

Single-phase electricity meter

The device for indication in metric units (kWh) serves for direct measurement of active power in a single-phase system and registration of consumed electricity with the possibility of remote reading of registers of a group of indicators via a cable network of the RS485 standard. Protocol: Modbus-RTU. A special electronic circuit under the influence of the current and supplied voltage generates pulses in the amount corresponding to the consumed electricity. Power supply in phase is signaled by flashing LED.

Features

- Power supply 230V, 50/60 Hz
- Maximum load 100 A
- Modbus RTU data transmission
- Display fields 5 + 1 = 00000.0 kWh
- Pulse frequency 1 000 imp / kWh
- Measurement accuracy class B
- IP51 protection
- DIN rail, 1 TE

Attention: this meter is not suitable for balance measurement in photovoltaics

