



# Single-phase insertion energy meter up to 60 A



- LCD's Display
- ModBUS-RTU Protocol
- Direct insertion connection method
- Up to 60 A

The **KET-PMM-311** is a new-generation, single-phase, direct-input electricity meter for installation on low-voltage systems. The device, equipped with an LCD display, incorporates measurement, statistics and communication functions, among others. Advantages from which the meter can benefit include, for example, high stability, low power consumption and data storage after a power failure. All meters fulfil the technical requirements for electronic power meters in the IEC62053-21, IEC62053-22 standards. Features **ModBUS-RTU** protocol with RS485 interface to meet network management requirements.

| APPLICATIONS           |
|------------------------|
| monitoring consumption |



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| TECHNICAL FEATURES     |                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GENERAL SPECIFICATIONS | <b>Protection Range:</b> IP20<br><b>Operative Temperature:</b> -25 ÷ +55 °C<br><b>Storage Temperature:</b> -40 ÷ +70 °C<br><b>Relative Humidity:</b> MAX 95% not condensing                                                                                                                                                                                                                                                    |
| CASE                   | <b>Dimensions:</b> 18 x 96 x 70 mm (W x H x D)<br><b>Mounting:</b> DIN-rail<br><b>Required DIN modules:</b> 1 DIN module                                                                                                                                                                                                                                                                                                       |
| POWER SUPPLY           | <b>Supply Voltage:</b> 230 VAC (50 Hz)<br><b>Consumption:</b> Self-consumption <10 VA<br><b>Connectors types:</b> Integrated screw terminals                                                                                                                                                                                                                                                                                   |
| POWER METER            | <b>Insertion Types:</b> 1-phase 2-wire<br><b>Connection:</b> Direct measurement<br><b>Maximum Rated Current:</b> 10(60) A<br><b>Accuracy:</b> 1 Class<br><b>Connections:</b> Screw connectors <4.0 Nm<br><b>Supported Protocols:</b> ModBUS RTU<br><b>Communication Rate:</b> 38400, 19200, 9600, 4800 bps<br><b>Isolation:</b> Class II<br><b>Connectors types:</b> Integrated screw terminals<br><b>Current Inputs:</b> 80 A |
| CERTIFICATIONS         | <b>Referends Standard:</b> IEC62053-21, IEC62053-22                                                                                                                                                                                                                                                                                                                                                                            |

