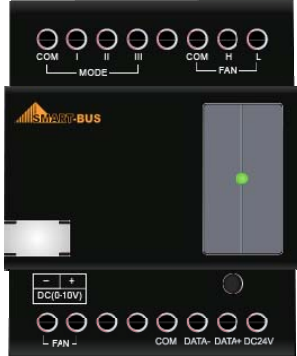


Concept: Smart-Bus Automation
Category: Air Condition

Air condition control Module
 Air Condition Control Module



Description

Air Condition Control Module

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.

Available Accessories

Page Related To

Model	Part #
SB-DN-HVAC	DN-HVAC

Features	Specifications
<ul style="list-style-type: none"> 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. 	<p>Power Input: DC 8-32V DC from Bus</p> <p>Power Consumption: 35mA /DC24V</p> <p>Output channels 5 Relay 5A, 1 output 0-10 VDC</p> <p>Working Temperature: 0°C ~ +45°C</p> <p>Working Relative Humidity: 20% - 90%</p> <p>Storage Temperature: -40°C - +55°C</p> <p>Storage relative humidity: 10% - 93%</p> <p>Installation : Standard 35mm rail mounting</p> <p>Communication: Smart-BUS</p>

Applications	Dimensions
<ul style="list-style-type: none"> - homes, Apartment, offices - Mall, Cinema, showrooms -Hotel, restaurant 	Front: 72x88x66(mm)

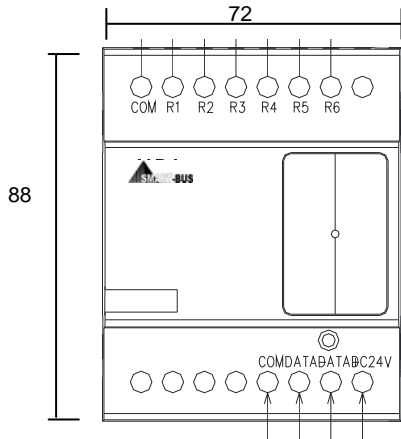
Brief Specification
DIN-Rail bus enabled, single and Multi stage heat cool, 3 fan speed, VAV 0-10 V control all in 1 module save your wiring cost

Required With	Pre-Requisite
Use 8-32V DC Power supply 25mA/DC24V	Smart DLP Panel SB-DLP or SB-DLP5-GRMS

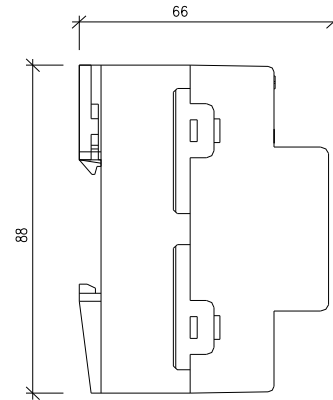
Wiring Instruction
Daisy Chain, Bus Wiring Topology, Use Cat5e Twisted

Air condition control Module	Model #	HDL Part #
Air Condition Control Module		MAC01.231

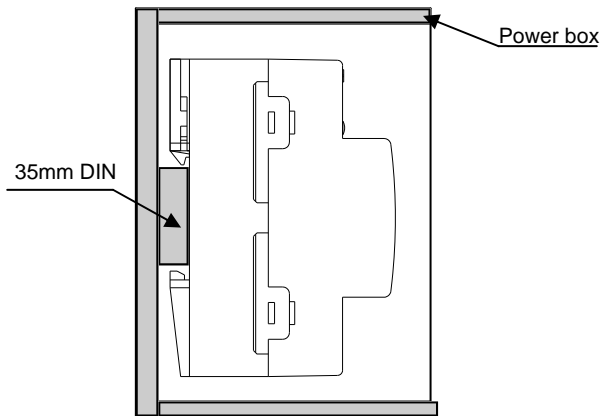
Product Details and Sizes



Front View



Side View



35mm DIN rail mounting (8P)

Engraving	Net Weight	Box Size	Gross Weight

Connection Diagram

