

KET-PLC-200



ModBUS Logic Controller

- PLC for X-Monitor networks
- Digital and analogue I/O
- RS485 ModBUS master or slave

- DIN rail mounting

The **KET-PLC-200** suitable for the management of domotics scenarios and for **refrigeration** and **air conditioning** applications.

It has a considerable number of inputs and outputs that allow for a flexible, modular and expandable network of control devices.

The KET-PLC-200 has **two RS485 communication ports**, ModBUS master or slave, which allow it to be integrated with the other devices of the X-Monitor network.

The installation is foreseen on DIN rail, in a control panel.



APPLICATIONS

monitoring consumption
Building management system
Data Centres and racks
Thermoregulation



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TECHNICAL FEATURES

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|------------------------|---|
| GENERAL SPECIFICATIONS | Protection Range: Front: IP40; Screw Terminals: IP20 Operative Temperature: -10 ÷ +60 °C Storage Temperature: Relative Humidity: MAX 95% not condensing |
| CASE | Dimensions: 71 x 135 x 60 mm (W x H x D) Mounting: DIN-rail Required DIN modules: 4 DIN modules Electric Board Type: Industrial or switchboard Material: Self extinguishing: UL 94 V-O |
| POWER SUPPLY | Supply Voltage: 24 VAC (50-60 Hz), 35 VA max or 20 ÷ 30 VDC Consumption: < 12 W Connectors types: Removable terminals |
| UPS | Battery Type: SuperCap for internal clock function maintenance Approximate Battery Life: Keep watch data in the event of power failure for 3 days when the battery is fully charged |
| DATALOGGER FUNCTION | Memory Type: Flash 256 KB; RAM 4 KB Data Storage Capacity: |
| RS485 INTERFACE | Supported Protocols: Master or slave ModBUS RTU Communication Rate: 100 Kbit/s Isolation: Non optoisolated Connectors types: Removable terminals |
| DIGITAL INPUTS | Channels: Digital Inputs: 9 optoisolates at 24 VAC / DC of which 2 up to 2 KHz and 7 at 50-60 Hz |
| ANALOG INPUTS | Channels: Analog Inputs: 9 of which 6 for probes PTC / NTC / Pt 1000 / transducers 0-20 mA / 4-20 mA / 0-5 V ratiometric / 0-10 V and 3 for probes PTC / NTC / Pt 1000 Precision: Resolution: 0.1 °C for probes PTC / NTC / Pt 1000; 0.01 mA for transducers 0-20 mA / 4-20 mA ; 0.01 V for transducers 0-10 V |
| ANALOG OUTPUTS | Output Type: 6 non-optically isolated outputs: 2 of type PWM / 0-10 V; 2 of type 0-20 mA / 4-20 mA / 0-10 V; 2 of type 0-10 V |
| RELE' OUTPUTS | Channels: 7 of type SPST and 2 of type SPDT Voltage Output: 250 VAC Maximum Rated Current: 3 A Isolation: Non optoisolated |
| CERTIFICATIONS | Referends Standard: Approvals: CE Security: Metrology: |

