48503050

Active-energy meter COUNTIS E23 Direct 80A dual tariff with RS485 MODBUS com.

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.

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

Access to resources (ex: manuals)

https://www.socomec.co.uk/en-gb/reference/48503050

Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

Commerce

Effective date	2016-04-12
Country of origin	IT
Discount Policy	1EE10
Discount Policy Label	ENERGY METERS

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	Three conductor/four conductor
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	4
With lock code	No
Degree of protection (IP)	IP20

ETIM - Technical features

Type of meter	Electronic
Model	Direct measurement
Approval	Domestic
Type of indication	Digital
Type of interface	Modbus
EEC40 signature	No

Logistics

GTIN/EAN	3596032942458
Customs number	9028301900
Price unit	PC

Weight of the packing unit	0.48
Length of the packing unit	0.08
Width of the packing unit	0.105
Depth of the packing unit	0.09

Norms

Conformity to standards	IEC

Technical Characteristics

Application	Metering
Communication protocols	MODBUS
Model	E23
Type	3PH up to 80A