kerberos



Panel-mounted, three-phase power meter for current transformers

- **Visualization of active and reactive energy**
- **RS485 ModBUS-RTU protocol**
- **4DI+2DI+Pulse output**
- **Panel-mounting 96x96 mm**

KET-PMT-247

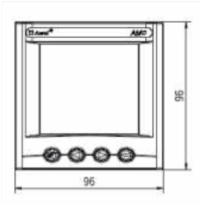
Applications

Monitoring consumption

Accessories

KET-TAA-000.JS

KET-TAA-000.A



KET-PMT-247 is a panel-mounted energy meter for **measuring energy** and main **electrical parameters** in industrial and civil environments, with built-in RS485 ModBUS RTU communication.
It has 4 dry contact digital inputs, 2 relay outputs and 1 pulse output.
Interface with high-brightness **LED/LCD display**, parameter setting and push-button control, ideal for real-time energy monitoring systems. It can directly replace traditional power transmitters and measuring instruments.
The KET-PMT-247 can be used in all kinds of control systems, **SCADA systems** and energy management systems.

Technical Features

General specifications	**Protection Range**: IP20 **Operative Temperature**: -25 ÷ +65 °C **Storage Temperature**: -40 ÷ +80 °C **Relative Humidity**: MAX 93% not condensing
Case	**Dimensions**: 90 x 90 x 77.8 mm (W x H x D); faceplate 96 x 96 mm; cutout 92 x 92 mm **Mounting**: Panel **Electric Board Type**: Industrial or switchboard
Power supply	**Supply Voltage**: 85 ÷ 265 VAC or 24 VDC (±20%) or 48 VDC (±20%) **Consumption**: =<10 VA **Connectors types**: Removable screw terminals
Power meter	**Insertion Types**: Three phase, three or four wires **Connection**: CT **Current Inputs**: 5 A @ 45 ÷ 65 Hz **Voltage Inputs**: 3x57.7/100 VAC (100 V), 3x220/380 VAC (400 V), 3x380/660 VAC (660 V) **Maximum Rated Current**: Overload: 1.2 times the rated current (continuous); 10 times the rated current lasting for 1 second **Accuracy**: Frequency: 0.05Hz | Current, Voltage: 0.2 class | Reactive power: l .0 class | Reactive Electric energy: l .0 class | Active power: 0.5 class | Active electric energy: 0.5 class **Connections**: Removable screw terminals **ESD Protection**: Between Power supply / Switching Output / Current Input / Voltage Input and Transmitting / Communication / Pulse Output / switching input AC 2 kV 1min; Between Power supply, switching output, Current Input, voltage Input AC 2 kV 1min; Between Transmitting, Communication, Pulse Output, switching input AC 1kV 1 min. **Configuration**: By keyboard
Rs485 interface	**Supported Protocols**: ModBUS RTU **Communication Rate**: 38400, 19200, 9600, 4800 bps **Isolation**: >100MO **Connectors types**: Removable screw terminals
Digital inputs	**Channels**: 4 for drycontact
Digital outputs	**Channels**: 2 relay normally open contact outputs (230 VAC/3 A - 30 VDC/3 A); Pulse output: 10000imp/kWh (settable)
Certifications	**Referends Standard**: EN 62368-1-2014+A11:2017; EN61000-3-12:2011, EN 61000-3-3:2013; EN61000-6-1:2007; EN61000-6-3:2007/A1:2011/AC:2012 **Approvals**: CE