



Three phase network analyzer with Display – MID certified

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

KET-PMT-218

Applications

Monitoring consumption

Versus

KET-PMT-414.16

KET-PMT-228

KET-PMT-218 is an energy meter self-power supply for **measuring energy** and the main **electrical parameters** in **industrial** and **civil** environment, with integrated RS485 ModBUS RTU communication.

Certified according to **MID** directive, it can be used for fiscal measurement.

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	Protection Range: IP30 Operative Temperature: -25 ÷ +55 °C Storage Temperature: -40 ÷ +70 °C Relative Humidity: MAX 95% not condensing
Case	Dimensions: 90 x 72 x 65 mm (W x H x D) Mounting: DIN rail Required DIN modules: 4 DIN modules Electric Board Type: Industrial or switchboard
Power supply	Supply Voltage: Self power: 230 ÷ 400 VAC (45-65 Hz) Consumption: < 10 VA (single phase) Connectors types: Integrated screw terminals
Power meter	Insertion Types: Three phase, three or four wires Connection: Current Transformer with secondary max 5 A Maximum Rated Current: 1(6)A Minimum Current: I _{min} = 0.01 A Accuracy: ±0.2% Connections: Screw connectors Configuration: By keyboard
Rs485 interface	Supported Protocols: ModBUS RTU Communication Rate: 1200÷19200 bps Isolation: Class II Connectors types: Integrated screw terminals
Current and voltage input	Voltage Inputs: 3×100V; 3×380V; 3×400V (3 wires) - 3×57.7/100V; 3×220/380V; 3×230/400V (4 wires) Current Inputs: 3×1(6)A
Digital outputs	Channels: 1 pulse output
Certifications	Approvals: CE, MID Metrology: EN62053-21

