



KET-PMM-321.00A

Versius

KET-PMT-414.16

KET-PMM-301

Single-phase energy meter for amperometric transformer

- Including CT
- Measurement of loads up to 80 A, 120 A, 200 A or 300 A
- Measures all power parameters
- ModBUS-RTU protocol

KET-PMM-321.00A is a **single-phase energy meter** with LCD display and integrated keypad, including current transformer.

It is available in 4 versions (see table) for measuring loads up to 80A, 120A, 200A or 300A.

It integrates measurement of power parameters (such as current, voltage, active power, reactive power, frequency, power factor).

It has **ModBUS-RTU** protocol with RS485 interface that can meet communication network management needs.

Technical Features

General specifications	Protection Range: IP20 Operative Temperature: -10 ÷ +55 °C Storage Temperature: -20 ÷ +70 °C Relative Humidity: MAX 95% not condensing
Case	Dimensions: 54 x 88.5 x 74 mm (W x H x D) Mounting: DIN-rail Required DIN modules: 3 DIN modules Electric Board Type: Industrial or switchboard
Ta physical specifications	Dimensions: In base al modello Connections: Terminal block Mounting: Snap closing Cable Diameter: Ø 10 mm (80A); 16 mm (120A); 24 mm (200A); 36 mm (300A)
Power supply	Supply Voltage: Self power: 85 ÷ 265 VAC or 100 ÷ 350 VDC (45-65 Hz) Consumption: =<10 VA Connectors types: Integrated screw terminals
Power meter	Insertion Types: 1-phase 2-wire Connection: CT Current Inputs: 10 A, 20 A, 40 A, 80 A, 120 A, 200 A, 300 A (see model specifications for details) Voltage Inputs: 100, 400 VAC Maximum Rated Current: Overload: 1.2 times the rated current (continuous); 10 times the rated current lasting for 1 second Accuracy: Voltage: 0.2 level Current, Power Active Energy: 0.5 level 0.01Hz Frequency Reactive Energy: 1 level Connections: Integrated screw terminals ESD Protection: AC2kV 1 min between power supply / current input / voltage input and communication; AC2kV 1 min between each pair of combinations among power supply, current input and voltage input. Configuration: By keyboard
Rs485 interface	Supported Protocols: ModBUS RTU Communication Rate: 38400, 19200, 9600, 4800 bps Isolation: >100MO Connectors types: RJ45
Certifications	Referends Standard: EN 61326-1-2013; EN61000-3-2:2019, EN 61000-3-3:2013+A1:2019; EN61010-1:2010 Approvals: CE