

48506000

Energy Meter COUNTIS P43 Three/four conductor DC meter, MID Modbus



Strong points

- Wide selection of shunts
- Multi-interfaces
- Complete ecosystem for easy integration
- Wide temperature range

Compliance with standards

- IEC 62053-41
- IEC 62052-11
- IEC 61010-1

Access to resources (ex: manuals)

COUNTIS P43-DC are modular electrical energy meters for direct current (DC) that enable viewing of the different energies consumed and produced, and also of powers and other measurements directly on the backlit LCD display. They connect indirectly via a wide range of measurement shunts.

Technical Characteristics

Application	Metering
Communication protocols	MODBUS
Model	P43-DC
Type	DC meter, MID

Classification

UNSPSC	41113708
ETIM Class	EC001506

Commerce

Description	Modular active-energy meters COUNTIS P43 for direct current, MODBUS type of electrical protocols, fully integrated in SOCOMEC ecosystem including: Webview/screens/gateways/configuration software
Effective date	2025-04-01
Offer Life Cycle Code	40
Country of origin	CN

ETIM - Electrical characteristics

Max. current (Imax) [A]	4000
Nominal voltage (Un) N-L [V]	184..276
Nominal voltage (Un) L-L [V]	320..480
Frequency [Hz]	45..55
Power consumption [W]	1
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	Optical
Pulse type	D0
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
Width [mm]	36
Depth [mm]	63
Height [mm]	100
With lock code	No

Degree of protection (IP)	IP20
ETIM - Technical features	
Type of meter	Electronic
Model	Measurement transformer
Approval	Measuring Instruments Directive
Type of indication	Digital
Type of interface	Modbus
EEC40 signature	No
Logistics	
GTIN/EAN	3596033319501
Customs number	9028301100