# 1-phase analog energy indicator, 40A, 1 module, DIN TH-35mm

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**ViRONE**



## PRODUCT DESCRIPTION

The 1-phase analog energy indicator is a precise measuring device for monitoring and recording active power consumption in single-phase circuits. The meter is designed for a rated voltage of 230V and a rated current of up to 40A. The low base current of 2W or 10VA contributes to the energy efficiency of the installation.

Energy consumption during a phase is indicated by a flashing LED. The number of pulses is converted into consumed energy and its value is indicated by the LCD display (5+1). In addition, the indicator is equipped with

an electrical pulse output type S0, which generates 500 imp/kWh.

The product is suitable for mounting on a 35 mm DIN rail. The robust housing and IP51 protection level, guarantee high resistance to dust and moisture. Its small dimensions (18x59x116 mm) make it easy to install in areas with limited space.

Complies with international standard IEC 62053-21.

## TECHNICAL DATA

### General information:

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|---|---|
| Type of meter: | Elektromechaniczny |
| Power supply: | 230V~ |
| Current [A]: | 5(40)A |
| Base current (Ib) [A]: | 5 |
| Nominal current (In) [A]: | 40 |
| Max. current (Imax) [A]: | 40 |
| Nominal voltage (Un) N-L [V]: | 220 AC |
| Nominal voltage (Un) L-L [V]: | 220 AC |
| Frequency [Hz]: | 50-60 |
| Power consumption [W]: | 2W/10VA |
| Accuracy class: | B |
| Pole type: | Jednofazowe |
| Model: | Pomiar bezpośredni |
| Energy type: | Moc czynna |
| Suitable for: | Pobór |
| Tariff type: | Jednotaryfowy |
| Pulse output: | Elektryczny |
| Pulse type: | S0 |
| Pulse rate: | 500 |
| Type of indication: | Analogowy |

| | |
|---|---|
| Mounting method: | Adapter szyny DIN |
| Width in number of modular spacings: | 1 |
| Width [mm]: | 18 |
| Depth [mm]: | 59 |
| Height [mm]: | 116 |
| Number of positions total (counter): | 5+1 |
| Degree of protection (IP): | IP51 |
| Operating humidity [%]: | ≤75 |
| Storage humidity [%]: | ≤95 |
| Operating temperaure [ ]: | (-25 ~55) |
| Storage temperaure [ ]: | (-30~70) |
| International standard: | IEC 62053-21 |
| Display mode: | 5+1 |