



KET-RMB-211.CN.35

Applications

Building management system

Climate control interface for Daikin VRV systems

- Rapid integration of climate control systems
- Wireless Connection

- Standardised ModBUS interface
- Access to diagnostic registers

The **KET-RMB-211.CN.35** climate control interface is a versatile **protocol converter for VRV Daikin systems** equipped with **Daikin Modbus Interface DIII EKMBDXB7V1** control unit, designed for rapid and straightforward integration between air conditioning control units and higher-level control systems such as **BMS, BEMS, SCADA, PLC, Gateways**, etc.

This intelligent device offers a **standardized ModBUS interface** to the controller (master), organizing the system and managed zones on different slaves while maintaining a uniform control structure for all. This architecture significantly simplifies the integration process. The consistency in the structure of control and monitoring registers within the KET-RMB series ensures uniform management of different air conditioning systems.

The **amplified wireless connection** with **IEEE 802.15.4 protocol** allows for remote installation of the interface in secondary panels, eliminating the need for costly and complex wiring, leveraging the benefits of **wireless** communication for greater installation flexibility.

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: modbus rtu master for managing a single control unit Communication rate: Isolation: Connectors types: screw terminal
Radio module	Supported protocols: x-monitor protocol (x-mp) / ieee 802.15.4 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 User menu: Support for public environment:
Compatibility	Control unit: daikin modbus interface diii ekmbdxb7v1 Brand: daikin Controlled units: indoor vrv units