

Air Condition Control Module



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Advanced Technology Module that install near the unit itself to save the cost of long wiring to the ordinary Thermostat and replace the ugly thermostat in the wall, it is bus enabled and controlled by the SB-DLP panel that have built in temp sensor and Air condition control.

The Air condition Module can control Single and Multi stage Units (Heat, Cool, Fan low, High, Medium, VAV 0-10VDC) that Handle FCU, AHU, VAV Systems

Can be used in any location that require energy saving, and smart climate control such as Convention Center, Hotel, Shopping Mall, Residential Building, Banquet Room, Airport, Theme Park, Gymnasium, Intelligent Villa, Smart Mansion.

FUNCTIONS & FEATURES :

- 5 channel output: 5A Relay
- All Compressor and fan power 24VAC, 110VAC, 220VAC can be connected to the 5A pass throw Relay
- Fan speed: high, middle low
- mode: Cooling, heating, Humidifier , dehumidifier
- Control Single or multi stage compressor.
- Safety Compressor running sequence.
- Safety operation ON, OFF for compressors and fans
- analog fan interface VAV can be set from 0-10V DC depend on fan speed
- Bus enabled that save your wiring of normal thermostat.

TECHNICAL SPECIFICATIONS:

Power Input:

DC 8-32V DC from Bus

Power Consumption:
35mA /DC24V

Output channels
5 Relay 5A, 1 output 0-10 VDC

Working Temperature:
0°C ~ +45°C

Working Relative Humidity: 20% - 90%

Storage Temperature:
-40°C - +55°C

Storage relative humidity: 10% - 93%

Installation :

Standard 35mm rail mounting

Communication:
Smart-BUS