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LE-01D

Single-phase energy meter

Index: LE-01D

MID compliant. Single-phase. Current 50A.

LE-01d is a static (electronic) calibrated electricity meter of single-phase alternating current in a direct system.



FUNCTIONING

DESCRIPTION

Compliance

MID Directive 2004/22/EC

EN 50470-1/3

Functioning

A special electronic system under the influence of flowing current and applied voltage generates pulses proportional to the drawn energy. Energy consumption is indicated by a flashing LED. The amount of pulses is converted into energy input, and its value is displayed by the segment LCD display. The fractional digits represent the hundredths (.01 kWh = 10Wh).

Attention!

The meter is equipped with pulse output SO+ - SO-. This allows you to connect another pulse device (SO) that reads pulses generated by the meter.

No additional connected equipment is required for proper operation of the meter.

TECHNICAL DATA

Nominal current (In)	5 A
Max. current (Imax)	50 A

Model	Direct measurement
Measurement type load profile	No
Escapement mechanism	Yes
Calibrated	No
EEC40 signature	No
With lock code	No
Nominal voltage (Un) N-L	165-285 V
Frequency	50-50 Hz
Pulse rate	1000-1000 imp/kWh (kvarh)
Type of meter	Electronic
Accuracy class	B
Pole type	Single phase
Energy type	Effective power
Suitable for	Purchase
Tariff type	One-tariff
Approval	Domestic
Pulse output	Electrical
Pulse type	S0
Type of indication	Digital
Degree of protection (IP)	IP20
Number of positions total (counter)	6
Height	117 mm
Depth	65 mm
Width	18 mm
Width in number of modular spacings	1
Power consumption	0.4 W
Mounting method	DRA (DIN-rail adaptor)

[Manual](#)
[REACH Declaration](#)
[RoHS Declaration](#)

