Description

SB-DN-HMIX12 Hotel room control module is a multifunctional device, with relay, dimming, analog signal output functions. by working with intelligent lighting system, it able to realize intelligent control of electronic appliances, lamps(including dimmable fluorescent) curtain in the hotel room, including panel control, IR control, Timer control, environment detection automatic control, remote control etc.

Environment Conditions

Working Temperature: 0℃~45℃

Working Relative Humidity: 20%~90%

Storage Temperature: -40℃~+55℃

Storage Relative Humidity: 10%~93%

Protection grade：2.0

Features

. 2 Ch dimming output

. 8 Ch relay output.

. 1 Ch DC0~10V control signal output, for dimmable ballast control

. 1 Ch curtain motor control

. 485 Bus communication

Performance Parameters

. Working Voltage： DC24V

. Bus Power Consumption

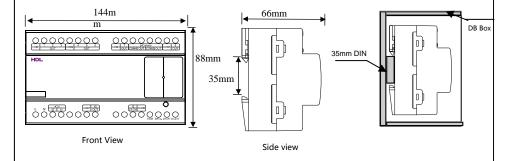   Static power consumption: 20 mA/DC24V

   Dynamic power consumption: 200 mA/DC24V

. Signal interface：HDL - BUS

. Installation: 35mm Din-rail

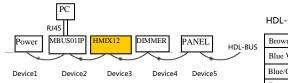. Size: 144mm×88mm×66mm

Installation Dimension

Front View

Side view

Installation Requirement

For protection of the load devices, a proper MCB must be connect to input circuit, and then input the power supply.

power cables for relay channel output：2.5mm^2 copper wire

cables for power supply of the module：2.5mm^2 copper wire

Installation position: DB Box

System Connection Diagram

Hind-in-Hand connection is recommended

HDL-BUS Definition

Brown White/ Orange White	COM
Blue White /Green White	DATA-
Blue/Green	DATA+
Brown/ Orange	DC24V

Features and Wiring Installation

. 1-8 channel, 8ch AC220V relay output, among which, 1-7ch 5A output, ch8,10A output.

. Ch 9 is curtain motor control channel

. 10-11ch is for dimming, each 2A.

. Ch 12 is 10A, DC0～10V control signal output, used for control dimmable ballast of fluorescent, together with 220V relay channel

Packing List

SB-DN-HMIX12   1 PC

Installation Manual   1 PC

Safety and Maintenance

Read All Instructions in detail before use

Make sure good Ventilation Environment

Pay Attention to Water-proof, shake-proof and dust-proof when using

Non-Rain, Non-Contact with other liquids or corrosive gases

Should be dried in time if invaded by water or liquid

Contact Professional maintenance staff or HDL company when Product has problem