◼ FUNCTION

It is used for direct measurement of the active and reactive single-phase electricity in the current range of 0.25 ÷ 40A. Mounted on a standard DIN rail.

The display is seven-digit, with the last digit showing the tenth from kWh.

A flashing LED is located on the front under the display with load on.

The number of pulses for 1kWh is shown by the pulse constant, 2000 imp / kWh (0.5Wh / imp) .

The connection terminals are located at the bottom and top, such as the phase and zero of the network are switched on at the bottom, and they go out at the top phase and zero to the load according to the diagram printed on the left side of the electricity meter .

Terminals 20 and 21 are located above the load connection terminals for pulse measurement.

BG-Цифров измервателен уред;

RO-Contor digital;

HR-Digitalno brojilo;

SK-Digitálny merač;

BIH-Digitalno brojilo;

SRB-Digitalno brojilo;

GR-Ψηφιακός μετρητής;

HU-Digitális mérő;

SLO-Digitalni števec

◼ PERFORMANCE CRITERIA

- Operating humidity: **75%**

- Storage humidity: **95%**

- Operating temperature: **-25°C ÷ +50°C**

- Storage temperature: **-30°C ÷ +70°C**

- International standard: **IEC 62053-21**

- Accuracy class: **I**

- Protection against penetration

of dust and water: **IP51**

◼ TECHNICAL PARAMETERS

Nominal voltage(Un):	230V AC
Operational voltage:	100-300V
Insulation capabilities: - AC voltage withstand	2kV AC - 1 мин.
- Impulse voltage withstand	6kV impulse U - 1,2/50µs sinusoid
Basic current (Ib):	5A
Maximum rated current (Imax):	40A
Operational current range:	0,25-40A
Operational frequency range:	50Hz ± 10%
Over current withstand:	960A за 0,01 сек.
Internal power consumption:	≤ 2W, 10VA
Test output flash rate (RED LED):	2000 impulses per kWh (0.5Wh/imp)
Pulse output rate (pins 20 & 21)	2000 pulses per kWh (0.5Wh/imp)

◼ DIMENSIONS AND WIRING DIAGRAM

Height - 116. mm
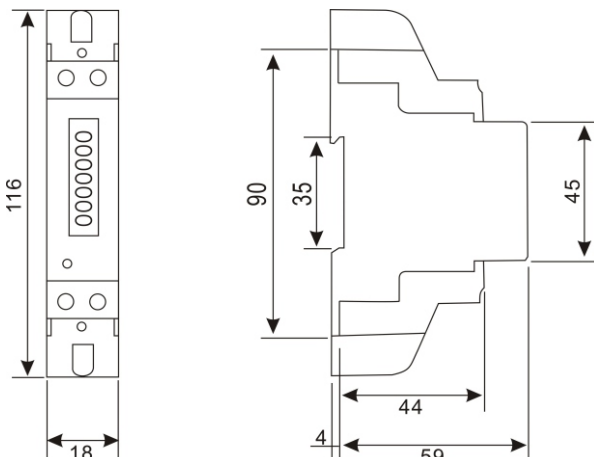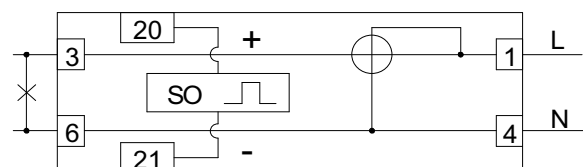Width   - 18 mm
Depth   - 59. mm
Weight - 0.12 Kg (net)

◼ Схема на свързване

1 Inlet phase line
4 Inlet neutral line
3 Outgoing phase line
6 Outgoing neutral line 20 and 21 Pulse output contact