

Single-phase energy meter

WZR12-32A with reset

! Note: Select English language!*

Maximum current 32A, standby loss 0.5 watt only.

Modular device for DIN-EN 60715 TH35 rail mounting.

1 module = 18 mm wide, 58 mm deep.

This single-phase energy meter with reset function uses the current between input and output to measure active energy and saves the consumption parameter in a non-volatile memory.

Accuracy conforms to Class B MID (1%) like all Eltako single-phase energy meters, the inrush current is 20 mA.

The display is subdivided into 3 segments.

- **Segment 1:** This display refers to the cumulative value in segment 3.
||| moving slowly to the right = Segment 3 shows the cumulative consumption since last reset. This is the display standard mode.

H01 = Segment 3 shows the consumption for the last hour up to H24 = 24 hours ago.

D01 = Segment 3 shows the consumption for the last day up to D95 = 95 days ago.

- **Segment 2:** Instantaneous values of energy consumption (active power) in watt (W) or kilowatt (kW). The display arrows on the left and right show the automatic change W and kW.

- **Segment 3:** Cumulative value in kWh. Display up to 9,999 kWh with 3 decimal digits, from 10 kWh with 1 decimal digit and from 1000 kWh without decimal digit.

* **Press the left button MODE** to scroll down the display options which are shown in segment 1: H01 and D01 as described above. Finally, press MODE to show the abbreviation of the set language, e.g. GB for English, D for German, F for French and ES for Spanish.

Press the right button SELECT once within the display options to increment the indicated figure by 1. The corresponding value is indicated in segment 3. The last clock hour then becomes the hour before last, etc.

If the active language was selected with MODE, press SELECT to switch to a different

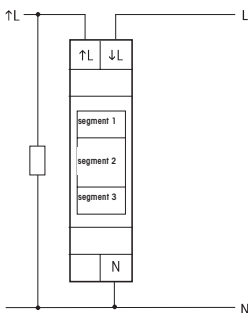
language. Exit the new language setting by pressing MODE to activate the setting.

The program returns to the standard display mode automatically if MODE or SELECT are not operated for 20 seconds or if you press both buttons briefly simultaneously.

Reset

Hold down the buttons MODE and SELECT simultaneously for 3 seconds until RES appears in segment 1. Then press SELECT briefly to reset all memories. Afterwards the program returns automatically to standard display mode.

Typical connection



Technical Data

Operating voltage,	230V, 50Hz,
Extended range	-20%/+15%
Reference current I_{ref} (Limiting current I_{max})	5 (32) A
Internal power consumption active power	0,5 W
Display active power	LC display
Accuracy class for $\pm 1\%$	B
Inrush current according to accuracy class B	20 mA
Operating temperature	-10/+55°C
Protection degree	IP 50 for mounting in distribution cabinets with protection class IP 51
Maximum conductor cross section	6 mm ²



The strain relief clamps of the terminals must be closed, that means the screws must be tightened for testing the function of the device. The terminals are open ex works.

Warning!

Only a trained electrician may install this equipment, otherwise there is a risk of fire or electric shock.