48503015

Active-energy meter COUNTIS E42 via CT dual tariff + MID

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/
48503015

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.

=-=-=-=-=-=- System =-=-=-=-=-=-

Fill rate E-Order Common	33
Fill rate E-Order Selection	50

Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

Commerce

Effective date	2009-11-23
Obsolescence date	2020-04-01
Production ban date	2020-09-02
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
Tariff type	One-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
EEC40 signature	No

Logistics

GTIN/EAN	3596031984138
Customs number	9028301900
Price unit	PC
Weight of the packing unit	0.337
Length of the packing unit	0.135
Width of the packing unit	0.095
Depth of the packing unit	0.11

Norms

Conformity to standards	IEC

Technical Characteristics

Application	Metering
Model	E42
Type	3PH CT/5A, MID