

48503041

Active-energy meter COUNTIS E05 Direct 40A with M-BUS 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

Link to the reference

<https://apac.socomec.com/en/reference/48503041>

COUNTIS E0x devices are modular electrical energy meters, they display kWh and kVArh 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.

----- System -----

Fill rate E-Order Common	29
Fill rate E-Order Selection	75

Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

Commerce

Effective date	2016-04-12
Country of origin	IT
Discount Policy	1EE10
Discount Policy Label	ENERGY METERS

ETIM - Electrical characteristics

Nominal current (In) [A]	40
Max. current (Imax) [A]	40
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	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

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)	IP20

ETIM - Technical features

Type of meter	Electronic
Model	Direct measurement
Approval	Domestic
Type of indication	Digital
Type of interface	M-bus (wired)
EEC40 signature	No

Logistics

GTIN/EAN	3596032942366
Customs number	9028301100
Price unit	PC
Weight of the packing unit	0.1
Length of the packing unit	0.03
Width of the packing unit	0.095
Depth of the packing unit	0.107
Norms	
Conformity to standards	IEC
Technical Characteristics	
Application	Metering
Communication ports	M-BUS
Model	E05
Type	1PH up to 40A