

ADM25SC single phase DIN-rail watt-hour meter

1. Application



ADM25SC

Model ADM25SC 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. It has its completely independent intellectual property rights and minimum size. It has already passed the test of the international authority KEMA. 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. This meter has white backlight source eight digits LCD displays shows the active energy consumption, It has following features: good reliability, small volume, light weight, specious nice appearance, convenient installation, etc.

2. Functions and features

- 35mm standard DIN rail installation, complying with standard DIN EN50022.
- Single pole width (Modulus 17.5mm), complying with standard DIN43880.
- Standard configuration 6+1 digits display (9999999.1kWh) by white backlight source LCD. May select 6+1 digits display (999999.1kWh) without backlight source general LCD.
- Standard configuration pulse output passive (polarity), May select distant pulse output passive (nonpolarity). And contact with all kind of AMR system conveniently, complying with standard IEC 62053-31 and DIN 43864.
- Bicolor LED instructions power supply state (green) and signal of energy impulse (red).
- Automatic detection the direction of the flow of load current. And Instructions on LED (Working only red power pulse signal, No green power state instructions direction of the flow of load current reverse).
- Single direction measurement single phase two wire active energy consumption. It is nothing with direction of the flow of load current. Complying with standard IEC 62053-21.
- Directly connect operation, there are two types wiring you may select. Standard configuration type S wiring, may select type U wiring.
- Extension terminals cover, in order to protect to use safety.

3. Technical parameters

Model	Accuracy	Reference voltage(V)	Current specifications (A)	Starting Current	Remark
ADM25SC	Class1	127V 230V 220V	5(32)A	0.4%Id	According to customer's request

4. Outer and mount dimension

