kerberos



KET-RMB-211

Applications

- Monitoring consumption
- Building management system
- Data center
- Smart city
- Accounting
- Thermoregulation

Accessories

- KET-ANT-203
- KET-ANT-300.S
- KET-ANT-204

Master ModBUS RTU Wireless

- **Manages up to 32 ModBUS RTU slave devices**
- **Extended radio range**
- **Compact size**
- **Wall or DIN rail mounting**

The **KET-RMB-211** can handle up to 32 **ModBUS RTU** slave devices connected to its RS485 port. The device can be programmed to read a set of registers and send them to the Gateway.
The **integrated Repeater** functionality reduces the number of required nodes and **increases network reliability**.
Is equipped with an extended radio range that allows to reach over **1000 m** in free air.
The standard antenna connector supports 90° joint antennas or cabled ones for placement outside the electrical panel.
Maximum flexibility of power supply, direct from the mains or low voltage, both DC and AC.
Format suitable for mounting in electrical panel on DIN-rail.

Technical Features

General specifications	**Protection Range**: IP50 **Operative Temperature**: -20 ÷ +60 °C
Case	**Dimensions**: 53,5 x 110 x 61 mm (W x H x D) **Mounting**: DIN rail or Wall mounting with supplied supports **Required DIN modules**: 3 DIN modules **Electric Board Type**: Industrial or switchboard **Material**: Blend PC/ABS sel extinguishing UL94-VO
Power supply	**Supply Voltage**: 12 ÷ 24 VDC, 12 ÷ 20 VAC; 230 VAC with integrated power supply **Consumption**: < 1.5 W @ 12 ÷ 20 VAC / < 1.5 W @ 12 ÷ 24 VDC / < 1.5 W @ 230 VAC **Connectors types**: Screw terminal
Rs485 interface	**Supported Protocols**: Master ModBUS RTU with 32 slave **Connectors types**: Screw terminal
Radio module	**Supported Protocols**: X-Monitor Protocol (X-MP) / IEEE 802.15.4 / ZigBee™ Pro 2.0 **Radio Frequency**: 2.4 GHz ISM Band **Output Power**: +3 ÷ +20 dBm **Sensitivity**: -104 dBm **Antenna Type**: RPSMA connector, 90° antenna supplied **Max Distance (Free Air)**: Over 1000 m
Functionality	**Radio Signal Indicator**: Integrated (LinkQuality) **Output Power Adjustment**: From local keyboard and remotely **Firmware Upgrade**: Via radio