

Electronic single-phase energy meters WSZ12E-32A



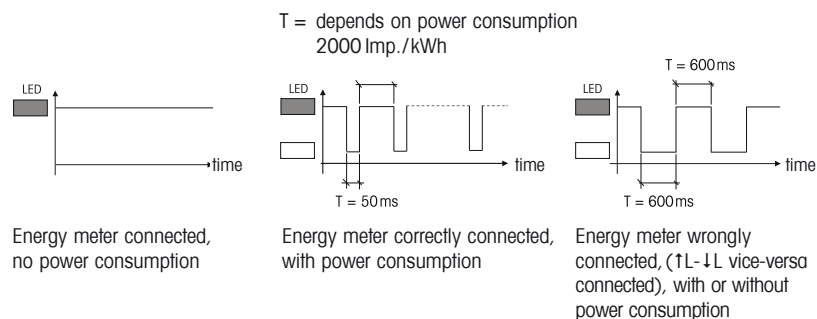
These electronic single-phase energy meters with IP51 for DIN-EN 50 022 rail mounting in distribution boxes are only one modul = 18 mm wide and 58 mm deep. Class B (1%) according to EN 50470-1. With S0 interface.

They measure active energy by means of the current between input and output. The internal power consumption of 0.3 watt active power is neither metered nor indicated.

1 phase conductor with a max. current up to 32A can be connected.

The inrush current is 20 mA. The meter can be read anytime without power supply.

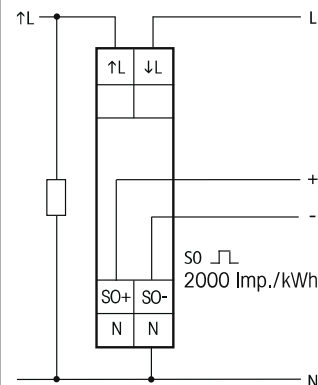
A red LED indicates a power consumption or a possible wrong connection:



Technical Data

Rated voltage	230V, 50Hz, tolerance -20%/+15%
Rated current I _n (I max)	5 (32)A
Internal power consumption	0,3 W active power
Display	Drum type register with 6 digits for kWh and 1 decimal digit
Accuracy Class	B, inaccuracy 1% max.
Inrush current	20mA according to Accuracy Class
Ambient temperature limits	-25/+55°C
Interface	Pulse interface S0 according to DIN EN 62 053-31, potential free by opto-coupler, max. 30V DC/20 mA and min. 5V DC. Impedance 100 ohms, pulse length 50 ms, 2000 Imp/kWh.
Degree of protection	IP50
Maximum conductor cross-section	6 mm ²
Two N terminals	For secure cross wiring of several counters.
EC type examination certificate	CH-MI003-07002-00

Typical connection



Declaration of Conformity CE

Eltako GmbH, D-70736 Fellbach, herewith declares, on their own responsibility that the energy meters:

■ WSZ12E-32A

which this certificate refers to, are in accordance with the following standards:

- EN 50470 parts 1 and 2 (electromechanical meters)
- EN 50470 parts 1 and 3 (electronic meters).
October 2006
- Directive 2004/22/EG of the European parliament and of the council regarding measuring instruments
 - Annex I, essential requirements
 - Annex MI-003, active electrical energy meters

See marking on device for the year of issue of the declaration of conformity.

Example: Declaration of conformity for 2008 **CE** M08 1259

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Important reminder!

This electrical equipment may only be installed by skilled electricians otherwise fire hazard or danger of electric shock exists!