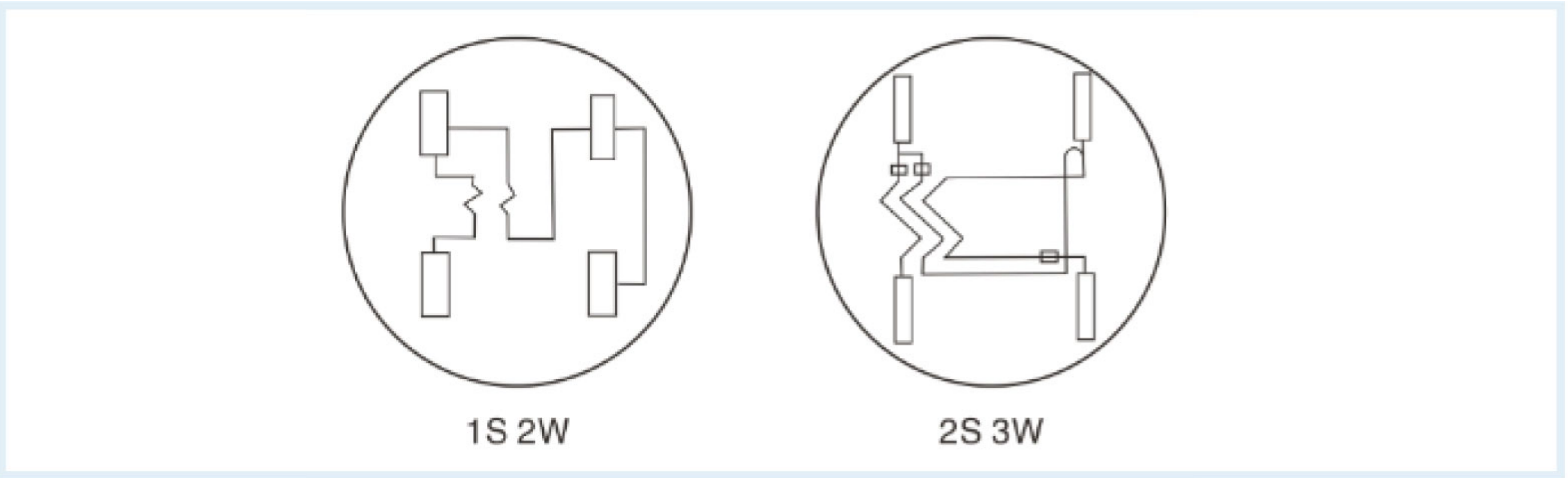
Optional Function

- Battery for display when power off
- Real current A, real voltage V, the max demand
- Infrared port type prepayment function, English prepayment software

Technical Data

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|-----------------------|--|
| Rate voltage | 120V, 240V (FM1S) or 120/240V, 110/220V (FM2S) |
| Working voltage range | 0.8~1.2Un |
| Rate Current FM1S | 10(60)A, 15(100)A, 30(200)A , CL100 CL200 |
| Rate Current FM2S | 15(100)A, 30(200)A , CL100 CL200 |
| Frequency | 60Hz |
| Connection mode | Direct type |
| Display | LCD |
| Accuracy class | 1.0 or 0.5 |
| Power consumption | <2W/10VA |
| Start current | 0.004Ib |
| AC voltage withstand | 4000V/25mA for 60 sec |
| Impulse Voltage | 6kV 1.2 μ s waveform |
| IP grade | IP54 |
| Constant | 800~1600 imp/kWh |
| Pulse output | Passive pulse, pulse width is 80 ± 5 ms |
| Executive standard | IEC62053-21, ANSI |
| Work temperature | -30℃ ~70℃ |
| Plastic case | Anti-fire and ultraviolet rays PC raw material |
| Export country | Philippines and south American |

Wire connection



Outline dimension

