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Eltako

Mobile three-phase energy meter with CEE plug 16 A and CEE coupling 16 A
Suitable for indoor and outdoor use
DSZ180CEE-16A with MID

Temperature at mounting location: -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 0.5 watt per path only.

Housing dimensions 180x86x82 mm, connection cable 1.5 m (including plug and coupling).
 Accuracy class B (1%).

This mobile three-phase energy meter measures active energy by means of the current between input and output.

The internal power consumption of 0.5 watt active power per path is neither metered nor indicated.

The inrush current is 40 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 100 times per kWh.

When the phase conductor is missing 'false' and the corresponding phase conductor are indicated on the display.

Technical data

Rated voltage	400 V, 50 Hz
Rated current	16 A
Housing protection class	IP54
Plug and coupling	IEC 60309, 3P+N+PE, 6h, red protection class: IP44
Cable cross section	5x2,5 mm ²
Cable length including plug and coupling	1.50 m

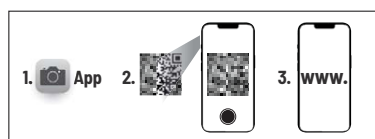
Included meter DSZ15D-3x80A MID

Rated voltage	3x230/400 V, 50 Hz,
Extended range	-20%/+15%
Reference current I_{ref} (Limiting current I_{max})	3x0,5-10(80)A
Internal consumption active power	0,5 W per path
Display active power	LC display 7 digits, therefrom 1 or 2 digits after the decimal point
Accuracy class ±1%	B
Inrush current according to accuracy class B	40 mA
Type examination certificate	0120/SGS0204
Operating temperature	-25/+55°C
Mechanical environmental conditions	class M1
Electromagnetic environmental conditions	class E2

Manuals and Documents in further Languages



<http://eltako.com/redirect/DSZ180CEE-16A>



EC DECLARATION OF CONFORMITY

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

Type designation **DSZ15D-3x80A**

EC-type examination certificate 0120/SGS0204

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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