Kerberos

KET–PMT–218

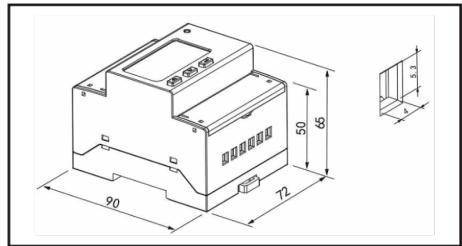### Applications

Monitoring consumption

Versius

KET-PMT-414.16

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 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 **Material**:
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 **Start-up current**: **Maximum rated current**: 1(6)a **Minimum current**: imin = 0.01 a **Accuracy**: ±0.2% **Connections**: screw connectors **Esd protection**: **Configuration**: by keyboard
Rs485 interface	**Channels**: **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 **Voltage output**:
Certifications	**Referends standard**: **Approvals**: ce, mid **Security**: **Metrology**: en62053-21