



## WSZ110DSS-16A+PRCD MID

MID

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

**Protection class** housing: IP54, plug and coupling: IP44

Line cross-section:  $3 \times 2.5 \text{ mm}^2$

Cable length incl. plug and coupling: 150 m

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

<b>WSZ110DSS-16A+PRCD</b>	Mobile single-phase energy meter personal protection intermediate switch PRCD, with MID	EAN 4010312501832	<b>166,50 €/pc.</b>
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