

48503010

Active-energy meter COUNTIS E50 with pulse output



Strong points

- RS485 MODBUS communication or pulse output
- Detection of connection errors
- Large backlit LCD display
- Detection of connection errors
- Direct display of Multi-measurement and metering values

General characteristics

- Measurement accuracy: 0.5%.
- Large backlit LCD display.
- Direct access to multi-measurement and metering values.
- Guaranteed connection.

Compliance with standards

- IEC 62053-23 Class 2
- IEC 62053-22 Class 0.5S
- IEC 61557-12

Access to resources (ex: manuals)



<https://www.socomec.co.uk/en-gb/reference/48503010>

The COUNTIS E5x is a built-in active and reactive electric energy meter for three-phase networks. You can connect up to 6000 A via TC. The user can configure the TC report using the keyboard and display.

Classification

| | |
|------------|----------|
| UNSPSC | 41113708 |
| ETIM Class | EC001506 |
| IGCC | 6341 |

Commerce

| | |
|-----------------------|---------------|
| Effective date | 2008-12-09 |
| Country of origin | TN |
| Discount Policy | 1EE10 |
| Discount Policy Label | ENERGY METERS |

ETIM - Electrical characteristics

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|-------------------------------|---------------------------------|
| Nominal current (In) [A] | 6000 |
| Max. current (Imax) [A] | 7200 |
| Nominal voltage (Un) L-L [V] | 86..520 |
| Frequency [Hz] | 45..65 |
| Accuracy class | B |
| Pole type | Three conductor/four conductor |
| Energy type | Effective power and blind power |
| Suitable for | Purchase/supply |
| Tariff type | Multi-tariff |
| Tariff control | External |
| Measurement type load profile | No |
| Calibrated | Yes |
| Pulse output | None |
| Pulse rate [Imp/kWh (kvarh)] | 0.1..100 |

ETIM - Mechanical characteristics

| | |
|---------------------------|----------|
| Escapement mechanism | No |
| Mounting method | Built-in |
| With lock code | Yes |
| Degree of protection (IP) | IP30 |

ETIM - Technical features

| | |
|-------------------------------------|-------------------------|
| Type of meter | Electronic |
| Model | Measurement transformer |
| Approval | Domestic |
| Type of indication | Digital |
| Type of interface | None |
| EEC40 signature | No |
| Number of positions total (counter) | 1 |

Logistics

| | |
|----------------------------|---------------|
| GTIN/EAN | 3596031946969 |
| Customs number | 9028301900 |
| Price unit | PC |
| Weight of the packing unit | 0.69 |
| Length of the packing unit | 0.235 |
| Width of the packing unit | 0.16 |

| | |
|----------------------------------|-----------|
| Depth of the packing unit | 0.125 |
| Norms | |
| Conformity to standards | IEC |
| Technical Characteristics | |
| Application | Metering |
| Model | E50 |
| Type | 3PH CT/5A |