



Double tariff three-phase energy meter DSZ60D
with display and MID approval

**Only skilled electricians may install this electrical equipment
otherwise there is the risk of fire or electric shock!**

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 3x60A, Standby loss 1 Watt per path.

Three-phase energy meter for 3-point energy meter mounting.
Accuracy class B.

With additional terminals to switch over to a second tariff.
By applying 230V to the terminals 13/15 tariff 1 (HT) is being activated.
This directly measuring three-phase energy meter measures active energy
by means of the current between input and output. The internal power con-
sumption of 1 watt active power per path is neither metered nor indicated.
The signal in the display changes every 10 seconds from the total active energy
to active energy T1 (HT) and active energy T2 (NT).
1, 2 or 3 phase conductors with max. currents up to 60A can be connected.
The inrush current is 10mA.
The N terminal must always be connected.
The 7 segment LC display is also legible without external power supply.
Power consumption is shown by a red LED flashing at a rate of 500 times
per kWh.
Permanent light: halt; light off: free of tension.

Technical Data

Rated voltage	3x230/400V, 50Hz, -10%/+10%
Reference current I_{ref} (Limiting current I_{max})	3x5 (60) A
Internal consumption active power	1W per path
Reading active power	LC display with 7 digits therefrom 1 decimal digit
Accuracy class $\pm 1\%$	B
Inrush current	10mA
Number of tariffs	2
Ambient temperature limits	-25/+70°C
Protection degree	IP51
Maximum conductor cross section	35 mm ²
EC type examination certificate	DE-08-MI003-PTB013

EC DECLARATION OF CONFORMITY

Product **Three-phase energy meters with MID approval**
Type designation **DSZ60D (FRP-SM-B-05060CBA1-LCD)**
EC type **DE-08-MI003-PTB013**
examination certificate

**Eltako GmbH, D - 70736 Fellbach, herewith declares, on their own responsibility that
the energy meter which this certificate refers to, is in accordance with the following
standards:**

EN 50470 parts 1 and 2 (electromechanical meters)
EN 50470 parts 1 and 3: October 2006 (electronic meters)

Directive 2004/22/EG of the European parliament and of the Council on measuring
instruments

- Annex I, essential requirements
- Annex MI-003, active electrical energy meters

Issuer **Eltako GmbH**
Hofener Straße 54, D-70736 Fellbach
Place, Date **Fellbach, 1.7.2011**
signed **Ulrich Ziegler, General Manager**

Must be kept for later use!

Eltako GmbH

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