48503028

Active-energy meter COUNTIS E46 via CT dual tariff with M-BUS com. + MID



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.

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/48503028

=-=-=-=-=-=- System =-=-=-=-=-=-	
Fill rate E-Order Common	33
Fill rate E-Order Selection	75
Classification	
UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341
Commerce	
Effective date	2012-02-24
Obsolescence date	2022-12-31
Production ban date	2023-12-31
Country of origin	FR
Discount Policy	1EE10
Discount Policy Label	ENERGY METERS
ETIM - Electrical characteristics	
Nominal current (In) [A]	3000
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 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)]	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
Type of interface	M-bus (wired)

EEC40 signature	No
Logistics	
GTIN/EAN	3596032662370
Customs number	9028301900
Price unit	PC
Weight of the packing unit	0.35
Length of the packing unit	0.09
Width of the packing unit	0.105
Depth of the packing unit	0.135
Norms	
Conformity to standards	IEC
Technical Characteristics	
Application	Metering
Communication ports	M-BUS
Model	E46
Type	3PH CT/5A, MID