

# Three-phase energy meter DSZ60 with MID approval



## Maximum current 3x60A, Standby loss 1 watt per path.

Three-phase energy meter for 3-point energy meter mounting.

Accuracy class B.

This directly measuring three-phase energy meter measures active energy by means of the current between input and output. The internal power consumption of 1 watt active power per path is neither metered nor indicated.

1, 2 or 3 phase conductors with max. currents up to 60A can be connected. The inrush current is 10mA. The meter can be read anytime without power supply.

The N terminal must always be connected.

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	Drum type register with 7 digits therefrom 1 decimal digit
Accuracy class $\pm 1\%$	B
Inrush current	10mA
Ambient temperature limits	-40/+70°C
Protection degree	IP51
Maximum conductor cross section	35 mm <sup>2</sup>
EC type examination certificate	DE-08-MI003-PTB013

## EC DECLARATION OF CONFORMITY

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

Type designation **DSZ60 (FRP-SM-05060CBA1-REG)**

EC type examination certificate **DE-08-MI003-PTB013**

**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**

## Important Note!

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