# Kerberos

**IP50**  **RS485 ModBUS**

# Multi–channel Power Meter comprising 4 groups of 3 CTs of 100 A
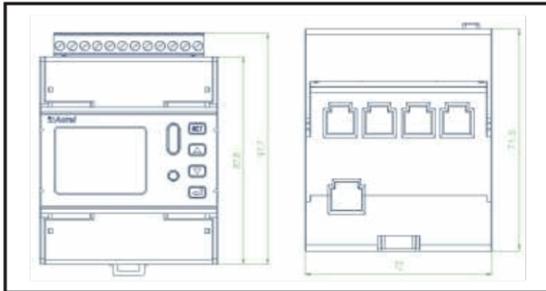
# KET–PMT–414.16

## Applications

Monitoring consumption

## Versius

KET-PMM-321.00A

KET-PMT-218

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

**KET-PMT-414.16** is a multi-channel energy meter that includes four triads of 16 mm current transformers for 100 A loads.
Suitable for measuring the energy and **main electrical parameters** of multiple three-phase circuits, particularly in industrial or civil switchboards with limited space, with integrated **RS485 ModBUS RTU** communication.
The KET-PMT-414.16 can be used in all types of control systems, SCADA systems and energy management systems, also thanks to its two digital inputs/two outputs and pulse output.

| Technical Features | |
|---|---|
| Case | **Dimensions**: 72 x 87.8 x 71.5 mm (W x H x D)<br>**Mounting**: DIN rail<br>**Required DIN modules**: 4 DIN modules<br>**Electric Board Type**: Industrial or switchboard |
| Ta physical specifications | **Dimensions**: 31 x 50 x 36 mm (W x H x D)<br>**Connections**: RJ45<br>**Mounting**: 1.5 m cable<br>**Cable Diameter**: Max 16 mm<br>**Weight**: 0,18 Kg |
| Power supply | **Supply Voltage**: Auxiliary power supply: 85 ÷ 265 VAC/DC<br>**Consumption**: <=10 VA<br>**Connectors types**: Integrated screw terminals |
| Power meter | **Insertion Types**: Three phase, three or four wires<br>**Connection**: TA<br>**Maximum Rated Current**: 100 A<br>**Connections**: RJ45<br>**Configuration**: By keyboard |
| Rs485 interface | **Channels**: 1<br>**Supported Protocols**: ModBUS RTU<br>**Communication Rate**: 1200÷19200 bps<br>**Connectors types**: Integrated screw terminals |
| Digital inputs | **Voltage Inputs**: 3×220/380 VAC<br>**Current Inputs**: 100 A @ 45 ÷ 65 Hz |
| Current and voltage input | **Channels**: 2 for dry contact |
| Digital outputs | **Channels**: 2 in normally open relay mode with a maximum switching voltage of 250 VAC/3 A, 30 VDC/3 A + 1 pulse output |
| Certifications | **Referends Standard**: EN 61326-1:2013; EN IEC 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; (IEC 61000-4-2; -4-3;-4-4;-4-5;-4-6;-4-8;-4-11)<br>**Approvals**: CE |