

DDS238 single phase static watt hour meter (E1215)



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. All of its functions comply with the relative technical requirement for class 1 single 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 compact size.

Basic Function

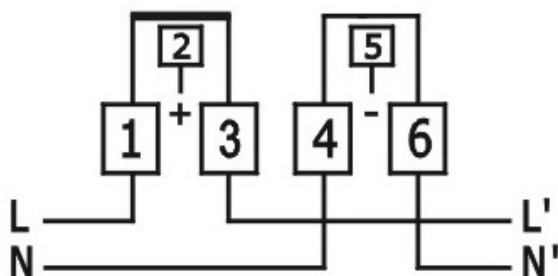
- ★LCD display 5+2(default), 6+1
- ★Bi-directional total active energy measurement, reverse active energy measure in the total active energy
- ★Pulse LED indicates working of meter, Pulse output with optical coupling isolation
- ★Reverse LED indicates the reverse current direction or wire reverse connect
- ★Anti-tamper construction case design, it can not open even the seal screw loss
- ★Two type of cases(protective-class I and II) are available

DDS238 single phase static watt hour meter (E1215)

Technical Data

| | |
|-------------------------|---|
| Rate voltage | 110V,120V,220V,230,240V |
| Working voltage range | 0.8~1.2Un |
| Rate Current | 5(60)A, 10(100)A, or special required |
| Frequency | 50Hz or 60Hz |
| Connection mode | Direct type |
| Display | LCD |
| Accuracy class | 1.0 |
| Power consumption | <1W/10VA |
| 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 | 800~6400 imp/kWh |
| Pulse output | Passive pulse, pulse width is 80 \pm 5 ms |
| Executive standard | IEC61036, IEC62053-21, IEC62052-11 |
| Work temperature | -30 $^{\circ}$ C~70 $^{\circ}$ C |
| Outline dimension LXMxH | 145x105x50.5mm (short terminal cover L1) 175x105x50.5mm (Long terminal cover L2) |
| Weight | Approx 0.4kg |

Wire connection



Outline dimension

