

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.

Connect to terminals 13/15 for use as an one-tariff meter 230V.
As a two-tariff meter HT measurement with 230V to terminals 13/15 and NT measurement without power to 13/15.

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. 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.

LC display with 7 digits, therefrom 1 digit after the decimal point.

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, 50 Hz, -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	35mm 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 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			
<ul style="list-style-type: none">• 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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