

## Features

HDL-MSD08.40, 8 channels Dry contact input module with tamper proof function.

- 8 channels Dry Contact Input with tamper detection function
- Support Switch type : Mechanical Switch ,Single On ,Single Off, Single On/Off , Combination On, Combination Off, Combination On/Off, Multi-function, Parallel switch
- Support switch mode: Switch mode, Dimmable two-way, dimmable increase, dimmable reduced.
- Control Target type : Scene, Sequence, Universal Switch, Single channel lighting control, Broadcast Scene, Broadcast channel, Curtain Control, Panel Control, GPRS control, Security Module, TT player etc ,
- Tamper-proof, need 1K Ohm resistor in parallel to dry contact
- Security warning function, need to be used with the security module
- Support Online Upgrading by HDL-BUS

## Important Notes

- Bus cable- HDL Bus/KNX Cable, 0.8mm Single Core Copper cable
- Dry Contact Signal Cable - recommend shielded type cable , less than 50 meters
- Bus Connection - Series connection (hand by hand)
- Tamper-proof - need 1K Ohm resistor in parallel to dry contact

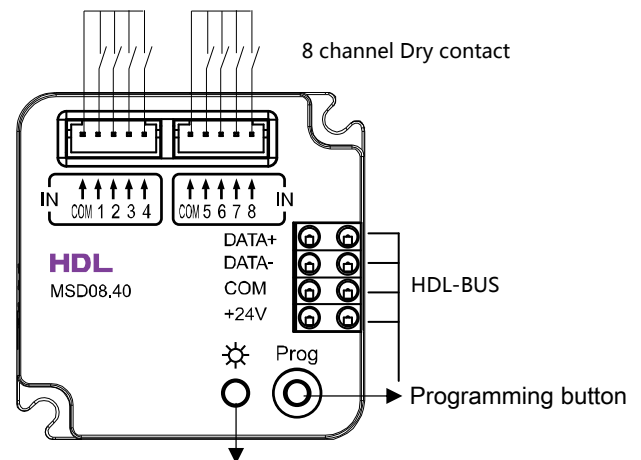
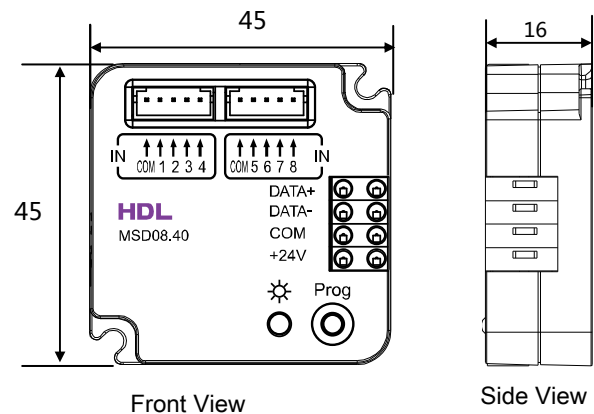
## Product Specification

- Working Voltage : DC12-30V
- BUS Power Consumption : 15mA/DC24V
- Dimension : 45mm×45mm×16mm
- CE Certification
- Working Temperature : 0~45°C
- Working Relative Humidity : 20%~90%
- Storage Temperature : -40°C~+55°C
- Storage Relative Humidity : 10%~93%
- Protection Degree: IP20

## HDL-Bus Definition for cable

| Bus   | HDL Bus/KNX Cable |
|-------|-------------------|
| COM   | Black             |
| DATA- | White             |
| DATA+ | Yellow            |
| DC24V | Red               |

## Layout and Wiring



CPU working indicator:

Green flashing when it is working fine

Red for modification ID

Red flashing for online upgrading firmware.

Programming button:

Keep pressing for 2s, enable modify the ID

Keep pressing the button when power on , enable online upgrading firmware form HDL BUS.



## Safety Attention

- Do not make wrong connection on Bus interface, it will damage the Bus interface this module
- Do not get AC240V voltage into Bus wire and Dry input port, it will damage all of devices in system
- Rain, liquid, and aggressive gas are not allowed to close to it