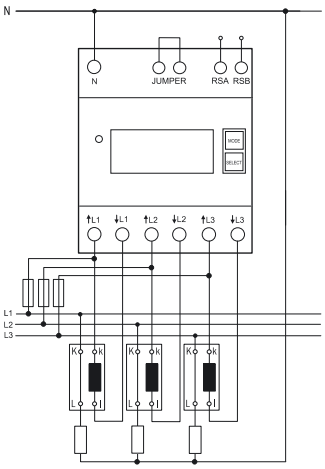


Typical connection
4-wire-connection 3x230/400 V



Further settings can be made using the PC Tool PCT14 (see page 1-5).

Manuals and documents in further languages:
https://eltako.com/redirect/DSZ14WDRS-3*5A_MID

Housing for operating instructions GBA14 page 1-48.
Technical data page 10-34.

DSZ14WDRS-3x5A MID

MID

RS485 bus three-phase energy meter with settable CT ratio and MID. MID-compliant and therefore approved for use for billing purposes. Maximum current 3x5 A. Standby loss 0.8 W at L1 and only 0.5 W at L2 and L3 each.

Modulair device for DIN-EN 60715 TH35 rail mounting in distribution cabinets with IP51 protection class. 4 modules = 70 mm wide and 58 mm deep.
Accuracy class B (1%). With RS485 interface.
This three-phase energy meter measures active energy by means of the current between input and output. The internal power consumption of 0.8 W or 0.5 W active power per path is neither metered nor indicated.
1, 2 or 3 phase conductors with max. currents up to 5 A can be connected.
The inrush current is 10 mA.
The terminals ↑L1 and N must always be connected.
Connection to the ELTAKO RS485 bus via a FBA14 by means of a 2-wire screened bus line (e.g. telephone line). The meter reading and the momentary capacity are transferred to the bus – e.g. for transfer to an external computer or a controller – and is also transferred to the wireless network via the FAM14. For this it is necessary that a device address is assigned from the wireless antenna module FAM14, according to the operating instructions.
The 7 segment LC display is also legible twice within a period of 2 weeks without power supply.
The power consumption is displayed with a LED flashing 10 times per kWh next to the display.
On the right next to the display are the keys MODE and SELECT. Press them to scroll through the menu. First the **background lighting** switches on. The display then shows the total active energy, the active energy of the resettable memory and the instantaneous values of power, voltage, current as well as the PcH value can be displayed.
The CT ratio can also be set. It is set to 5:5 at the factory and blocked with a bridge over the terminals which are marked with 'JUMPER'. To adjust the CT ratio to the installed transformer remove the bridge and reset the energy meter according to the operation manual. Then block it again with the bridge. Adjustable current transformer ratios: 5:5, 50:5, 100:5, 150:5, 200:5, 250:5, 300:5, 400:5, 500:5, 600:5, 750:5, 1000:5, 1250:5 and 1500:5.
Error message (false)
When the phase conductor is missing or the current direction is wrong 'false' and the corresponding phase conductor are indicated on the display.
Important! Before working on the current transformers disconnect the voltage paths of the energy meters.
Meter special operating modes:
In the meter operating modes, the focus is on the adjustable transmission speed of electricity meter data for external building energy managers. Data can be accessed and forwarded via gateways connected to the FAM14 (FGW14, FGW14-USB). **Additional setting options are available on the FAM14 for meters from production week 33/23.**

DSZ14WDRS-3x5A	RS485 bus three-phase energy meter with settable CT ratio with display, MID approval	**Art. No. 28305712**	**221,65 €/pc.**

Recommended retail prices excluding VAT.