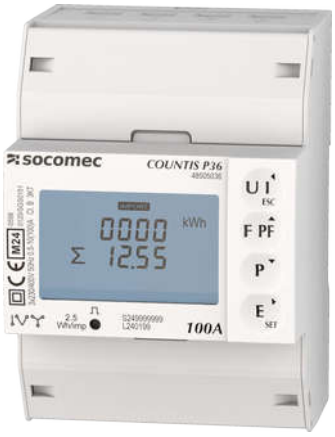
**48505036**

# Energy Meter COUNTIS P36 Three/four conductor 3PH 100A, MID M-BUS




COUNTIS P3x are three-phase modular electrical energy meters that enable viewing of the different energies consumed and produced, and also of powers and other measurements directly on the backlit LCD display. They enable direct connection up to 100 A and are suitable for use in sub-billing applications thanks to their MID certification.

## Strong points

- Compact design
- MID certification
- Versatile
- Easy integration
- Multi-interfaces

## Compliance with standards

- IEC 62053-21
- IEC 62053-23
- IEC 62053-31
- IEC 62052-11
- IEC 61010-1
- EN 50470-1
- EN 50470-3

## Link to the reference

https://emea.socomec.com/en/reference/48505036

## Classification

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

## Commerce

| | |
|---|---|
| Description | Modular active-energy meters COUNTIS P36 MID-certified Three phase - direct 100A, M-BUS type of electrical ports, fully integrated in SOCOMEC ecosystem including: Webview/screens/gateways/configuration software |
| Effective date | 2025-11-01 |
| Offer Life Cycle Code | 40 |
| Country of origin | CN |
| Former product list | 48C03136 \| COUNTIS M36 3P 100A MBUS MID |

## Environmental Sustainability

| | |
|---|---|
| Climate change - Total - Cradle to Grave [kg $CO_2$ eq.] | 30 |
| Climate change - Total - Cradle to Gate [kg $CO_2$ eq.] | 12 |
| SVHC > 0.1 mass percentage? | No |
| RoHS applicable? | Yes |

## ETIM - Electrical characteristics

| | |
|---|---|
| Nominal current (In) [A] | 100 |
| Max. current (Imax) [A] | 100 |
| Nominal voltage (Un) N-L [V] | 184..276 |
| Nominal voltage (Un) L-L [V] | 320..480 |
| Frequency [Hz] | 45..55 |
| Power consumption [W] | 1 |
| Accuracy class | B |
| Pole type | Three conductor/four conductor |
| Energy type | Effective power and reactive power |
| Suitable for | Purchase/supply |
| Tariff type | Multi-tariff |
| Tariff control | External |
| Measurement type load profile | No |
| Calibrated | Yes |
| Pulse output | Electrical |
| Pulse type | D0 |
| Pulse rate [Imp/kWh (kvarh)] | 10..10 |

## ETIM - Mechanical characteristics

| | |
|---|---|
| Escapement mechanism | No |

| | |
|---|---|
| Mounting method | DRA (DIN-rail adaptor) |
| Width in number of modular spacings | 4 |
| Width [mm] | 72 |
| Depth [mm] | 66 |
| Height [mm] | 100 |
| With lock code | No |
| 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 | 3596033319457 |
| Customs number | 9028301900 |
| Price unit | PC |
| Weight of the packing unit [kg] | 0.38 |
| Length of the packing unit [m] | 0.08 |
| Width of the packing unit [m] | 0.12 |
| Depth of the packing unit [m] | 0.08 |

## Technical Characteristics

| | |
|---|---|
| Height [mm] | 100 |
| Width [mm] | 72 |
| Depth [mm] | 66 |
| Application | Metering |
| Communication ports | M-BUS |
| Model | P36 |
| Type | 3PH 100A, MID |