48503017

Active-energy meter COUNTIS E43 via CT dual tariff with RS485 MODBUS com.

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

Access to resources (ex: manuals)

SOCOMEC
Innovative Power Solutions

https://www.socomec.co.in/en-in/reference/48503017

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.

Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

Commerce

Effective date	2010-04-15
Obsolescence date	2022-12-31
Production ban date	2023-12-31
Country of origin	FR

ETIM - Electrical characteristics

Nominal current (In) [A]	6000
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	Modbus
EEC40 signature	No

Logistics

GTIN/EAN	3596032004217
Customs number	9028301900

Price unit	PC
Weight of the packing unit	0.34
Length of the packing unit	0.135
Width of the packing unit	0.11
Depth of the packing unit	0.09

Norms

Conformity to standards	IEC

Technical Characteristics

Application	Metering
Communication ports	RS485
Model	E43