

DTS881, DSS881 series electronic formula three-phase active-energy meter



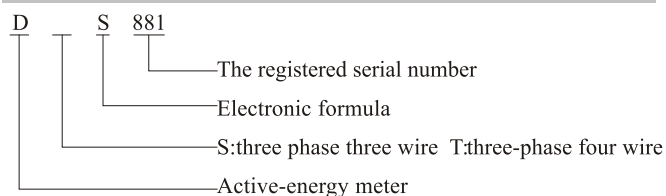
Application

DTS881, DSS881 series electronic formula three-phase-three-wire/four-wire active-energy meter, based on advanced SMT manufacturing technology and massive integrated-circuit, has high reliable and high accuracy. Manufactured under up-to-date management method. It can calculate exactly, three-phase electronic network, forward-backward active-energy.

The main functions are as follows:

1. Bilateral measurement, could measure exactly measure direct-reverse frequency, need not adjust for long time, and to add up the energy for one direction, having the function of burglarproof.
2. Three-phase main power supply electricity, when one phase or two phases cutoff the electricity, the accuracy of measurement is not being influenced.
3. The range of working temperature is wide
4. Output the electric energy pulse signal using the optoelectric isolating technology, light-emitting diode indicates using electricity, having the the function of lacking phase and indicating.

Model and meaning



Main technical parameter

Model	DTS881 DSS881
Standard	Conform to GB/T17215-2002
Compared voltage	$3 \times 100V$ $3 \times 380V$ $3 \times 220/380V$ $3 \times 57.7/100V$
Basic current	$3 \times 1.5(6)A$ $3 \times 5(20)A$ $3 \times 10(40)A$ $3 \times 15(60)A$ $3 \times 20(80)A$ $3 \times 30(100)A$
The grade of accuracy	1.0 grade, 2.0 grade
Pulse constant	Mark according to the nameplate
Power consumption	< 2W and 10VA
The designing life	10 years

Contour and installation dimension

Pulse output

Load

AC contactor

Three-phase and three-wire direct switching type

Three-phase and three-wire transformer switching

Three-phase and four-wire direct switching type

Three-phase and four-wire transformer switching

DDSY881 series electronic single-phase prepayment energy meter



Application

DDSY881 series electronic formula type prepayment energy meter is used in measuring participation ratio frequency 50Hz and single-phase DC active-energy, having the function of prepayment management of buying first and using after the electricity simultaneously, the products are suitable for improving the system of using electricity in our country, realizing the electric energy to commercialize, controlling and adjusting the load of electric network.

To have all function of electronic type single-phase electric energy meter IC card prepayment using electricity, to buy first and use after using, Cutoff the power supply when using up.

The card of purchasing the electricity records the information of using electricity automatically, and it is convenient to manage.

When two grades of capacity of electricity are consumed, it will alarm and remind the user to purchase the electricity in time.

Single-phase and three-phase prepayment active-energy meter use one management system of prepayment to sell the electricity.

When the line of supplying is cut, the data could keep 20 years at least.

Model and meaning

Model	DDSY881
Standard	Conform to GB/T17215-2002, GB/T18460.3-2001
Compared voltage	220V
Basic current	2.5(10)A, 5(20)A, 5(20)A, 10(40)A, 15(60)A
Accuracy grade	1.0 grade, 2.0 grade
Pulse constant	Mark is according to the nameplate
Power consumption	< 2W and 10VA
Designing life	10 years

Contour and installation dimension

Test signal

Photon-coupled isolated output

Phase line

Neutral line

Load

The drawing of contour