

**48503011**

## Active-energy meter COUNTIS E53 with RS485 MODBUS com.



### Strong points

- RS485 MODBUS communication or pulse output
- Detection of connection errors
- Large backlit LCD display
- Detection of connection errors
- Direct display of Multi-measurement and metering values

### General characteristics

- Measurement accuracy: 0.5%.
- Large backlit LCD display.
- Direct access to multi-measurement and metering values.
- Guaranteed connection.

### Compliance with standards

- IEC 62053-23 Class 2
- IEC 62053-22 Class 0.5S
- IEC 61557-12

### Access to resources (ex: manuals)



<https://www.socomec.co.uk/en-gb/reference/48503011>

The COUNTIS E5x is a built-in active and reactive electric energy meter for three-phase networks. You can connect up to 6000 A via TC. The user can configure the TC report using the keyboard and display.

### Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

### Commerce

Effective date	2008-12-09
Country of origin	TN
Discount Policy	1EE10
Discount Policy Label	ENERGY METERS

### ETIM - Electrical characteristics

Nominal current (In) [A]	6000
Max. current (Imax) [A]	7200
Nominal voltage (Un) L-L [V]	86..520
Frequency [Hz]	45..65
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)]	0.1..100

### ETIM - Mechanical characteristics

Escapement mechanism	No
Mounting method	Built-in
With lock code	Yes
Degree of protection (IP)	IP30

### ETIM - Technical features

Type of meter	Electronic
Model	Measurement transformer
Approval	Domestic
Type of indication	Digital
Type of interface	Modbus
EEC40 signature	No
Number of positions total (counter)	1

### Logistics

GTIN/EAN	3596031946976
Customs number	9028301900
Price unit	PC
Weight of the packing unit	0.7
Length of the packing unit	0.12
Width of the packing unit	0.16

Depth of the packing unit	0.237
<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Application	Metering
Communication ports	RS485
Model	E53
Type	3PH CT/5A