



KET-PLC-200

Applications

Monitoring consumption

Building management system

Data centres and racks

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** is 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

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: