



28 016 111 - 1

**Mobile single-phase energy meter with CEE plug and CEE coupling
Suitable for indoor and outdoor use
WSZ110CEE-16A with MID**

Operating temperature: -25°C up to +55°C.
Storage temperature: -25°C up to +70°C.
Relative humidity: annual average value <75%.

Maximum current 16 A, Standby loss 0,4 watt only.

Housing dimensions 110x70x35 mm, connection cable 1.5 m (including plug and coupling).
Accuracy class B (1%).

This mobile single-phase energy meter measures active energy by means of the current between input and output. The internal power consumption of 0.4 watt active power is neither metered nor indicated.

Every 30 seconds, the display switches for 5 seconds from the accumulated active energy in kWh to the momentary consumption in watts.

The start current is 20 mA.

The display can only be read when the power supply is on. However, the consumption is saved to a non-volatile memory and is displayed immediately after a power failure.

The digital display has 7 digits. Two decimal places are indicated up to 99999.99 kWh. Above 100000.0 kWh there is only one decimal place.

Power consumption is shown by a LED flashing at a rate of 2000 times per kWh.

Technical data

Rated voltage	230 V, 50 Hz
Extended range	-20%/+15%
Rated current	16 A
Meter current range	Reference current I_{ref} (Limiting current I_{max}): 0.25 - 5 (32) A
Internal consumption active power	0.4 W
Display active power	LC display 7 digits, therefrom 1 or 2 digits after the decimal point
Accuracy class $\pm 1\%$	B
Inrush current according to accuracy class B	20 mA
Operating temperature	-25/+55°C
Housing protection class	IP54
Plug and coupling	IEC 60309, L+N+PE, blue protection class: IP44
Line cross-section	3x2,5 mm ²
Mechanical environmental conditions	class M1
Electromagnetic environmental conditions	class E2

EC DECLARATION OF CONFORMITY

Product **Mobile single-phase energy meter with MID approval**
Type designation **WSZ110CEE-16A**
EC-type examination 0120/SGS0481
certificate

The manufacturer herewith declares, on his own responsibility that the designated products which this certificate refers to, are in accordance with the following harmonized standards or normative documents as well as with the following Directives of the European Parliament and of the Council (relevant version):

DIN EN 50470 part 1: 2019-08 and part 3: 2020-03 (electronic meters)
2014 / 32 / EU measuring instruments
2014 / 30 / EU electromagnetic compatibility
2011 / 65 / EU restriction of the use of certain hazardous substances (RoHS Directive)

The designated products are placed on the market by ELTAKO GmbH ,
Hofener Straße 54 , 70736 Fellbach, Germany.

Notified body SGS Fimko OY, No. 0598
Takomotie 8, FI-00380 Helsinki, Finland

Manufacturer Shenzhen Chuangren Technology Co. Ltd.
Building 33, No.3 Industrial Area, Mashantou, Gongming Street,
New Guangming District, Shenzhen City, Guangdong Province, 518106, China

Place, Date Shenzhen, 25 February 2021

Signature



This declaration proves the compliance with the above-mentioned EC Directives but it does not include any assurance of properties.
Security advices of the provided product information have to be noticed.

Must be kept for later use!

Eltako GmbH

D-70736 Fellbach

Technical Support English:

+49 711 94350025

technical-support@eltako.de

eltako.com

08/2021 Subject to change without notice.