

## DTS833/DSS833

### Three Phase Electronic Energy Meter

#### Application

Model DTS833/DSS833 three phase four wire electronic front board installed 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 is use for setting indoor or out door, 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

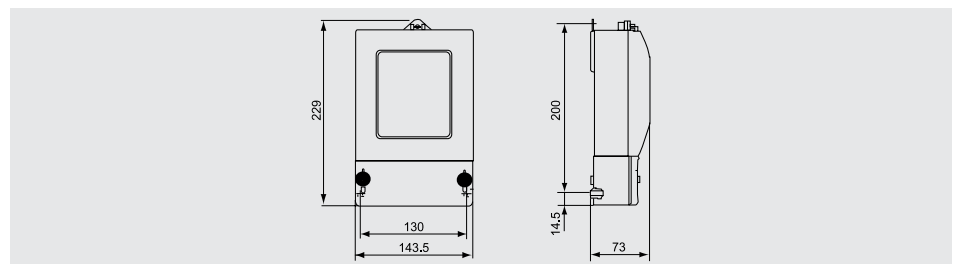
- Front board three fixed holes installation, up and down mounting holes center distance is 198-212 mm, users can choose any one by themselves.
- 6 digits display (999999KWh) by step and motor type impulse register.
- Standard configuration only a polarity port of pulse output passive, may select add a no polarity port of pulse output passive distant (Product Configuration code is DF). 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 of power impulse.
- Standard configuration don detect direction of the trend of load current. May select automatic Detecting the direction of the trend of load current. And Instructions on individual LED. (Please specified when ordering).
- Single direction three components measurement three phase four wire active Power consumption. It is nothing with direction of the trend of load current. Complying with standard IEC 62053-21.
- Standard configuration direct connect and use , type A connection, we can also choose another type of connection, and use 5+1 digits display by impulse counter, CTand PT & CT for operation, it is type B connection.
- Standard configuration extended terminals cover, may select short terminals cover, in order to protect to use electricity safely.

#### Technical parameters

Model	Accuracy	Reference voltage (V)	Current specifications (A)	Starting current (A)	Insulation performance
DTS833	Class 1	3x 127/220	1.5(6) 3(6) 5(20) 10(40) 15(60) 30(100)	0.02 0.04 0.08	AC voltage 4kV for 1 minute, 1.2/50us waveform
DSS833	Class 2	3x 230/400			impulse voltage 6kV

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

#### Outer and mount dimension



#### Wiring diagram

