kerberos

IP20 | RS485 ModBUS | UPS



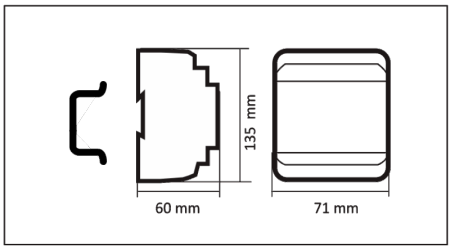
ModBUS Logic Controller

- **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 **Operative Temperature**: -10 ÷ +60 °C **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
Rs485 interface	**Supported Protocols**: Master or slave ModBUS RTU **Communication Rate**: 100 Kbit/s **Isolation**: Non optoisolated **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 **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	**Approvals**: CE