

**48503056**

## Active-energy meter COUNTIS E47 via CT pulse+Ethernet



### Strong points

- RS485 (MODBUS), M-BUS, Ethernet communication or pulse outputs
- B+D module MID-certified
- Bi-directional metering
- Multi-measurement and load curve

### General characteristics

- Measurement accuracy: 1 % / 0,5% (MID).
- Backlit LCD display.
- Multi-measurement available on display.

### Compliance with standards

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

### Access to resources (ex: manuals)

<https://www.socomec.co.in/en-in/reference/48503056>

The COUNTIS E4x is a modular electrical energy meter displaying the energy (kWh, kVAh and kVA) and other measurements directly on its backlit LCD display. It is designed for three-phase load metering with connection via CT and is suitable for applications of up to 12000 A.

COUNTIS E42, E44, E46 and E48 are MID certified.

|  |                                 |
|--|---------------------------------|
| <b>Classification</b>                    |                                 |
| UNSPSC                                   | 41113708                        |
| ETIM Class                               | EC001506                        |
| IGCC                                     | 6341                            |
| <b>Commerce</b>                          |                                 |
| Effective date                           | 2019-04-01                      |
| Country of origin                        | IT                              |
| <b>ETIM - Electrical characteristics</b> |                                 |
| Nominal current (In) [A]                 | 5                               |
| Max. current (Imax) [A]                  | 12000                           |
| 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                              | Multi-tariff                    |
| Tariff control                           | External                        |
| Measurement type load profile            | No                              |
| Calibrated                               | Yes                             |
| Pulse output                             | Electrical                      |
| Pulse type                               | S0                              |
| Pulse rate [Imp/kWh (kvarh)]             | 10..10                          |
| <b>ETIM - Mechanical characteristics</b> |                                 |
| Escapement mechanism                     | No                              |
| Mounting method                          | DRA (DIN-rail adapter)          |
| Width in number of modular spacings      | 4                               |
| With lock code                           | No                              |
| Degree of protection (IP)                | IP51                            |
| <b>ETIM - Technical features</b>         |                                 |
| Type of meter                            | Electronic                      |
| Model                                    | Measurement transformer         |
| Approval                                 | Domestic                        |
| Type of indication                       | Digital                         |
| Type of interface                        | Other                           |
| EEC40 signature                          | No                              |
| <b>Logistics</b>                         |                                 |
| GTIN/EAN                                 | 3596033015892                   |
| Customs number                           | 9028301900                      |
| Price unit                               | PC                              |
| Weight of the packing unit               | 0.46                            |

|                                  |           |
|----------------------------------|-----------|
| Length of the packing unit       | 0.095     |
| Width of the packing unit        | 0.105     |
| Depth of the packing unit        | 0.12      |
| <b>Norms</b>                     |           |
| Conformity to standards          | IEC       |
| <b>Technical Characteristics</b> |           |
| Application                      | Metering  |
| Communication ports              | Ethernet  |
| Model                            | E47       |
| Type                             | 3PH CT/5A |