

WITH NETWORK PARAMETERS ANALYSIS

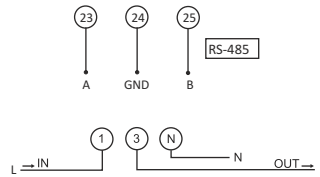
FUNCTIONING

They are used for indications and recordings taken of electricity and mains parameters. Measured by the meter network's parameters are indicated cyclically on the LCD display. Remote reading all indications is possible via a wired RS-485 communication network standard.

LE-01MP



- * single-phase
- * 100A direct measurement
- * kWh indication/kvar + network parameters
- * according to LVD
- * Modbus RTU protocole
- * RS-485 port
- * pulse output SO



reference voltage	230V AC ±20%
base current	5A
maximum current	100A
minimum current	0.02A
measurement accuracy (according to IEC61036)	1st class
own power consumption	<8VA; <0.4W
indication range	0÷99999.99kWh
meter constant	(1.0Wh/pulse) 1000pulses/kWh
read-out signalling	red LED
port	RS-485
communication protocol	Modbus RTU
working temperature	-20÷65°C
terminal	25mm ² screw terminals
dimensions	1 module (19.5mm)
mounting	on TH-35 rail
protection level	IP20

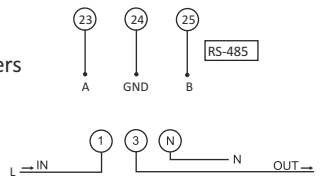
MEASURED VALUES

Active energy	AE+	[kWh]
Phase voltage	U	[V]
Phase current	I	[A]
Frequency	F	[Hz]
Meter's temperature	T	[°C]

LE-01MR (previously LE-01MQ)



- * single-phase
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MEASURED VALUES

LE-01MR (previously LE-01MQ):

Active energy	AE+	[kWh]
Reactive energy	RE+	[kvarh]
Phase voltage	U	[V]
Phase current	I	[A]
Frequency	F	[Hz]
Meter's temperature	T	[°C]
Active power	P	[W]
Reactive power	Q	[var]
Apparent power	P	[VA]
Power factor	cosφ	