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Active-energy meter COUNTIS E18 80A dual tariff com ethernet Modbus TCP + MID



Strong points

- Ethernet communication with embedded webserver
- MID certification
- Multi-tariff
- Complete ecosystem for easy integration

General characteristics

- Measurement accuracy: 1%.
- Displayed on backlit screen.
- Multi-measurement available on display.

Compliance with standards

- IEC 62053-21 classe 1
- IEC 62053-23 classe 2
- IEC 62053-31
- IEC 62052-11
- EN 50470-1
- EN 50470-3

Access to resources (ex: manuals)

COUNTIS E is a range of modular electrical energy meters that provide an overview of energy consumed and produced, and also display power information and other measurements directly on the backlit LCD. COUNTIS E meters have native Ethernet communication capability and are fully integrated into the SOCOMEC monitoring ecosystem including Webview, screens, gateways and configuration software.

Technical Characteristics

Application	Metering
Communication ports	Ethernet
Model	E18
Type	1PH up to 80A, MID

Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

Commerce

Effective date	2016-04-12
Offer Life Cycle Code	40
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 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	Measuring Instruments Directive
Type of indication	Digital

Type of interface	Other
EEC40 signature	No
Logistics	
GTIN/EAN	3596032942434
Customs number	9028301100
Price unit	PC
Weight of the packing unit [kg]	0.27
Length of the packing unit [m]	0.09
Width of the packing unit [m]	0.05
Depth of the packing unit [m]	0.11
Norms	
Conformity to standards	IEC