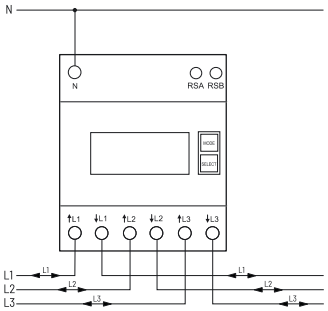


DSZ15DZMOD-3x80A MID

Modbus bidirectional three-phase meter. MID-compliant and therefore approved for use for billing purposes. Maximum current 3x80 A, standby loss only 0.8 watts at L1 and 0.5 W each at L2 and L3.

Modular installation device for mounting on mounting rail DIN-EN 60715 TH35 in installation cabinets with protection class IP51.
4 modules = 70 mm wide and 58 mm deep.
Accuracy class B (1%). With Modbus/ RTU (RS485) interface.
It measures active energy by means of the current between input and output. The internal power consumption of 0.8 resp. 0.5 watt active power per path is neither metered nor indicated.
The active energy is added depending on the sign. Positive power in the meter means energy consumption, negative power means energy delivery. The energy measurement is balanced. If the energy consumption (P positive) is greater than the energy supply (P negative), the meter reading T → is increased. If the energy supply is greater than the energy consumption, the meter reading T ← is increased. Energy consumption is shown with a right arrow → and energy supply is shown with a left arrow ← above the active bar in the display.
1, 2 or 3 phase conductors with max. currents up to 80 A can be connected.
The inrush current is 40 mA.
L1 and N connections must be available.
Connection via RS485 Modbus data logger: Data transfer Modbus/RTU (RS485) and address assignment according to the operating instructions.
Energy consumption and energy supply values are stored in non-volatile memory and are displayed again immediately after a power failure.
The 7 segment LC display is also legible twice within a period of 2 weeks without power supply.
The power consumption and the power supply are indicated by an LED next to the display that flashes 1000 times per kWh.
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. Then the total active energy per consumption and delivery, the active energy of the resettable memory consumption and delivery as well as the instantaneous power, voltage and current values for each phase conductor can be displayed.
Error message
If a phase connection is missing, the corresponding phase is shown on the display.

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



Manuals and documents in further languages:
https://eltako.com/redirect/DSZ15DZMOD-3*80A_MID

Technical data page 10-34.

DSZ15DZMOD-3x80A MID	Modbus bidirectional three-phase meter, MID	**Art. No. 28380516**	**243,70 €/pc.**