



## ModBUS Logic Controller

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

## KET-PLC-200

### Applications

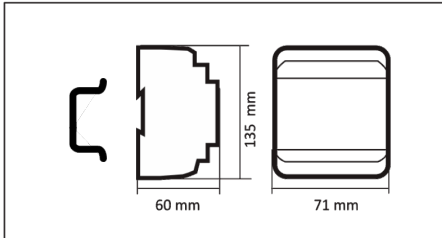
Monitoring consumption

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.



### Technical Features

General specifications	<b>Protection Range:</b> Front: IP40; Screw Terminals: IP20 <b>Operative Temperature:</b> -10 ÷ +60 °C <b>Relative Humidity:</b> MAX 95% not condensing
Case	<b>Dimensions:</b> 71 x 135 x 60 mm (W x H x D) <b>Mounting:</b> DIN-rail <b>Required DIN modules:</b> 4 DIN modules <b>Electric Board Type:</b> Industrial or switchboard <b>Material:</b> Self extinguishing: UL 94 V-O
Power supply	<b>Supply Voltage:</b> 24 VAC (50-60 Hz), 35 VA max or 20 ÷ 30 VDC <b>Consumption:</b> < 12 W <b>Connectors types:</b> Removable terminals
Ups	<b>Battery Type:</b> SuperCap for internal clock function maintenance <b>Approximate Battery Life:</b> Keep watch data in the event of power failure for 3 days when the battery is fully charged
Datalogger function	<b>Memory Type:</b> Flash 256 KB; RAM 4 KB
Rs485 interface	<b>Supported Protocols:</b> Master or slave ModBUS RTU <b>Communication Rate:</b> 100 Kbit/s <b>Isolation:</b> Non optoisolated <b>Connectors types:</b> Removable terminals
Digital inputs	<b>Digital Inputs:</b> 9 optoisolates at 24 VAC / DC of which 2 up to 2 KHz and 7 at 50-60 Hz
Analog inputs	<b>Analog Inputs:</b> 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 <b>Resolution:</b> 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	<b>Output Type:</b> 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
Relé' outputs	<b>Channels:</b> 7 of type SPST and 2 of type SPDT <b>Voltage Output:</b> 250 VAC <b>Maximum Rated Current:</b> 3 A <b>Isolation:</b> Non optoisolated
Certifications	<b>Approvals:</b> CE