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## WZE-3

Three-phase energy meter

Index: WZE-3

Three-phase. Current 80 A.

WZE-3 is a static (electronic) calibrated electricity indicator of a three-phase alternating current in a direct system.



## FUNCTIONING

### DESCRIPTION

#### Purpose

A special electronic system under the influence of flowing current and applied voltage in each phase generates impulses in a quantity proportional to the electricity consumed in this phase. Power consumption in the phase is signaled by the flashing of the corresponding LED (L1, L2, L3). The sum of pulses from three phases is signaled by flashing of the LED diode (800imp / kWh) converted into energy collected in the whole three-phase system, and its value is indicated by the segment LCD display.

The figures after the decimal point indicate hundredth parts (.01 kWh = 10Wh).

#### Attention!

The indicator has a pulse output SO + - SO-. This allows you to connect another impulse device reading (SO) pulses generated by the meter. 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, making it impossible to meter bypass.

## TECHNICAL DATA

|                      |                    |
|----------------------|--------------------|
| Nominal current (In) | 5 A                |
| Max. current (Imax)  | 80 A               |
| Model                | Direct measurement |

|                                     |                                 |
|-------------------------------------|---------------------------------|
| Measurement type load profile       | No                              |
| Escapement mechanism                | Yes                             |
| Calibrated                          | Yes                             |
| Width in number of modular spacings | 4.5                             |
| EEC40 signature                     | No                              |
| With lock code                      | No                              |
| Nominal voltage (Un) N-L            | 160-265 V                       |
| Nominal voltage (Un) L-L            | 230-230 V                       |
| Frequency                           | 50-50 Hz                        |
| Pulse rate                          | 1000-1000 imp/kWh (kvarh)       |
| Type of meter                       | Electronic                      |
| Pole type                           | Three conductor/four conductor  |
| 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) | 8                               |
| Height                              | 100 mm                          |
| Depth                               | 65 mm                           |
| Width                               | 75 mm                           |
| Power consumption                   | 2 W                             |
| Accuracy class                      | B                               |

[Manual](#)
[CE Declaration](#)
[Certificate](#)

