kerberos

IP30 | RS485 ModBUS | SELFPOWER

KET-PMT-228

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**

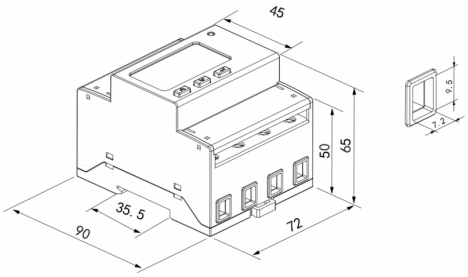
KET-PMT-218 is a direct insertion energy meter for **measuring energy** and the main **electrical parameters** in **industrial** and **civil** environment, with integrated RS485 ModBUS RTU communication.
KET-PMT-218 can be used in all types of control systems, SCADA systems and energy management GIS. It meets the technical requirements for **IEC62053-21** standards.
With convenient DIN rail mounting, it is suitable for both industrial and civilian type switchboards.

Applications

Monitoring consumption

Versius

KET-PMT-218



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**: Direct measurement **Maximum Rated Current**: 10(80)A **Minimum Current**: Imin = 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 fili) - 3×57.7/100V; 3×220/380V; 3×230/400V (4 fili) **Current Inputs**: 3×10(80)A
Digital outputs	**Channels**: 1 pulse output
Certifications	**Approvals**: CE **Metrology**: EN62053-21