kerberos

IP20 | RS485 ModBUS | UPS



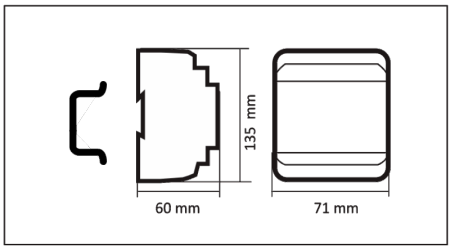
# ModBUS Logic Controller

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

# KET-PLC-200

## Applications

- Monitoring consumption
- Building management system
- Data center
- Thermoregulation




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 | **Protection Range**: Front: IP40; Screw Terminals: IP20<br>**Operative Temperature**: -10 ÷ +60 °C<br>**Relative Humidity**: MAX 95% not condensing |
| Case | **Dimensions**: 71 x 135 x 60 mm (W x H x D)<br>**Mounting**: DIN-rail<br>**Required DIN modules**: 4 DIN modules<br>**Electric Board Type**: Industrial or switchboard<br>**Material**: Self extinguishing: UL 94 V-O |
| Power supply | **Supply Voltage**: 24 VAC (50-60 Hz), 35 VA max or 20 ÷ 30 VDC<br>**Consumption**: < 12 W<br>**Connectors types**: Removable terminals |
| Ups | **Battery Type**: SuperCap for internal clock function maintenance<br>**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 |
| Rs485 interface | **Supported Protocols**: Master or slave ModBUS RTU<br>**Communication Rate**: 100 Kbit/s<br>**Isolation**: Non optoisolated<br>**Connectors types**: Removable terminals |
| Digital inputs | **Digital Inputs**: 9 optoisolates at 24 VAC / DC of which 2 up to 2 KHz and 7 at 50-60 Hz |
| Analog inputs | **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<br>**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<br>**Voltage Output**: 250 VAC<br>**Maximum Rated Current**: 3 A<br>**Isolation**: Non optoisolated |
| Certifications | **Approvals**: CE |