

**48503039**

**Active-energy meter COUNTIS E03 Direct 40A with RS485 MODBUS com.**



#### Strong points

- Compact
- Output (pulses)
- B+D module MID-certified

#### General characteristics

- Compact dimensions.
- Measurement accuracy: 1%.
- Displayed on backlit screen.
- Multi-measurement available on display.

#### Compliance with standards

- IEC 62053-21 Class 1
- IEC 62053-23 Class 2
- IEC 62053-31
- IEC 62052-11
- EN 50470-1
- EN 50470-3

#### Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/48503039>

COUNTIS E0x devices are modular electrical energy meters, they display kWh and kVAh readings and other measurements on the backlit LCD screen. These devices allow a direct connection up to 40 A.

COUNTIS E02, E04 and E06 units are MID-certified.

<b>Classification</b>	
UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341
<b>Commerce</b>	
Effective date	2016-04-12
Country of origin	IT
<b>ETIM - Electrical characteristics</b>	
Nominal current (In) [A]	40
Max. current (Imax) [A]	40
Nominal voltage (Un) N-L [V]	184..276
Frequency [Hz]	50..60
Accuracy class	B
Pole type	Single phase
Energy type	Effective power and blind power
Suitable for	Purchase/supply
Tariff type	Two-tariff
Tariff control	External
Measurement type load profile	No
Calibrated	Yes
Pulse output	Electrical
Pulse type	S0
Pulse rate [Imp/kWh (kvarh)]	10..10
<b>ETIM - Mechanical characteristics</b>	
Escapement mechanism	No
Mounting method	DRA (DIN-rail adapter)
Width in number of modular spacings	1
With lock code	No
Degree of protection (IP)	IP20
<b>ETIM - Technical features</b>	
Type of meter	Electronic
Model	Direct measurement
Approval	Domestic
Type of indication	Digital
Type of interface	Modbus
EEC40 signature	No
<b>Logistics</b>	
GTIN/EAN	3596032942342
Customs number	9028301100
Price unit	PC
Weight of the packing unit	0.11
Length of the packing unit	0.11
Width of the packing unit	0.09

Depth of the packing unit	0.03
<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Application	Metering
Communication protocols	MODBUS
Model	E03
Type	1PH up to 40A