



## Three-phase energy meter with direct connection display up to 80 A

- Visualization of active and reactive energy
- Large display
- RS485 ModBUS-RTU interface
- DIN rail mounting

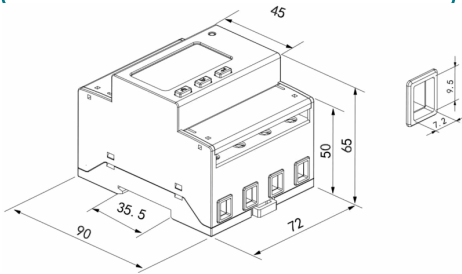
# KET-PMT-228

### Applications

Monitoring consumption

### Versus

KET-PMT-218



**KET-PMT-218** is a direct insertion energy meter for **measuring energy** and the main **electrical parameters** in **industrial** and **civil** environment, with integrated RS485 ModBUS RTU communication.

KET-PMT-218 can be used in all types of control systems, SCADA systems and energy management GIS. It meets the technical requirements for **IEC62053-21** standards. With convenient DIN rail mounting, it is suitable for both industrial and civilian type switchboards.

### Technical Features

General specifications	<b>Protection Range:</b> IP30 <b>Operative Temperature:</b> -25 ÷ +55 °C <b>Storage Temperature:</b> -40 ÷ +70 °C <b>Relative Humidity:</b> MAX 95% not condensing
Case	<b>Dimensions:</b> 90 x 72 x 65 mm (W x H x D) <b>Mounting:</b> DIN rail <b>Required DIN modules:</b> 4 DIN modules <b>Electric Board Type:</b> Industrial or switchboard
Power supply	<b>Supply Voltage:</b> Self power: 230 ÷ 400 VAC (45-65 Hz) <b>Consumption:</b> < 10 VA (single phase) <b>Connectors types:</b> Integrated screw terminals
Power meter	<b>Insertion Types:</b> Three phase, three or four wires <b>Connection:</b> Direct measurement <b>Maximum Rated Current:</b> 10(80)A <b>Minimum Current:</b> I <sub>min</sub> = 0.01 A <b>Accuracy:</b> ±0.2% <b>Connections:</b> Screw connectors <b>Configuration:</b> By keyboard
Rs485 interface	<b>Supported Protocols:</b> ModBUS RTU <b>Communication Rate:</b> 1200÷19200 bps <b>Isolation:</b> Class II <b>Connectors types:</b> Integrated screw terminals
Current and voltage input	<b>Voltage Inputs:</b> 3×100V; 3×380V; 3×400V (3 fili) - 3×57.7/100V; 3×220/380V; 3×230/400V (4 fili) <b>Current Inputs:</b> 3×10(80)A
Digital outputs	<b>Channels:</b> 1 pulse output
Certifications	<b>Approvals:</b> CE <b>Metrology:</b> EN62053-21