

**Mobile single-phase energy meter with German type plug and coupling (Type F)
With additional residual current circuit breaker 30 mA
Suitable for indoor and outdoor use
WSZ110DSS-16A+PRCD 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.

The personal protection intermediate switch (PRCD) detects fault currents that occur, for example, when a faulty electrical device is touched, and interrupts the current so quickly that life-threatening accidents can be prevented. It also has an undervoltage release that switches off in the event of a mains voltage failure. With function indication and test button.

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 | VDE0620, CEE7, Type F protection class: IP44 |
| Line cross-section | 3x2,5 mm ² |
| Mechanical environmental conditions | class M1 |
| Electromagnetic environmental conditions | class E2 |

Portable Residual Current Device (PRCD)

| | |
|------------------|--------|
| Protection class | IP66 |
| Tripping current | 30 mA |
| Tripping time | <30 ms |

EC DECLARATION OF CONFORMITY

Product **Mobile single-phase energy meter with MID approval**
Type designation **WSZ110DSS-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

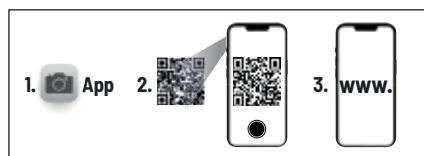


This declaration proves the compliance with the above-mentioned EC Directives but it does not include any assurance of properties.
Security advices of the provided product information have to be noticed.

Manuals and documents in further languages:



http://eltako.com/redirect/WSZ110DSS-16A*PRCD_MID



Must be kept for later use!

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