

**48503025**

## Active-energy meter COUNTIS E35 Direct 100A dual tariff with M-BUS com.



### Strong points

- RS485 (MODBUS or M-BUS) communication or pulse outputs
- Detection of connection errors
- B+D module MID-certified
- Bi-directional metering (available only on the E33 and E35)
- Multi-measurement and load curve

### General characteristics

- Measurement accuracy: 1%
- Backlit LCD.
- Detects connection errors.

### Compliance with standards

- IEC 62053-21 class 1
- IEC 62053-31
- IEC 62053-11
- EN 50470-1
- EN 50470-3

### Link to the reference



<https://apac.socomec.com/en/reference/48503025>

The COUNTIS E3x is a modular energy meter displaying the energy and power consumed (kWh and kW) directly on its backlit LCD display. It is designed for three-phase load metering and is used for direct connections of up to 100 A. COUNTIS E32, E34 and E36 are also MID-certified.

### ----- System -----

|                             |    |
|-----------------------------|----|
| Fill rate E-Order Common    | 29 |
| Fill rate E-Order Selection | 75 |

### Classification

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

### Commerce

|                       |               |
|-----------------------|---------------|
| Effective date        | 2012-02-24    |
| Country of origin     | FR            |
| Discount Policy       | 1EE10         |
| Discount Policy Label | ENERGY METERS |

### ETIM - Electrical characteristics

|                               |                                 |
|-------------------------------|---------------------------------|
| Nominal current (In) [A]      | 100                             |
| Max. current (Imax) [A]       | 3000                            |
| Nominal voltage (Un) N-L [V]  | 184..276                        |
| Nominal voltage (Un) L-L [V]  | 320..480                        |
| Frequency [Hz]                | 50..50                          |
| 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 rate [Imp/kWh (kvarh)]  | 10..10                          |

### ETIM - Mechanical characteristics

|                                     |                        |
|-------------------------------------|------------------------|
| Escapement mechanism                | No                     |
| Mounting method                     | DRA (DIN-rail adapter) |
| Width in number of modular spacings | 7                      |
| With lock code                      | Yes                    |
| Degree of protection (IP)           | IP20                   |

### ETIM - Technical features

|                    |                                 |
|--------------------|---------------------------------|
| Type of meter      | Electronic                      |
| Model              | Direct measurement              |
| Approval           | Measuring Instruments Directive |
| Type of indication | Digital                         |
| Type of interface  | M-bus (wired)                   |
| EEC40 signature    | No                              |

### Logistics

|          |               |
|----------|---------------|
| GTIN/EAN | 3596032662349 |
|----------|---------------|

|                                  |                |
|----------------------------------|----------------|
| Customs number                   | 9028301900     |
| Price unit                       | PC             |
| Weight of the packing unit       | 0.701          |
| Length of the packing unit       | 0.21           |
| Width of the packing unit        | 0.18           |
| Depth of the packing unit        | 0.115          |
| <b>Norms</b>                     |                |
| Conformity to standards          | IEC            |
| <b>Technical Characteristics</b> |                |
| Application                      | Metering       |
| Communication ports              | M-BUS          |
| Model                            | E35            |
| Type                             | 3PH up to 100A |