Features

HDL-MD08DSI.232 is a DSI gateway with 8 DSI channels, each channel can be connected with up to 8 DSI ballasts, it comes with scene controller and has a manual control button and LED indicator for each channel.

- Scene controller
- Up to 8 DSI channels, up to 8 DSI ballasts for each channel.
- Up to 8 separate areas
- Max 16 scenes in each area , Max scene running time is 60 minutes.
- Low, high , max threshold for each channel
- It has independent DSI power supply which is isolated from HDL-Bus
- It is optional setting of choosing a preset scene or back to previous scene when power on again after power off
- Support update firmware from HDL-Bus
- Communication : RS485

Important Notes

- Bus cable- HDL Bus/KNX Cable, 0.8mm Single Core Copper cable
- Bus Connection - Series connection (hand by hand)
- Connect ion checking–Check all connection after installation
- Output channel– Up to 8 ballasts
- There are no polar require for D1,D2
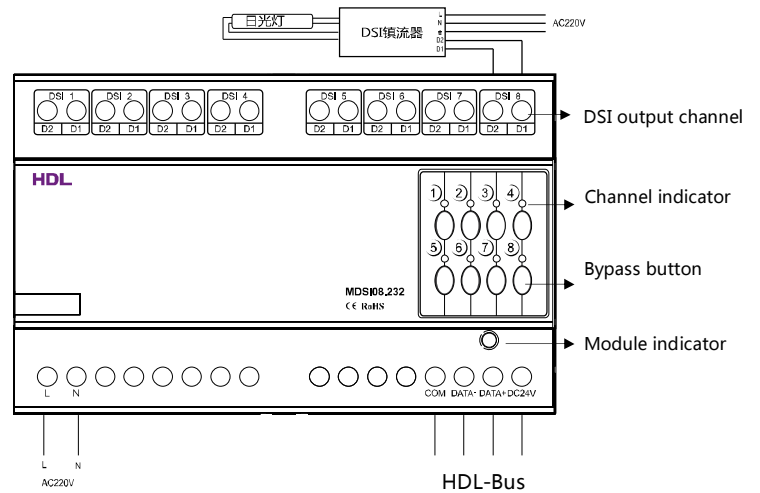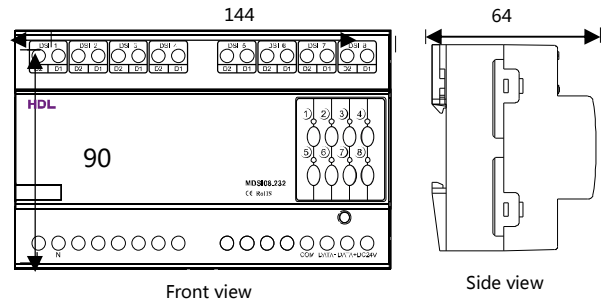- Ballast type– DSI

Installation steps

- 35mm Din Rail Installation, inside DB Box
- Connect Load , DSI ballast and HDL Bus cable
- Check the HDL Bus connection to avoid any mistake
- Check the DSI and ballast connection (D1,D2)
- Separate high and low voltage cables

Product Specifications

- Working Voltage : 15-30 V DC
- Power Consumption : 10mA@DC 24V
- DSI power supply : AC220V
- Independent control channels : Up to 8
- DSI terminal ballast : Up to 8
- Total ballast : Up to 64
- Dimensions: : 144mm×90mm×66mm
- Compliance: CE
- IP class: IP20
- Working Temperature : 0~45℃

Type

HDL - MD08DSI.232

Front view

Side view

DSI output channel

Channel indicator

Bypass button

Module indicator

AC220V

HDL-Bus

Remark : Connect all the channels like no.8 channel shown above。

Module indicator : Flicker when the module is working fine. Keep pressing the indicator for 3 seconds, it turns to red color, then it is read and the address of the module can be modified in the HDL BUS Pro set up software.

HDL-Bus Definition for cable

CAT5/CAT5E	Bus	HDL Bus/KNX Cable
Brown white/ Orange white	COM	Black
Blue white /Green white	DATA-	White
Blue/Green	DATA+	Yellow
Brown/ Orange	DC24V	Red

⚠ WARNING *Safety Attention*

- Screw down strength is less than 0.4Nm
- DSI wire requirement : 0.75mm^2 ~1.5mm^2
- Installation Position: Distribution Box (DB)
- Do not get AC voltage into Bus wire , it will damage all of devices in system
- Do not get AC voltage into DSI terminals
- Make sure the device work in a well-ventilated environment.
- Rain, liquid, and aggressive gas are not allowed to close to it