

DTS726D-7P M Din-rail Three-phase Meter



DTS726D-7P M Three-phase Din-rail Mount Multi-function Energy Meter

General

The meter is used in three phase four wire power grid. The meter is designed to measure AC active energy and variable parameter. All of its functions comply with the relative technical requirement for class 1 three phase watt hour meter in IEC61036 and its data communication rules obey the requirement of DL/T645 or MODBUS-RTU. It is a long life meter with the advantage of high stability , high over load capability , low power loss and small volume.

Basic Function

- 1. LCD display with backlight;
- 2. Bi-directional total active energy measurement, reverse active/ energy measure in the total active/reactive energy;
- 3. The meter also display real voltage, real current, real power, real power factor, real frequency, import active energy, export active energy;
- 4. Keypad for LCD display step by step;
- 5. Pulse LED indicates working of meter, Pulse output with optical coupling isolation;
- 6. Loss phase indication in LCD;
- 7. Energy data can store in memory chip more than 15 years after power off;
- 8. RS485 communication port, MODBUS-RTU protocol;
- 9. 35mm din rail installation.

Specifications

Technical Index	Specification
Rate voltage	DTS726D-7P M three phase four wire 3×127/220V, 3×120/208V, 3×220/380V, 3×230/400V, 3×240/415V
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	50Hz or 60Hz
Connection mode	CT type or Direct type
Display	LCD
Accuracy class	1.0
Power consumption	<2W/10VA /each phase
Start current	0.004Ib
Impulse Voltage	6kV 1.2μs waveform
Over current withstand	30I _{max} for 0.01s
IP grade	IP20
Constant	400~6400 imp/kWh
Pulse output	Passive pulse, pulse width is 80+5 ms
Communication port	RS485 port, baud rate 1200~9600 bps, default is 9600bps, address 1~247, None parity, stop bits 1, data bits 8.
Executive standard	DIN 43880, IEC62053-21, IEC62052-11,MODBUS-RTU
Work temperature	-30°C~70°C
Outline dimension L×M×H	125×88×73mm
Weight	Approx 0.7kg

