48503012

Active-energy meter COUNTIS E33 Direct 100A dual tariff with RS485 MODBUS com.

Strong points
- RS485 (MODBUS or M-BUS) communication or pulse outputs
- Detection of connection errors
- B+D module MID-certified
- Bi-directional metering (available only on the E33 and E35)
- Multi-measurement and load curve

General characteristics
- Measurement accuracy: 1%
- Backlit LCD.
- Detects connection errors.

Compliance with standards
- IEC 62053-21 class 1
- IEC 62053-31
- IEC 62053-11
- EN 50470-1
- EN 50470-3

Link to the reference

https://apac.socomec.com/en/reference/
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The COUNTIS E3x is a modular energy meter displaying the energy and power consumed (kWh and kW) directly on its backlit LCD display. It is designed for three-phase load metering and is used for direct connections of up to 100 A.
COUNTIS E32, E34 and E36 are also 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	2008-12-09
Country of origin	FR
Discount Policy	1EE10
Discount Policy Label	ENERGY METERS

ETIM - Electrical characteristics

Nominal current (In) [A]	100
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	7
With lock code	Yes
Degree of protection (IP)	IP20

ETIM - Technical features

Type of meter	Electronic
Model	Direct measurement
Approval	Measuring Instruments Directive
Type of indication	Digital
Type of interface	Modbus
EEC40 signature	No

Logistics

GTIN/EAN	3596031946983
Customs number	9028301900
Price unit	PC
Weight of the packing unit	0.7
Length of the packing unit	0.205
Width of the packing unit	0.12
Depth of the packing unit	0.175

Norms

Conformity to standards	IEC

Technical Characteristics

Application	Metering
Communication ports	RS485
Model	E33
Type	3PH up to 100A