

DTS833C

DIN Rail Three Phase Electroic Energy Meter



Application

DTS833C Model three phase four wire electronic DIN rail active energy meter is a kind of new style three phase four wire active energy meter, it adopt micro-electronics technique, and imported large scale integrate circuit, use advanced technique of digital and SMT techniques, etc. The meter completely accord with relevant technical requirements of class 1 three phase active energy meter stipulated in international standard IEC 62053-21. It can accurately and directly measure 50Hz or 60Hz active energy consumption from three phase four wire AC electricity net. It can display total energy consumption by step and motor type impulse register. It has following features: Good reliability, small volume, light weight, specious nice appearance, convenient installation, etc.

Functions and features

- 35mm standard DIN rail installation, complying with standard DIN EN50022. Or front board setting (mounting holes center distance 63 mm), users can choose any one by themselves.
- Ten pole width (Modulus 12.5mm), complying with standard JB/T7121-1993. 6 digits display (999999kWh) by step and motor type impulse counter.
- Standard configuration one port of pulse output passive (polarity), May select increase a distant port of pulse output passive (no polarity), And contact with all kind of AMR system conveniently, complying with standard IEC 62053-31 and DIN 43864.
- Four LED instructions respectively power state and signal power impulse.
- Automatic detect the direction of the trend of load current. And Instructions on individual LED.
- Single direction three components measure three phase four wire active power consumption. It is nothing with direction of the trend of load current. Complying with standard IEC 62053-21.
- May select two components measure three phase three wire active energy or two phase three wire active energy .
- Direct connect to use, type S connection (Inlet from bottom, outlet from top).
- Short terminals cover, it is used to reduce mounting space, and make mounting conveniently.

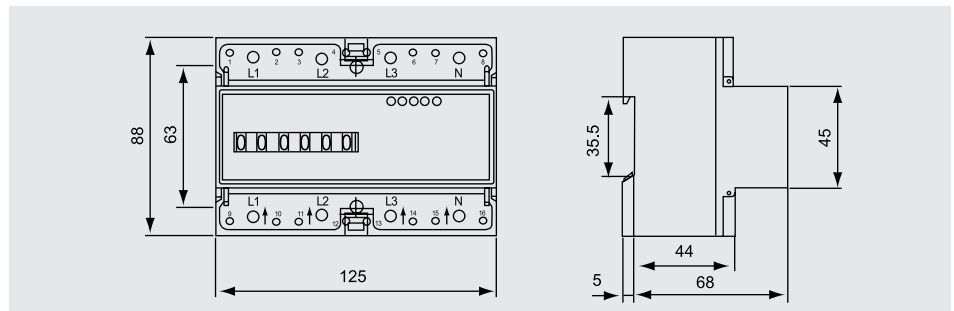


Technical parameters

Model	Accuracy	Reference voltage (V)	Current specifications (A)	Starting current (A)	Insulation performance
DTS833C	Class 1	3 × 127/220 3 × 230/400	5(30) 10(60) 20(100)	0.02 0.04 0.08	AC voltage 4kV for 1 minute, 1.2/50us waveform impulse voltage 6kV

*If you need different reference voltage or current specification, please advisory our sales

Outer and mount dimension



Wiring diagram

