



28 016 115 - 2

**Portable single-phase energy meter with German type plug and coupling (Type F).
Suitable for indoor and outdoor use
WSZ155DSS-16A with MID**

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

Maximum current 16 A. Protection class IP54. Standby loss 0,4 watt only.
Housing dimensions 155x60x82 mm, connection cable 1.5 m (including plug and coupling).
Accuracy class B (1%).
This portable 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.

The display changes cyclically every 10 seconds between the accumulated active energy in kWh and the instantaneous consumption in kWh.

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.
The portable single phase meter is equipped with a mounting bracket for easy installation. This can easily be removed if not necessary.
The power consumption is shown with a bar in the display that flashes 1000 times per kWh and a red LED in the housing that flashes 2000 times per kWh.

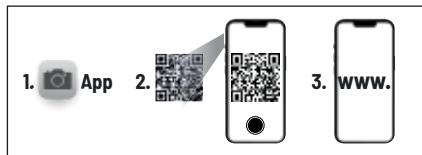
| Technical data | |
|--|---|
| Operating voltage | 230 V, 50 Hz |
| Rated current | 16 A |
| Housing protection class | IP54 |
| Plug and coupling | VDE0620, CEE7, L+N+PE, type F, black Protection class IP44 |
| Line cross-section | 3x2.5 mm ² |
| Cable length including plug and coupling | 1.50 m |

| Included meter WSZ15D-32A MID | |
|---|--|
| Rated voltage, extended range | 230 V, 50 Hz, -20%/+15% |
| 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 |
| EC type test certificate | 0120/SGS0272 |
| Operating temperature | -25/+70°C |
| Mechanical environmental conditions | class M1 |
| Electromagnetic environmental conditions | class E2 |

Manuals and documents in further languages:



https://eltako.com/redirect/WSZ155DSS-16A_MID



EC DECLARATION OF CONFORMITY

Product **Single-phase energy meter with MID approval**

Type designation **WSZ15D-32A**

EC-type examination 0120/SGS0272
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)

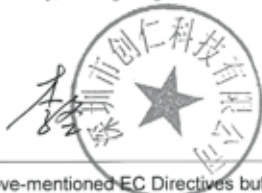
The designated products are placed on the market by ELTAKO GmbH ,
Hofener Straße 54 , 70736 Fellbach, Germany.

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!

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