

KET-PMM-321.00A

Versius
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.

CODE	DIMENSIONS	RATIO	PRECISION	CABLE DIAMETER	BAR SIZE
KET-PMM-321.80A	23 x 40 x 26 mm (W x H x D)	80/5 A		Ø 10 mm	
KET-PMM-321.120A	32 x 46 x 31 mm (W x H x D)	120/5 A		Ø 16 mm	
KET-PMM-321.200A	46 x 65.4 x 35 mm (W x H x D)	200/5 A		Ø 24 mm	
KET-PMM-321.300A	57.5 x 85.2 x 41.4 mm (W x H x D)	300/5 A		Ø 36 mm	

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

Technical Features	
Power meter	**Insertion Types**: 1-phase 2-wire **Connection**: CT **Current Inputs**: 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