## Features

HDL-MHR2402.232 Hotel room relay Module, Totally have 24 Channel. This module need to work with SB-DN-48HNET Hotel Host

- 1~5 channels, ordinary relay output , also for FCU control, like cooling, heating and FAN speeds, recommend channel 1,2,3 for FAN speed, channel 4,5 for cooling and heating valves.
- 6~24 channels, ordinary relay output.
- Each channel for 2 A rated output.

## Important Notes

- Bus cable– Cat5 or HDL Bus/KNX Cable, 0.8mm Single Core Copper cable.
- Connection checking–Check all connection after installation.
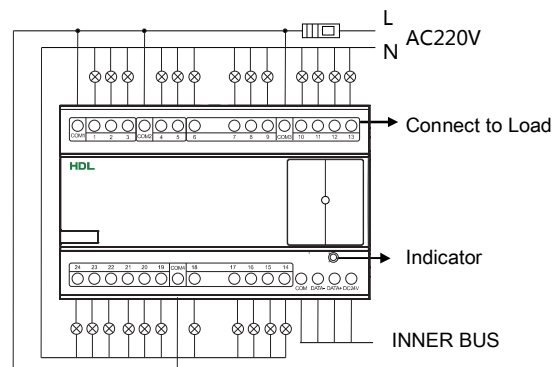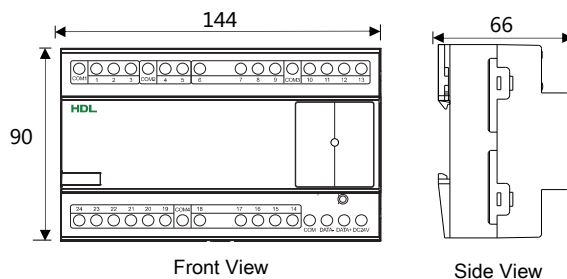- Connect breakers of fuses for relay module.

## Installation Step

- 35mm Din Rail Installation, inside DB Box.
- Make the remark of each channel.
- Connect the load and INNER Bus, Check if there is any short circuit in output connection cable.
- Check the INNER Bus connection, avoid any mistake.
- Make label remark for each output connection cable, separate with high power and low power cable.

## Product Specification

- Working Voltage：DC12~30V
- Static BUS Power Consumption： 25 mA/DC24V
- Dynamic BUS Power Consumption：480 mA/DC24V
- Dimension：144mm×90mm×66mm
- Output : 24 Channel
- Current in each channel: 2A
- Certification : CE
- Working Temperature：0~45℃
- Working Relative Humidity： 40%~90%
- Storage Temperature： -40℃~+55℃
- Storage Relative Humidity： 10%~93%
- Protection Degree: IP20

## Layout and Dimension



Front View

Side View



Indicator : flickering when the module is working fine. Keep pressing for 3 seconds, can be read and modify the start address in the HDL-Hotel Room Intelligent System Manage Software.

Notice: This module only can work with hotel host.

## ⚠ WARNING  Safety  Attention

- Connect breakers of fuses for relay channels
- Screw down strength is less than 0.4Nm
- AC Power Supply Cable：1.5mm$^2$ ~2.5mm$^2$
- Load cable：1.5mm$^2$ ~2.5mm$^2$
- Installation : Inside DB Box
- Do not make wrong connection on INNER Bus interface, it will damage the Bus interface this module
- Do not get AC240V voltage into Bus wire , it will damage all of devices in system
- Assure a good ventilation circumstances
- Rain, liquid, and aggressive gas are not allowed to close to it