



KET-RMB-211

Applications

- Monitoring consumption
- Building management system
- Data Centres and racks
- Smart City
- Accounting

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 Storage Temperature: Relative Humidity:
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-V0
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 Communication Rate: Isolation: 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