KET-RMB-211.CN.35



APPLICATIONS
Building management system



Climate control interface for Daikin VRV systems

• Rapid integration of climate control systems

• Wireless Connection

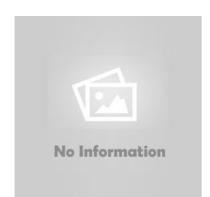
Standardised ModBUS interface

· 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 **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-VO	
POWER SUPPLY	Supply Voltage: 12 \div 24 VDC, 12 \div 20 VAC; 230 VAC with integrated power supply Consumption: < 1.5 W @ 12 \div 20 VAC / < 1.5 W @ 12 \div 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	



10/07/2025