

DDS833A

Single Phase Electronic DIN-Rail Energy Meter



Application

Model DDS833A single phase electronic DIN rail active energy meter is a kind of new style single phase two 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 single phase active energy meter stipulated in international standard IEC 62053-21. It can accurately and directly measure 50Hz or 60Hz active energy consumption from single phase AC electricity net, it can display total energy consumption by step type impulse register. it has following features: Good reliability, small volume, light weight, specious nice appearance, convenient installation, etc.

Functions and features

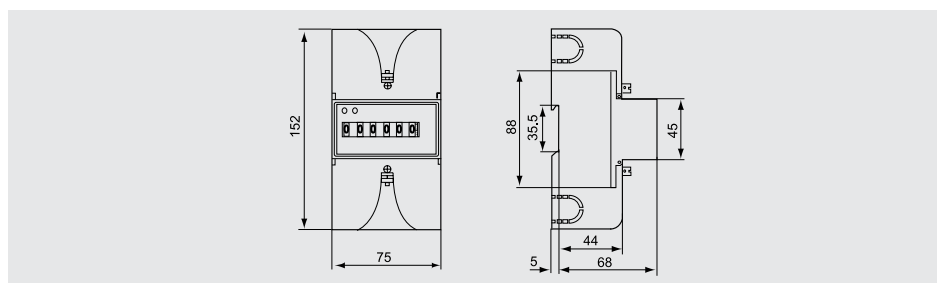
- 35mm standard DIN rail installation, complying with standard DIN EN50022. Or front board setting (mounting holes center distance 63 mm), users can choose any one by themselves.
- Six pole width (Modulus 12.5mm), complying with standard JB/T7121-1993.
- Standard configuration 5+1 digits display (99999.1kWh) by step motor and pulse machinery counter. May select 6+1 digits display.
- 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.
- Bicolor LED instructions power state (green) and signal of power impulse (red).
- 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 (Only red power pulse signal when working, that is meaning the load current reverse).
- Single direction measure single phase two wire active Power consumption. It is nothing with direction of the trend of load current. Complying with standard IEC 62053-21.
- Directly connect and use, there are two types you may select. Standard configuration type S connection, may select type T connection.
- Standard configuration extended terminals cover, in order to protect to use electricity safely, may select short terminals cover.

Technical parameters

Model	Accuracy	Reference voltage (V)	Current specifications (A)	Starting (A)	Insulation performance
DDS833A	Class 1	127 or 230	5(32) 10(50) 20(100)	0.02 0.04 0.08	AC voltage 4kV for 1 minute, 1.2/50us wave form impulse voltage 6kV

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

Outer and mount dimension



Wiring diagram

