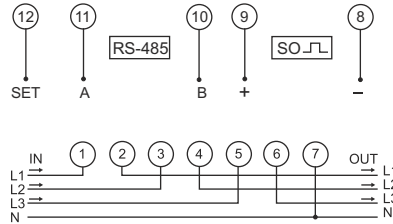


LE-03M



- * three-phase
- * 3×100A direct measurement
- * kWh indication
- * according to MID
- * protocole Modbus RTU
- * RS-485 port
- * pulse output SO



according to MID	2014/32/EU
reference voltage	3×230/400V+N
base current	10A
maximum current	100A
minimum current	0.04A
measurement accuracy (according to IEC61036)	1st class
own power consumption	<10VA; <2W
indication range	0÷999999.9kWh
meter constant	(1.25Wh/pulse) 800pulses/kWh
read-out signalling	red LED
pulse output SO+ SO-	open collector
connection voltage SO+ SO-	<30V DC
connection current SO+ SO-	<27mA
constant SO+ SO-	(1.25Wh/pulse) 800pulses/kWh
pulse time SO+ SO-	34÷80msec
port	RS-485
communication protocol	Modbus RTU
working temperature	-20÷55°C
terminal	25mm ² screw terminals
dimensions	7 modules (122mm)
mounting	on TH-35 rail
protection level	IP20

LE-03M CT TO CO-OPERATION WITH CURRENT TRANSFORMERS



- * three-phase
- * 3×5A indirect measurement
- * 5÷6000/5A transformers
- * gear set programmatically according to Modbus RTU
- * kWh indication
- * according to MID
- * Modbus RTU protocole
- * RS-485 port
- * pulse output SO

according to MID	2014/32/EU
reference voltage	3×230/400V+N
base current	3×1.5A
maximum current	3×5A
minimum current	0.04A
measurement accuracy (according to IEC61036)	1st class
own power consumption	<10VA; <2W
number LCD signs	7
indicator range	dependent on transmission
meter constant	dependent on transmission
read-out signalling	red LED
pulse output SO+ SO-	open collector
connection voltage SO+ SO-	<30V DC
connection current SO+ SO-	<27mA
constant SO+ SO-	dependent on transmission
pulse time SO+ SO-	35msec
port	RS-485
communication protocol	Modbus RTU
working temperature	-20÷55°C
terminal	25mm ² screw terminals
dimensions	7 modules (122mm)
mounting	on TH-35 rail
protection level	IP20

CT ratio as a suitable value of registry is programmable using the Modbus RTU protocol command. CT currents I_p inscribed in memory of the indicator: 5, 20, 30, 40, 50, 60, 75, 80, 100, 120, 150, 200, 250, 300, 400, 500, 600, 750, 800, 1000, 1200, 1250, 1500, 2000, 2500, 3000, 4000, 5000, 6000.

