

48503004

Active-energy meter COUNTIS E21 Direct 63A dual tariff



Strong points

- RS485 (MODBUS) communication, M-Bus, Ethernet or pulse outputs
- Multi-tariff
- B+D module MID-certified

General characteristics

- 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/48503004>

The COUNTIS E2x is a modular energy meter displaying the energy (kWh, kVArh and kVA) and other measurements directly on its backlit LCD display. It is designed for three-phase networks and allows a direct connection of up to 80 A.

----- System -----

Fill rate E-Order Common	33
Fill rate E-Order Selection	25

Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

Commerce

Effective date	2008-12-09
Obsolescence date	2020-04-01
Production ban date	2020-08-28
Country of origin	FR
Discount Policy	1EE10
Discount Policy Label	ENERGY METERS

ETIM - Electrical characteristics

Nominal current (In) [A]	63
Max. current (Imax) [A]	1890
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
Suitable for	Purchase
Tariff type	Multi-tariff
Tariff control	External
Measurement type load profile	No
Calibrated	Yes
Pulse output	None
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	Direct measurement
Approval	Measuring Instruments Directive
Type of indication	Digital
Type of interface	None
EEC40 signature	No

Logistics

GTIN/EAN	3596031946884
Customs number	9028301900
Price unit	PC
Weight of the packing unit	0.33
Length of the packing unit	0.15
Width of the packing unit	0.3
Depth of the packing unit	0.4
Technical Characteristics	
Application	Metering
Model	E21
Type	3PH up to 63A, double-tariff