



**Однофазный электрический счетчик Socomes Countis AM10 - брошюра на продукцию.
Юниджет**

Постоянная ссылка на страницу: <https://www.uni-jet.com/catalog/commutation/schetchiki/socomes-countis-am10.html>





COUNTIS AM10

COUNTIS Adc
COUNTIS AMd / COUNTIS AMt
COUNTIS ATv2 / COUNTIS ATiv2
COUNTIS ATd
COUNTIS ATPv2
COUNTIS Ci



Functions

The **COUNTIS AM10** is a modular active energy meter designed for single phase networks. This product used for direct connections up to 32 A.

Conformity to standards

- IEC 62053-21 class 1
- IEC 61010-1
- IEC 61000-4-2
- IEC 61000-4-3
- IEC 61000-4-4
- IEC 61000-4-5
- IEC 61000-4-6
- IEC 61000-4-8
- IEC 61000-4-11
- IEC 60068-2-6
- IEC 60068-2-11
- IEC 60068-2-30

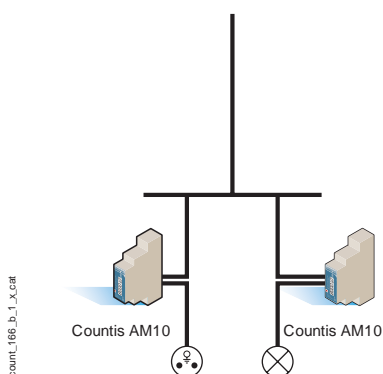
COUNTIS AM10

1. kWh display

2. Luminous consumption indicator
(6000 pulses/kWh)

Applications

COUNTIS AM10 is a 32A active energy meter.
An LCD display shows kWh consumption.
The **COUNTIS AM10** has a pulse output for kWh export to a data logger on PC.



Reference



COUNTIS AM10

Connections	Reference
Direct 32 A	4850 AM10

Electrical characteristics

Current measurement (TRMS)

Type	32 A direct input
Input consumption	1 VA
Overload	20 I_{max} for 500 ms
Minimum measured current	15 mA

Voltage measurement (TRMS)

Range of measurement	184 ... 276 VAC
Input consumption	≤ 8 VA
Sustained overload	276 VAC

Energy accuracy

Active (according to IEC 62053-21)	Class 1
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Auxiliary power supply

Self-supplied	yes
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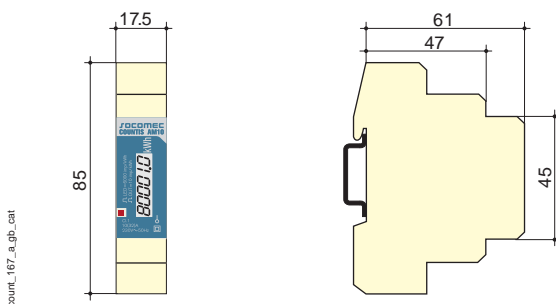
Output (pulsed)

Number	1
Type phototransistor	35 VDC - 50 mA max
Fixed weight of impulses	100 Wh
Impulse duration	100 ms

Operating conditions

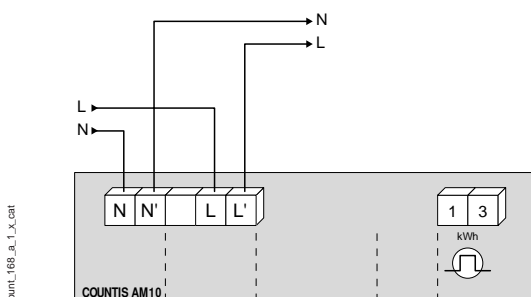
Operating temperature	- 20 ... + 45 °C
Storage temperature	- 25 ... + 70 °C
Relative humidity	85 %

Overall dimensions



Type	modular
Number of modules	1
Dimensions H x W x D	17.5 x 85 x 61 mm
Case protection rating	IP 20
Front protection rating	IP 50
Display type	LCD 5+1 digits
Rigid cable connection section	10 mm ²
Flexible cable connection section	6 mm ²
Weight	150 g

Terminal connections



N & L: Network voltage inputs
N & L: Network voltage outputs
1 & 3: Pulse outputs