MEMO3-M

MID 32 A
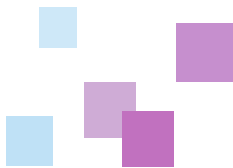**Energy Meter**

Designed for rebilling

Certified MID Class B
according to EN50470-3

Backlit LCD

Indication of connection
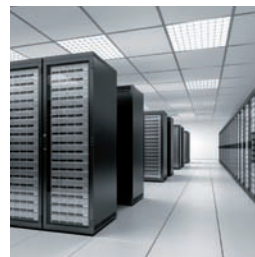errors

Marinas

Outdoor accommodation

Tertiary buildings

Data centres

■ Electrical specifications

Current input

Type	Single phase
Rated current	32A
Inrush current	20 mA
Maximum permanent current	50 A
Minimum current	0.25 A

Voltage input

Measurement range	0 to 999,999.9 kWh
Consumption	Active 0.4 W
Rated voltage	230 V (- 20% / + 15%)
Frequency	50 Hz

Pulse output

Optocoupler type	5-30 Vdc / 20 mA
Impedance	100 Ω
Duration	50 ms
Weight	1000 pulses/kWh
Transmission distance	1000 m max. (30 V / 20 mA)

Accuracy

Active energy	Class B according to EN 50470-3

■ Mechanical specifications

Protection rating	IP51 front panel
Power circuit connection	Screw terminal strip for 6 mm² Tightening torque 1.5-2 Nm
Pulse output connection	Screw terminal strip for 2.5 mm² wires Tightening torque 0.8 Nm
Mounting	On 35 mm DIN rail
Weight	70 g

■ Environment

Operating temperature	- 10 °C to +55 °C (without condensation according to EN 50470)
Storage temperature	-30 °C to +85 °C
Relative humidity	95 % from +25 °C to +40 °C (without condensation)

■ Dimensions *(in mm)*

■ Electrical connection

■ Display

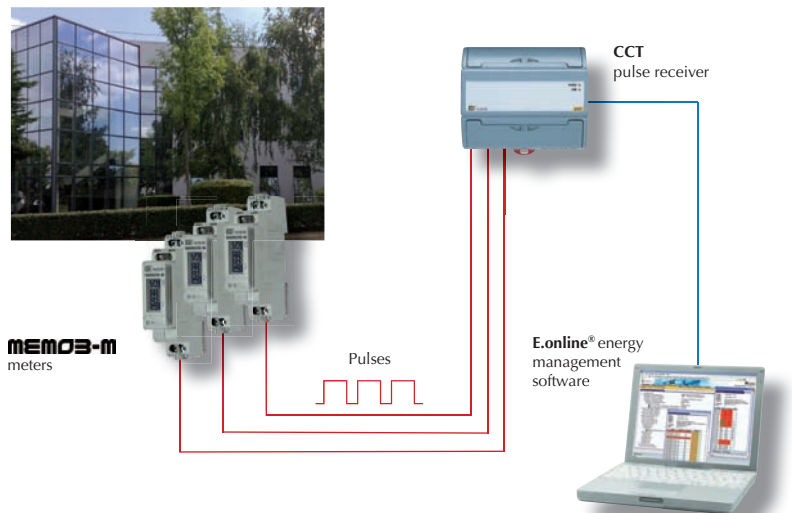|	
Display	Backlit LCD – digit height 5 mm
Total (kWh)	Indication of total consumption
2,000 pulses / kWh	Number of pulses depending on power absorbed Indication of connection errors (inversion of L1 - L2: flashing every 600 ms)

■ Example of application

Billing and reading energy consumption remotely

MEMO3-M is specially designed for rebilling electrical energy on private networks. The MID-compliant MEMO3-M meter is particularly suitable for outdoor accommodation, marinas, holiday rentals, tertiary buildings and data centres.

When combined with the CCT pulse receiver and the E.online® energy management software, this solution allows:
• remote reading on PC of the energy consumed
• automatic generation of consumption reports
• precise allocation of the energy consumed

■ To order

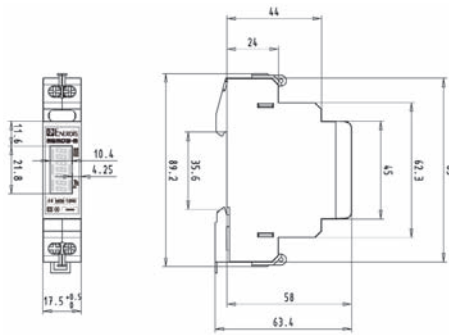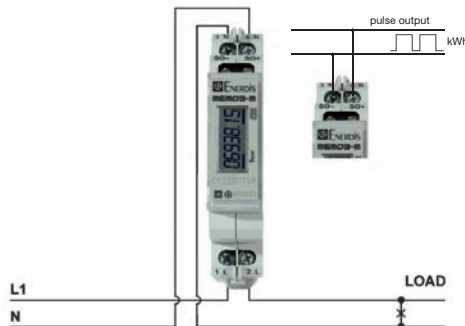| MEMO3-M meter	Sealable terminal covers x10	Pulse receivers	Energy management software
P01330700	P01330701	CCCT 1001	E.online®