Easy-to-read display

Quick integration without parameter settings

Direct connection up to 80 A
MEMO range of submeters

The ideal, economical solution for measuring active energy on a 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.)

- Reliable, accurate measurement of active energy with Class 1 accuracy

- Direct connection up to 80 A
  Direct connection by quick, simple integration on your single-phase or three-phase feeders

- Commissioning without any parameter settings to start metering 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...

Direct connection up to 80 A
Commissioning without parameter settings
immediately

Marinas
Small service businesses
Camping sites

MEMO MD32
MEMO MD65
## Technical specifications

### MEMO MD32
- Rated current: 32 A
- Minimum current (I_{min}): 0.25 A
- Inrush current (I_{st}): 20 mA
- Voltage input: 230 V ± 20 %
- Consumption: ≤ 8 VA ≤ 0.4 W
- Frequency: 50-60 Hz
- Metrological LED: 1 Wh/pulse
- Pulse output width: 80 ms
- Pulse output weight: 1 Wh/pulse
- Max. operating voltage: 12-27 Vcc
- 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
- Partial Active Energy with zero reset: -
- Backlighting: -
- Ingress protection (front panel): IP50
- Max. section of power circuit: 12 mm²
- Max. section of pulse output: 1.5 mm²
- Dimensions: H x L x W: 120 x 18 x 63 mm
- Mounting: On 35 mm DIN rail
- Weight: 80 g
- Operating temperature: -25 ~ 55 °C

**TO ORDER**: P01330740

### MEMO MD65
- Rated current: 65 A
- Minimum current (I_{min}): 0.25 A
- Inrush current (I_{st}): 20 mA
- Voltage input: 230 V ± 30 %
- Consumption: ≤ 8 VA ≤ 0.4 W
- Frequency: 50-60 Hz
- Metrological LED: 1 Wh/pulse
- Pulse output width: 90 ms
- Pulse output weight: 1 Wh/pulse
- Max. operating voltage: 12-27 Vcc
- Max. admissible current: ≤ 27 mA
- Active energy accuracy: Class 1 according to IEC 62053-21
- Total Active Energy display: LCD 5 + 1 = 99999.9 kWh
- Partial Active Energy with zero reset: LCD 5 + 1 = 99999.9 kWh
- Backlighting: Blue
- Ingress protection (front panel): IP50
- Max. section of power circuit: 25 mm²
- Max. section of pulse output: 1.5 mm²
- Dimensions: H x L x W: 100.5 x 36.5 x 65 mm
- Mounting: On 35 mm DIN rail
- Weight: 160 g
- Operating temperature: -25 ~ 65 °C

**TO ORDER**: P01330741

### MEMO TD80
- Rated current: 80 A
- Minimum current (I_{min}): 0.25 A
- Inrush current (I_{st}): 20 mA
- Voltage input: 3 x 230/400 V ± 20 %
- Consumption: ≤ 8 VA ≤ 0.4 W
- Frequency: 50-60 Hz
- Metrological LED: 1 Wh/pulse
- Pulse output width: 30 ms
- Pulse output weight: 10 Wh/pulse
- Max. operating voltage: 12-27 Vcc
- Max. admissible current: ≤ 27 mA
- Active energy accuracy: Class 1 according to IEC 62053-21
- Total Active Energy display: LCD 6 + 2 = 999999.99 kWh
- Partial Active Energy with zero reset: LCD 6 + 2 = 999999.99 kWh
- Backlighting: -
- Ingress protection (front panel): IP50
- Max. section of power circuit: 35 mm²
- Max. section of pulse output: 1.5 mm²
- Dimensions: H x L x W: 100 x 76 x 65 mm
- Mounting: On 35 mm DIN rail
- Weight: 360 g
- Operating temperature: -25 ~ 65 °C

**TO ORDER**: P01330745

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**See all our energy efficiency solutions at** www.enerdis.com

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### 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