

48503009

## Active-energy meter COUNTIS E41 via CT dual tariff



### 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

### Link to the reference

<https://apac.socomec.com/en/reference/48503009>

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.

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

Fill rate E-Order Common	33
Fill rate E-Order Selection	50

#### Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

#### Commerce

Effective date	2008-12-09
Obsolescence date	2020-04-01
Country of origin	FR
Discount Policy	1EE10
Discount Policy Label	ENERGY METERS

#### ETIM - Electrical characteristics

Nominal current (In) [A]	6000
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
Suitable for	Purchase
Tariff type	One-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	4
With lock code	Yes
Degree of protection (IP)	IP20

#### ETIM - Technical features

Type of meter	Electronic
Model	Measurement transformer
Approval	Measuring Instruments Directive
Type of indication	Digital
EEC40 signature	No

#### Logistics

GTIN/EAN	3596031946952
Customs number	9028301900
Price unit	PC
Weight of the packing unit	0.094
Length of the packing unit	0.12
Width of the packing unit	0.085
Depth of the packing unit	0.03
<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Application	Metering
Model	E41
Type	3PH CT/5A, double-tariff