

**48503065**

## Active-energy meter COUNTIS E43 via CT dual tariff+pulse+RS485 MODBUS Comm



### 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.uk/en-gb/reference/48503065>

The COUNTIS E4x is a modular electrical energy meter displaying the energy (kWh, kVARh 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.

### Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

### Commerce

Effective date	2019-04-01
Country of origin	IT
Discount Policy	1EE10
Discount Policy Label	ENERGY METERS

### ETIM - Electrical characteristics

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

### 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)	IP51

### ETIM - Technical features

Type of meter	Electronic
Model	Measurement transformer
Approval	Domestic
Type of indication	Digital
Type of interface	Modbus
EEC40 signature	No

### Logistics

GTIN/EAN	3596033073618
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Customs number	9028301900
Price unit	PC
Weight of the packing unit	0.366
Length of the packing unit	0.08
Width of the packing unit	0.085
Depth of the packing unit	0.1
<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Application	Metering
Communication protocols	MODBUS
Model	E43
Type	3PH CT/5A