

## SUBMETERS MEMO RANGE



Easy-to-read display

Quick integration without  
parameter settings

Direct connection up to 80 A



*Measure up*



# MEMO range of submeters



MEMO TD80

The ideal, economical solution for measuring single-phase or three-phase network.

A range of meters for:



**A solution compliant with the latest thermal regulations**

Ideal for metering your various uses (lighting, hot water for sanitary purposes, heating, etc.)



**Direct to 80 A**

Direct connection by quickly installing your single-phase meter.



**Reliable, accurate measurement of active energy**

with Class 1 accuracy



**Compatible with any protocol**

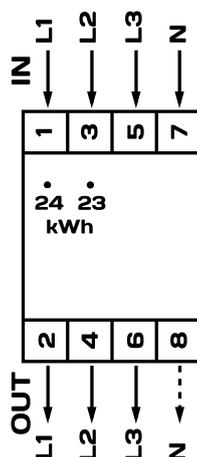
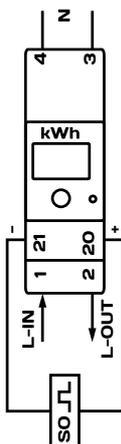
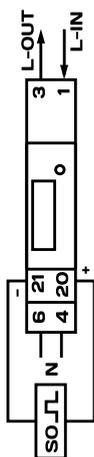
to start immediately.



**Clear, simple display**

which is quick and easy to read

Suitable for a wide range of uses, the meters in the MEMO range can also be integrated in remote energy data retrieval applications thanks to their pulse output.



ing active energy consumption on a

connection up

A connection up to 80 A, simple integration on single-phase and three-phase

missioning without parameter settings

metering accurately



MEMO MD32



MEMO MD65

## A few applications...



Marinas



Small service businesses



Camping sites

# Technical specifications



MEMO MD32

MEMO MD65

MEMO TD80

Single-phase

Three-phase

Rated current	32 A	65 A	80 A
Minimum current (I <sub>min</sub> )		0.25 A	
Inrush current (I <sub>st</sub> )		20 mA	
Voltage input	230 V ± 20 %	230 V ± 30 %	3 x 230/400 V ± 20 %
Consumption		≤ 8 VA ≤ 0.4 W	
Frequency		50-60 Hz	
Metrological LED	1 Wh/pulse	1 Wh/pulse	A: 1 Wh/pulse B: 1 Varh/pulse
Pulse output width	80 ms	90 ms	30 ms
Pulse output weight	1 Wh/pulse	1 Wh/pulse	10 Wh/pulse
Max. operating voltage		12~27 V <sub>DC</sub>	
Max. admissible current		≤ 27 mA	
Active energy accuracy	Class 1 according to IEC 62053-21		
Total Active Energy display	LCD 5 + 2 = 99999.99 kWh	LCD 5 + 1 = 99999.9 kWh	LCD 6 + 2 = 999999.99 kWh
Partial Active Energy with zero reset	-	LCD 5 + 1 = 99999.9 kWh	LCD 6 + 2 = 999999.99 kWh
Backlighting	-	Blue	-
Ingress protection (front panel)		IP50	
Max. section of power circuit	12 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>
Max. section of pulse output		1.5 mm <sup>2</sup>	
Width	1 DIN module	2 DIN modules	4 DIN modules
Dimensions : H x L x W	120 x 18 x 63 mm	100.5 x 36.5 x 65 mm	100 x 76 x 65 mm
Mounting	On 35 mm DIN rail		
Weight	80 g	160 g	360 g
Operating temperature	-25~55 °C	-25~65 °C	-25~65 °C

**TO ORDER**

**P01330740**

**P01330741**

**P01330745**

See all our energy efficiency solutions at [www.energy.com](http://www.energy.com)

## ULYS,

single and three-phase meters particularly well suited to applications in the industrial and tertiary sectors

## ELOG DATA LOGGER,

the remote unit for automatic data retrieval, recording and storage of energy data from communicating meters

## Eonline3,

a single software product for monitoring, analyzing and supervising energy consumption and performance

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