

48503050

Active-energy meter COUNTIS E23 Direct 80A dual tariff with RS485 MODBUS com.



Strong points

- RS485 (MODBUS) communication, M-Bus, Ethernet or pulse outputs
- Multi-tariff
- B+D module MID-certified

General characteristics

- Measurement accuracy: 1%.
- Displayed on backlit screen.
- Multi-measurement available on display.

Compliance with standards

- IEC 62053-21 Class 1
- IEC 62053-23 Class 2
- IEC 62053-31
- IEC 62052-11
- EN 50470-1
- EN 50470-3

Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/48503050>

The COUNTIS E2x is a modular energy meter displaying the energy (kWh, kVArh and kVA) and other measurements directly on its backlit LCD display. It is designed for three-phase networks and allows a direct connection of up to 80 A.

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| Classification | |
| UNSPSC | 41113708 |
| ETIM Class | EC001506 |
| IGCC | 6341 |
| Commerce | |
| Effective date | 2016-04-12 |
| Country of origin | IT |
| ETIM - Electrical characteristics | |
| Nominal current (In) [A] | 80 |
| Max. current (Imax) [A] | 80 |
| Nominal voltage (Un) N-L [V] | 184..276 |
| Nominal voltage (Un) L-L [V] | 320..480 |
| Frequency [Hz] | 50..60 |
| Accuracy class | B |
| Pole type | Three conductor/four conductor |
| Energy type | Effective power and blind power |
| Suitable for | Purchase/supply |
| Tariff type | Two-tariff |
| Tariff control | External |
| Measurement type load profile | No |
| Calibrated | Yes |
| Pulse output | Electrical |
| Pulse type | S0 |
| Pulse rate [Imp/kWh (kvarh)] | 10..10 |
| ETIM - Mechanical characteristics | |
| Escapement mechanism | No |
| Mounting method | DRA (DIN-rail adapter) |
| Width in number of modular spacings | 4 |
| With lock code | No |
| Degree of protection (IP) | IP20 |
| ETIM - Technical features | |
| Type of meter | Electronic |
| Model | Direct measurement |
| Approval | Domestic |
| Type of indication | Digital |
| Type of interface | Modbus |
| EEC40 signature | No |
| Logistics | |
| GTIN/EAN | 3596032942458 |
| Customs number | 9028301900 |
| Price unit | PC |
| Weight of the packing unit | 0.48 |
| Length of the packing unit | 0.08 |

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|----------------------------------|---------------|
| Width of the packing unit | 0.105 |
| Depth of the packing unit | 0.09 |
| Norms | |
| Conformity to standards | IEC |
| Technical Characteristics | |
| Application | Metering |
| Communication protocols | MODBUS |
| Model | E23 |
| Type | 3PH up to 80A |