



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
VERSIONS
KET-PMT-218



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TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP50 Operative Temperature: -20 ÷ +60 °C Storage Temperature: -40 ÷ +70 °C Relative Humidity: MAX 95% not condensing
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 Material:
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 Bar Size: Material: 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 Start-up Current: Maximum Rated Current: 100 A Minimum Current: Accuracy: Connections: RJ45 ESD Protection: Configuration: By keyboard
RS485 INTERFACE	Channels: 1 Supported Protocols: ModBUS RTU Communication Rate: 1200÷19200 bps Isolation: Connectors types: Integrated screw terminals
DIGITAL INPUTS	Channels: 2 for dry contact Digital Inputs:
CURRENT AND VOLTAGE INPUT	Voltage Inputs: 3x220/380 VAC Current Inputs: 100 A @ 45 ÷ 65 Hz
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 Voltage 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 Security: Metrology:

