



4850 3058

new



4850 3043



4850 3054



4850 3012



4853 0000

COUNTIS series - Active energy meters (kWh meters)

Energy meters are digital instruments for the measurement of electrical energy consumption in single and three phase systems with direct connection or via a current transformer (CT).

type	current	reading	RS485 modbus	dual tariff	description	width in 17.5 mm
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Single phase direct connection kWh meters (modular design DIN rail mounting)

- LCD display
- Bidirectional (*energy consumption and production*)
- Measurement accuracy: 1 %
- Rated supply voltage: 230 VAC
- Pulse output: 100Wh
- Active energy: Class 1 (IEC/EN 62053-21) Class B (EN 50470)

4850 3058	E00	40A	direct	no	no	single phase kwh meter	1
4850 3039	E03	40A	direct	yes	yes	single phase kwh meter	1
4850 3060	E11	80A	direct	no	yes	single phase kwh meter	2
4850 3043	E13	80A	direct	yes	yes	single phase kwh meter	2
4850 3047*	E17	80A	direct	no	yes	single phase kwh meter	2

* Ethernet web server embedded

Three phase direct connection kWh meters (modular design DIN rail mounting)

- Backlit LCD display
- Rated supply voltage: 230 - 400 VAC
- Pulse output: 100Wh
- Measurement accuracy: 1 %
- Bi-directional (*energy consumption and production*)
- Active energy: Class 1 (IEC/EN 62053-21) class B (EN 50470)

4850 3003	E20	63A	direct	no	no	three phase kwh meter	4
4850 3062	E21	80A	direct	no	yes	three phase kwh meter	4
4850 3050	E23	80A	direct	yes	yes	three phase kwh meter	4
4850 3054*	E27	80A	direct	no	yes	three phase kwh meter	4
4850 3005	E30	100A	direct	no	no	three phase kwh meter	7
4850 3006	E31	100A	direct	no	yes	three phase kwh meter	7
4850 3012	E33	100A	direct	yes	via com	three phase kwh meter	7

* Ethernet web server embedded

Note MID compliant devices available on request.

CT operated ...1/5A

4850 3063	E41	..1/5A	CT	no	no	three phase kwh meter	4
4850 3065	E43	..1/5A	CT	yes	via com	three phase kwh meter	4
4850 3027*	E45	..1/5A	CT	yes	via com	three phase kwh meter	4

* Mbus

Pulse concentrator (modular design DIN rail mounting)

COUNTIS ECi2 multi-utility pulse concentrator allows for up to 7 pulse inputs from water, gas, compressed air and electricity meters to be registered and stored. All data can be centralised via RS485 communication using MODBUS protocol.

- Load curves are available for each of the 7 logical inputs
- Partial, total, daily, weekly or monthly kWh or other types of data (*litres, m³...*)
- Customisation by selection of the measuring unit: kWh, m³, litres
- Generate event alarms (*1 dedicated relay output*)
- 230 - 400 VAC supply

4853 0000	ECi2			yes		pulse concentrator for up to 7 inputs	4
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