

## Single-phase energy meter WSZ12B-65A with MID approval



### Maximum current 65 A. Standby loss 0.3 watt only.

Modulair device for DIN-EN 60715 TH35 rail mounting.  
2 modules = 35 mm wide and 58 mm deep.

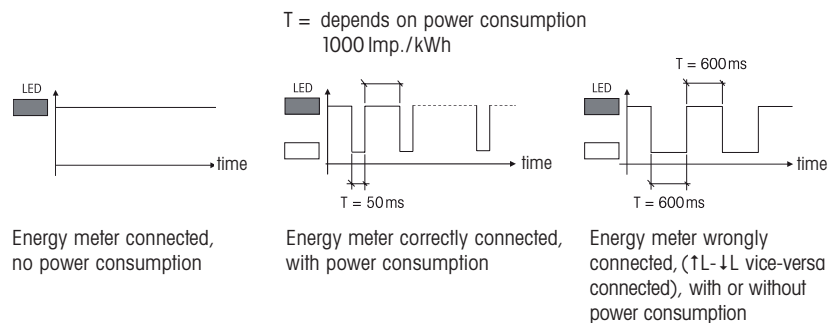
Accuracy class B (1%). With S0 interface as standard.

It measures active energy by means of the current between input and output. The internal powerconsumption of 0.3 watt active power is neither metered nor indicated.

1 phase conductor with a max. current up to 65A can be connected.

The inrush current is 40 mA. The meter can be read anytime without power supply.

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



### Technical Data

Rated voltage, extended range	230V, 50 Hz, -20%/+15%
Reference current $I_{ref}$ (Limiting current $I_{max}$ )	10 (65) A
Internal consumption active power	0.3 W
Reading active power	Drum type register with 6 digits for kWh and 1 decimal digit
Accuracy class $\pm 1\%$	B
Inrush current according to accuracy class B	40 mA
Ambient temperature limits	-25/+55°C
Interface	Pulse interface S0 according to DIN EN 62053-31, potential free by opto-coupler, max. 30V DC/20 mA and min. 5V DC. Impedance 100 ohms, pulse length 50 ms, 1000 Imp./kWh.
Protection degree	IP50 for mounting in distribution cabins with protection class IP51

Maximum conductor cross section

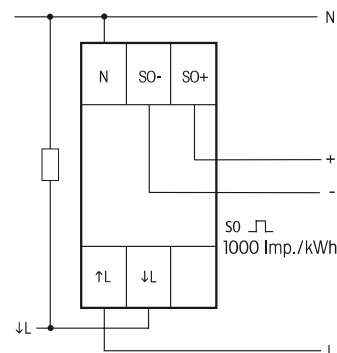
N and L terminals 16 mm<sup>2</sup>

S0 terminal 6 mm<sup>2</sup>

EC type examination certificate

CH-MI003-07004-00

### Typical connection



## EC DECLARATION OF CONFORMITY

File name	FQKZ003
Product	Single-phase Energy Meters with MID approval
Type designation	WSZ12B-65A
EC type examination certificate	CH-MI003-07004-00

**Eltako GmbH, D - 70736 Fellbach, herewith declares, on their own responsibility that the energy meter which this certificate refers to, is in accordance with the following standards:**

- EN 50470 parts 1 and 2 (electromechanical meters)
- EN 50470 parts 1 and 3: October 2006 (electronic meters)

Directive 2004/22/EG of the European parliament and of the Council on measuring instruments

- Annex I, essential requirements
- Annex MI-003, active electrical energy meters

Conformity assessment body	Certification body METAS-Cert, no. 1259 CH-3003 Bern-Wabern
Issuer	Eltako GmbH Hofener Straße 54, D-70736 Fellbach
Place, Date	Fellbach, 31. December 2008
signed	Ulrich Ziegler, General Manager

### Important reminder!

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