

DSS881, DTS881

Series Electronic Three-phase Three-wire and Three-phase Four-wire Active Watt-hour Meters



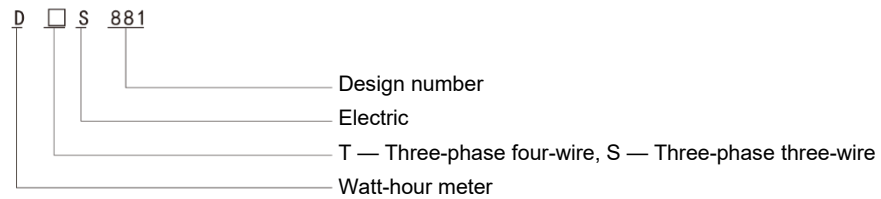
I. Scope of Application

The DSS881 and DTS881 Series Active Watt-hour Meter is electronic Grade 1 active watt-hour meter, which is used to measure three-phase active electric energy in AC circuits with reference frequency of 50 Hz, and meets the technical requirements of GB/T17215 for Grade 1 watt-hour meters, with the characteristics including:

1. Two-way metering can accurately measure the power in the positive and negative directions, without calibration for long-term work, and accumulate the power in one direction, with the function of preventing electricity theft.
2. Three-phase power supply. In the case of power failure of one or two phase(s), the measurement accuracy will not be affected.
3. The optoelectronic isolation technology is used to output electric energy pulse signals, and LED indicates power consumption, which has the function of phase loss indication.

The product complies with GB/T17215.321-2008.

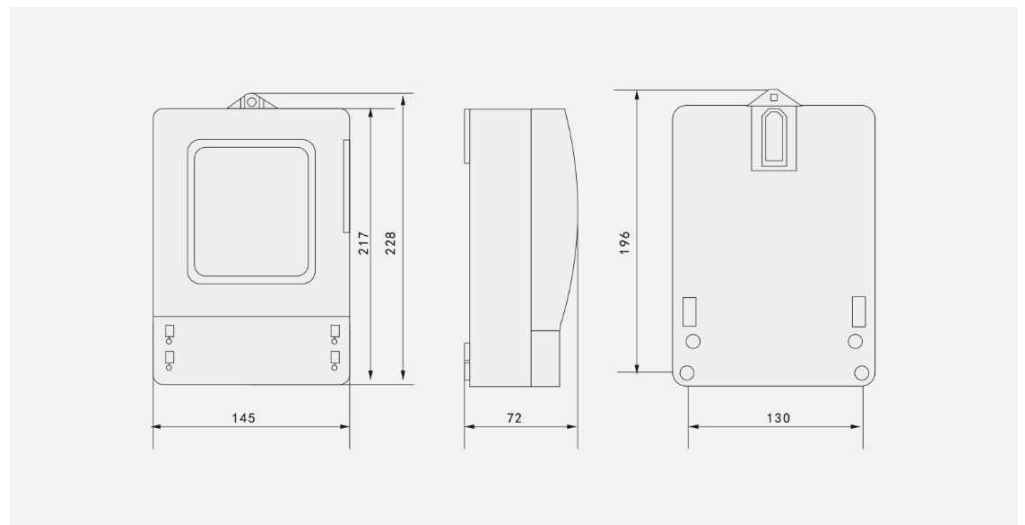
II. Model Description



III. Main Technical Parameters

Reference voltage	3×220/380V 3×57.7/100V
Basic current	3×1.5(6)A 3×3(6)A 3×5(20)A 3×10(40)A 3×15(60)A 3×20(80)A 3×30(100)A
Accuracy grade	Grade 1 Grade 2
Pulse constant	Mark by nameplate
Power consumption	≤ 2 W and 10 VA
Service life designed	10 years

IV. Outline and Installation Dimensions

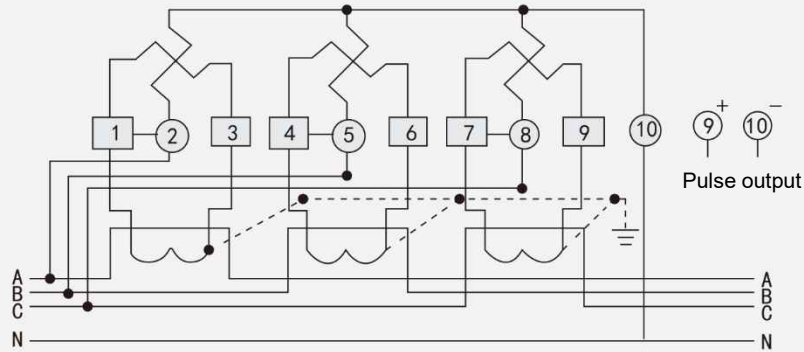


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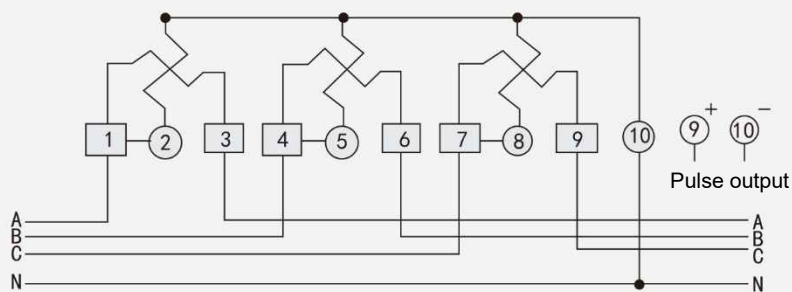
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V. Wiring Diagram

1. Three-phase four-wire transformer access



2. Three-phase four-wire direct access



A Primary power distribution

B Secondary distribution

C Terminal power

D Industrial control and protection

E power device

F Power management

G High voltage components