

EC DECLARATION OF CONFORMITY

Product **Two-way three-phase energy meter, MID approval**
 Type designation **DSZ15DZ-3x80A**
 EC-type examination **0120/SGS0204**
 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, 07 November 2022**

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.

Technical data

Rated voltage, extended range	3x230/400 V, 50 Hz, -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	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	40 mA
Operating temperature	-25/+70°C
Interface	Pulse interface S0 according to DIN EN 62053-31, potential free by opto-coupler, max. 30 V DC/20 mA and min. 5 V DC, impedance 100 ohms, pulse length 30 ms, 1000 Imp./kWh
Terminal cover sealable	Terminal cover claps
Protection degree	IP50 for mounting in distribution cabins with protection class IP51
Maximum conductor cross section ¹⁾	L terminals 25 mm ² , N terminals 16 mm ² , S0 terminals 6 mm ²
Recommended torque ²⁾	L terminals 2,0 Nm (max. 2,5 Nm) N terminals 1,5 Nm (max. 2,0 Nm) S0 terminals 0,8 Nm (max. 1,2 Nm)
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The energy meter is used indoors.	
Mechanical environmental conditions	class M1
Electromagnetic environmental conditions	class E2

¹⁾ The carrying capacity of cables and wires is defined in DIN VDE 0298-4.

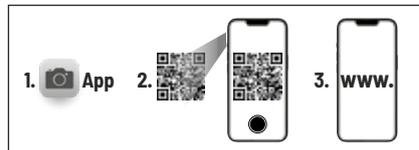
²⁾ The torques for screw terminals are mentioned in DIN EN 60999-1.

To avoid damages at the energy meter, the recommended torque values for each terminal must not be exceeded!

Manuals and documents in further languages:



https://eltako.com/redirect/DSZ15DZ-3*80A_MID



Must be kept for later use!

We recommend the housing for operating instructions GBA14.

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