kerberos

Single-phase energy meter up to 80 A

- **MID certificated**
- **Measures all power parameters**
- **ModBUS-RTU protocol**
- **Display LCD**

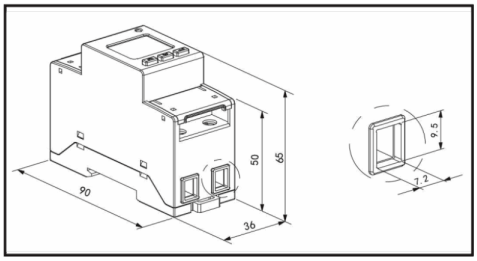
KET-PMM-301

Applications

Monitoring consumption

Versius

KET-PMM-321.00A



The **KET-PMM-301** is a **single-phase energy meter** with LCD display and integrated keypad.
It is particularly suitable for active energy metering and cost allocation in applications up to **80 A** (direct insertion).
Integrates measurement of all power parameters (such as current, voltage, active power, reactive power, apparent power, frequency, power factor, etc.).
It has the **ModBUS-RTU** protocol with RS485 interface to meet communication network management requirements.

Technical Features	
General specifications	**Protection Range**: IP20 **Operative Temperature**: -25 ÷ +55 °C **Storage Temperature**: -40 ÷ +70 °C **Relative Humidity**: MAX 95% not condensing
Case	**Dimensions**: 36 x 90 x 65 mm (W x H x D) **Mounting**: DIN-rail **Required DIN modules**: 2 DIN modules **Electric Board Type**: Industrial or switchboard
Power supply	**Supply Voltage**: Self power, 230 VAC (50 Hz) **Consumption**: Self-consumption <10 VA **Connectors types**: Integrated screw terminals
Power meter	**Insertion Types**: 1-phase 2-wire **Connection**: Direct measurement **Maximum Rated Current**: 10(80)A **Minimum Current**: Imin = 0.5 A **Accuracy**: 1 Class **Connections**: Screw connectors <1.8 Nm **Configuration**: By keyboard
Rs485 interface	**Supported Protocols**: ModBUS RTU **Communication Rate**: 38400, 19200, 9600, 4800 bps **Isolation**: Class II **Connectors types**: Integrated screw terminals
Current and voltage input	**Voltage Inputs**: 75 ÷ 260 VAC **Current Inputs**: 80 A
Certifications	**Referends Standard**: EN50470, IEC61000, EN55022, IEC60068, IEC60529, IEC60695-2-11 **Approvals**: CE, MID