KET-RMB-211.CN.42

APPLICATIONS

Building management system

MAGGIORI CONTENUTI ONLINE

Climate control interface for VRF, ATW, water module systems

• **Rapid integration of climate control systems**
• **Wireless Connection**
• **Standardised ModBUS interface**
• **Access to diagnostic registers**

The **KET-RMB-211.CN.42** climate control interface is a versatile **protocol converter for VRF, ATW, water module systems** equipped with a **Hisense HCPC-H2M5C** 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-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**: 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**: Hisense HCPC- H2M5C **Brand**: **Controlled Units**: VRF, ATW, water module

No Information

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