DDSI666/DTSI666

Single/Three-phase Carrier Electronic Watt-hour

General

DDSI666/DTSI666 single/three-phase carrier electronic watt-hour meter is an intelligent node in CCWZ127-5j Automatic meter reading system. The meter is a measuring instrument developed with a core of Neuron microprocessor, adopting LonWorks Fieldbus technology.

Basic Functions

- Energy display by register or LCD
- Measuring functions
- Powerline carrier functions
- Function of voltage monitor on the terminal of relay
- Pulse output Interface
- Current limit detection function

Optional Functions

- Interval billing functions
- Time proofreading function
- Maximum demand recording functions
- Multi-tariff function
- Event recording function
- Alarm function
- Load profile recording function

Technical Data

- Applicable standard: IEC62053-21, IEC62052-11, IEC62056-31
- Accuracy class: Active class 1.0, reactive class 2.0.
- Environment requirements
  Reference temperature 23℃
  Working temperature range:-25℃ to+55℃
  Limit working temperature range: -40℃ to+70℃
  Store and transportation limit temperature range: -40℃ to+70℃
- Working voltage range: 0.8Un～1.15Un.
- Power loss of single-phase meter
  Current circuit loss:＜2.5VA
  Voltage circuit loss:≤1.5W(5VA)
- Power loss of three-phase meter
  Current circuit loss:＜1VA
  Voltage circuit loss:≤2W(5VA)
- Pulse out width: 80±20ms
- Outline dimension of single-phase meter: L×M×H:170×114×62.5mm
- Outline dimension of three-phase meter: L×M×H:256×166×79mm