

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



Communication

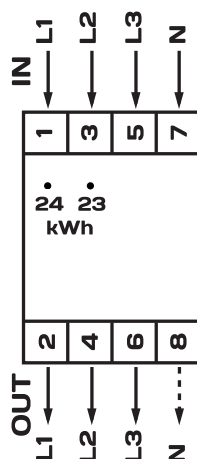
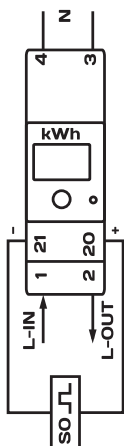
any protocol to start immediately.



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.



A few applications...

ing active energy consumption on a

connection up

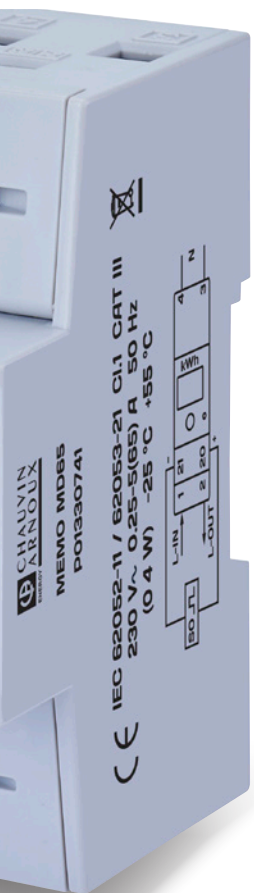
A connection up to 80 A, simple integration on single-phase and three-phase meters

commissioning without parameter settings

metering automatically



MEMO MD32



MEMO MD65



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 _{min})		0.25 A	
Inrush current (I _{st})		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 _{DC}	
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 ²	25 mm ²	35 mm ²
Max. section of pulse output		1.5 mm ²	
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.enerdis.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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