

DDS226-1 Single Phase Electronic Meter



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General

The meter is designed to measure single phase two wire AC active energy. It adopts LSI and SMT technology, the key components are long life international brand products. 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.

Function

1. Mechanical step register 5+1(default), anti-reverse protection or LCD display 6+1 or 5+2;
2. Bi-directional total active energy measurement, total active energy reverse active energy measurement;
3. Pulse LED indicates working of meter, Pulse output with optical coupling isolation;
4. Reverse LED indicates the reverse current direction or wire reverse connect;
5. Two type of cases (protective-class I and II) are available.

Technical data

| Technical Index | Specification |
|----------------------------|--|
| Rated voltage | 110V,120V,220V,230,240V |
| Working voltage range | 0.8~1.2Un |
| Rated current | 1.5(6)A,10(40)A,5(60)A,10(100)A, or special required |
| Frequency | 50Hz or 60Hz |
| Connection mode | CT type or Direct type |
| Display | mechanical step register or LCD |
| Accuracy class | 1.0 |
| Power consumption | <1W/10VA |
| Start current | 0.004Ib |
| AC voltage withstand | 4000V/25mA for 60 sec |
| Impulse voltage | 6kV 1.2μs waveform |
| IP grade | IP51 or IP54 |
| Constant | 800 ~ 6400 imp/kWh |
| Pulse output | Passive pulse, pulse width is 80+5 ms |
| Executive standard | IEC61036, IEC62053-21, IEC62052-11 |
| Work temperature | -30°C~70°C |
| Outline dimension L×M×H | 149.5×105×48mm |
| Weight | Approx 0.4kg |

Overall and mounting dimensions(mm)

