

Technical data

Rated voltage, extended range	3x230/400 V, 50 Hz, -20%/+15%
Reference current I_{ref} (Limiting current I_{max})	3x10 (65) A
Internal consumption active power	0.4 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	-10/+55°C
Interface	Pulse interface S0 according to DIN EN 62053-31, potential free by opto-coupler, max. 30V DC/20mA and min. 5V DC, impedance 100 ohms, pulse length 30ms, 1000 Imp./kWh
Terminal cover sealable	Terminal cover claps
Protection degree	IP50 for mounting in distribution cabinets with protection class IP51
Maximum conductor cross section	N and L terminals 16 mm ² , S0 terminals 6 mm ²
EC type examination certificate	CH-MI003-08009-05

EC DECLARATION OF CONFORMITY

File name	FQKZ104
Product	Three-phase Energy Meters DSZ12 with display and MID approval
Type designation	DSZ12D-3x65A (double tariff)
EC type examination certificate	CH-MI003-08009-05
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	
Conformity assessment body	Certification body METAS-Cert, no. 1259 CH-3003 Bern-Wabern
Issuer	Eltako GmbH Hofener Straße 54, D-70736 Fellbach
Place, Date	Fellbach, 12. October 2011
signed	Ulrich Ziegler, General Manager

Important note!

This electrical equipment may only be installed by skilled electricians otherwise fire hazard or danger of electric shock exists!