![SOCOMEC Innovative Power Solutions]

48503057

Active-energy meter COUNTIS E48 via CT pulse+Ethernet+MID

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.

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)

Technical Characteristics

Application	Metering
Communication ports	Ethernet
Model	E48
Type	3PH CT/5A, MID

Classification

UNSPSC	41113708
ETIM Class	EC001506
IGCC	6341

Commerce

Effective date	2019-04-01
Offer Life Cycle Code	40
Country of origin	IT

ETIM - Electrical characteristics

Nominal current (In) [A]	5
Max. current (Imax) [A]	12000
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	Multi-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)	IP51

ETIM - Technical features

Type of meter	Electronic
Model	Measurement transformer
Approval	Measuring Instruments Directive
Type of indication	Digital
Type of interface	Other

EEC40 signature	No
Logistics	
GTIN/EAN	3596033015908
Customs number	9028301900
Price unit	PC
Weight of the packing unit [kg]	0.44
Length of the packing unit [m]	0.12
Width of the packing unit [m]	0.1
Depth of the packing unit [m]	0.095
Norms	
Conformity to standards	IEC