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WZE-1

Single-phase energy meter

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Single phase indicator with LCD display. 45 A.

WZE-1 is a static (electronic) calibrated indicator of single-phase alternating current electrical energy in a direct system.



FUNCTIONING

DESCRIPTION

Purpose

A special electronic circuit under the influence of flowing current and applied voltage generates impulses in a quantity proportional to the electricity consumed. Power consumption is indicated by the LED flashing. The number of pulses is converted into energy consumed, and its value is indicated by a segment LCD display. The figures after the decimal point indicate hundredth parts (.01 kWh = 10 Wh).

Attention!

The device has a pulse output SO + - SO-. This allows you to connect another impulse device reading (SO) pulses generated by the indicator. For correct operation of the meter, no additional device is required.

The indicator has the option of sealing the covers of the input and output terminals preventing the bypass of the indicator.

TECHNICAL DATA

Max. current (Imax)	50 A
Model	Direct measurement
Measurement type load profile	No
Escapement mechanism	No

Calibrated	Yes
Width in number of modular spacings	1
EEC40 signature	No
With lock code	No
Nominal voltage (Un) N-L	160-265 V
Frequency	50-50 Hz
Pulse rate	1000-1000 imp/kWh (kvarh)
Type of meter	Electronic
Pole type	Single phase
Energy type	Effective power
Suitable for	Purchase
Tariff type	One-tariff
Approval	Measuring Instruments Directive
Pulse output	Electrical
Pulse type	S0
Type of indication	Digital
Mounting method	DRA (DIN-rail adaptor)
Degree of protection (IP)	IP20
Number of positions total (counter)	7
Height	115 mm
Depth	65 mm
Width	18 mm
Power consumption	0.4 W
Nominal current (In)	5 A
Accuracy class	B

[Manual](#)
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