

48503061

Active-energy meter COUNTIS E12 Direct 80A dual tariff + MID



Strong points

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

General characteristics

- Compact dimensions.
- 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/48503061>

The COUNTIS E1x 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 single-phase load metering and is used for direct connections of up to 80 A.

Classification	
UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341
Commerce	
Effective date	2019-04-01
Country of origin	IT
ETIM - Electrical characteristics	
Nominal current (In) [A]	80
Max. current (Imax) [A]	80
Nominal voltage (Un) N-L [V]	184..276
Nominal voltage (Un) L-L [V]	320..480
Frequency [Hz]	50..60
Accuracy class	B
Pole type	Single phase
Energy type	Effective power and blind power
Suitable for	Purchase/supply
Tariff type	Two-tariff
Tariff control	External
Measurement type load profile	No
Calibrated	Yes
Pulse output	Electrical
Pulse type	S0
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	2
With lock code	No
Degree of protection (IP)	IP51
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	3596033073571
Customs number	9028301100
Price unit	PC
Weight of the packing unit	0.24
Length of the packing unit	0.05
Width of the packing unit	0.105

Depth of the packing unit	0.09
Norms	
Conformity to standards	IEC
Technical Characteristics	
Application	Metering
Model	E12
Type	1PH up to 80A, MID, double-tariff