

INSTRUCTIONS

STATIC SINGLE-PHASE ONE MODULE DIN-RAIL WATT-HOUR METER

Electric characteristic:

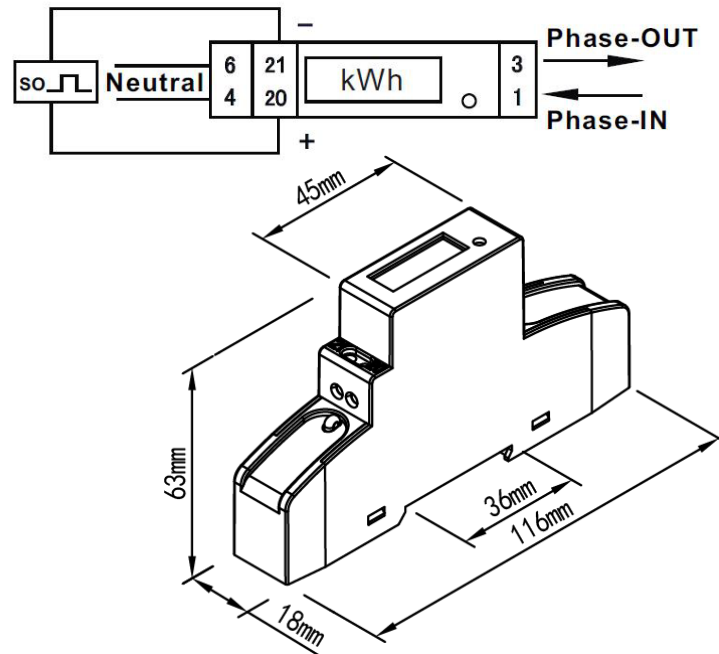
Voltage:	230V +/-20%
Current:	0.25-5(45)A
Accuracy Class:	Class B
Standard:	EN50470-1/3
Frequency:	50/60Hz
Impulse Constant:	1000imp/kWh
Display Mode:	LCD 5+2 = 99999.99kWh
Power Consumption:	≤10VA ≤1W
Starting Current:	0.004Ib
Temperature range:	-25~55℃
Flashing LED	Impulse indication
Average Humidity value of year:	≤75% (Non Condensing)
Maximum Humidity::	95%

Impulse connection:

Voltage 12~27V, current≤27mA, max length of lead:20m
Impulse width=80ms, connect to terminal 20&21
Limits of values: max 60VDC, max 50mA

Attention:

Case is sealed, do not open the meter
No warranty if case is opened



Safety Instructions

- Case is sealed, do not open the meter. No warranty if case is opened.
- The meter should be installed indoor or in the outdoor electric meter box.
- The meter is intended to be installed in a Mechanical Environment 'M1', with Shock and Vibrations of low significance, as per 2014/32/EU Directive.
- The meter is intended to be installed in Electromagnetic Environment 'E2', as per 2014/32/EU Directive.

Information for Your Own Safety

This manual does not contain all of the safety measures for operation of this equipment (module, device) because special operating conditions, local code requirements or local regulations may necessitate further measures. However, it does contain information which must be adhered to for your own personal safety and to avoid damage to the equipment. This information is highlighted by a warning triangle with an exclamation mark or a lightning bolt depending on the severity of the warning.



Warning

Means that failure to observe the instruction can result in death, serious injury or considerable material damage.



Caution

Means hazard of electric shock and failure to take the necessary safety precautions will result in death, serious injury or considerable material damage.

Qualified personnel

Installation and operation of this equipment described in this manual may only be performed by qualified personal.

Only people that are authorized to install, connect and use this equipment and have the proper knowledge about labeling and grounding electrical equipment and circuits and can do so according to safety and regulatory standards are considered qualified personnel in the manual.