

Energy meter Conto D4-Pt MID

IM-CE4TBDTMID | EAN. 8032826514418



Product Line

Conto, IME

DESCRIPTION

Conto D4-Pt MID - Energy meter, active MID (cl.B) and reactive (cl.2) Connection: via CT (5A) - Network: three-phase 4-wires unbalanced - Dimension: 4 DIN modules - Output: RS485 - Input (from CT) : 1A-5A - Voltage: 3x230/400V - Aux: self-supplied

PRODUCT CHARACTERISTICS

- Connection with CT up to 5A.
- Communication: Modbus RS 485.
- Double tariff or Pulse input to collect other meter (gas, water, electrical meters).
- MID Certified.

- Bidirectional measure of production and consumption energies.

TECHNICAL CHARACTERISTICS

Type of meter	Electronic	Nominal current (In)	5 A
Max. current (Imax)	63 A	Nominal voltage (Un) N-L (Min-Max)	90-265 V
Nominal voltage (Un) L-L (Min-Max)	156-460 V	Frequency (Min-Max)	49-61 Hz
Accuracy class	B	Pole type	Three conductor/four conductor
Model	Direct measurement	Energy type	Effective power and reactive power
Suitable for	Purchase/supply	Tariff type	Two-tariff
Tariff control	External	Measurement type load profile	No
Escapement mechanism	Yes	Calibrated	Yes
Approval	Measuring Instruments Directive	Pulse output	None
Type of indication	Digital	Mounting method	DRA (DIN-rail adaptor)
Width in number of modular spacings	4	Width	71.2 mm
Depth	66 mm	Height	92.4 mm
Type of interface	RS-485	With lock code	Yes
Number of positions total (counter)	9	Degree of protection (IP)	IP54
Operating / setting temperature (Min-Max)	-25-55 °C	Storage temperature (Min-Max)	-25-70 °C
Voltage type	AC	Terminal marking indication	Yes
Colour	Grey	RAL-number	7035

Halogen free	Yes	Prewired	No
Connection type	Screwed terminal	Terminals capacity (Min-Max)	1-16 mm ²
Label space/information surface	No	Connected object	No

THE PRODUCT'S BENEFITS

Installation

Easy connection of communication thanks to removable connectors. One input connector for double tariff or Pulse input to collect water or gas meters without using added concentrator device.

Usage

Backlit display and simple access to easy reading of data. Pre-visualization of parameters. Settings mode protected by user code
Bidirectional measure of production and consumption energies

Advantages

- Measure of run hours on each tariff.
- Phaseshift measure locally displayed.

DOCUMENTATION

Agreements & specifications

PEP-EPD **LGRP-01746-V01.01-EN** | PDF (908 KB)

Catalogue pages & other

Catalog Commercial Page **3226373** | PDF (16.9 MB)

Trade Guide **PR_CE4TBDTMIDFR** | PDF (321 KB)

Software, firmware and configurator

Software	IME_IDM_CONFIGURATOR_SETUP_2.02.00 1	EXE (14.1 MB)
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Technical documentation

Technical Sheet	IDP000192EN_06_REV	PDF (1.9 MB)
Instruction Use	LE11303FR	PDF (3.2 MB)
Technical Guide	USER MANUAL IDM CONF IME EN	ZIP (4 MB)