kerberos

IP50

RS485 ModBUS



KET-PMT-414.16

Multi-channel Power Meter comprising 4 groups of 3 CTs of 100 A

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

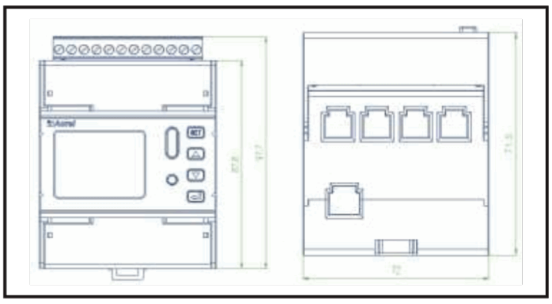
KET-PMT-414.16 is a multi-channel energy meter that includes four triads of 16 mm current transformers for 100 A loads.
Suitable for measuring the energy and **main electrical parameters** of multiple three-phase circuits, particularly in industrial or civil switchboards with limited space, with integrated **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.

Applications

Monitoring consumption

Versius

KET-PMT-218



Technical Features

Case	**Dimensions**: 72 x 87.8 x 71.5 mm (W x H x D) **Mounting**: DIN rail **Required DIN modules**: 4 DIN modules **Electric Board Type**: Industrial or switchboard
Ta physical specifications	**Dimensions**: 31 x 50 x 36 mm (W x H x D) **Connections**: RJ45 **Mounting**: 1.5 m cable **Cable Diameter**: Max 16 mm **Weight**: 0,18 Kg
Power supply	**Supply Voltage**: Auxiliary power supply: 85 ÷ 265 VAC/DC **Consumption**: <=10 VA **Connectors types**: Integrated screw terminals
Power meter	**Insertion Types**: Three phase, three or four wires **Connection**: TA **Maximum Rated Current**: 100 A **Connections**: RJ45 **Configuration**: By keyboard
Rs485 interface	**Channels**: 1 **Supported Protocols**: ModBUS RTU **Communication Rate**: 1200÷19200 bps **Connectors types**: Integrated screw terminals
Digital inputs	**Voltage Inputs**: 3×220/380 VAC **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) **Approvals**: CE