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Features

HDL-MSD04.40, 4 channels dry contact input module, with tamper proof and 4 LED driver

- 4 channels Dry Contact Input and 4 channels LED output
- 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, up/down dimming, up dimming, down dimming
- 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.
- Security warning function, need to be used with the security module
- Tamper-proof, need 1K Ohm resister in parallel to dry contact
- Support Online Upgrading from 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)
- Only support single LED to connect this module indicate the status of each dry input

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

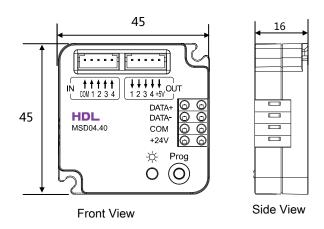
Storage Relative Humidity: 10%~93%

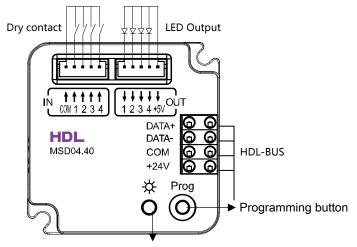
Protection Class: IP20

HDL-Bus Definition for cable

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

Layout and Wiring





CPU working indicator,

Green flashing when it is working fine

Red enable modification ID

Red flashing enable online upgrading firmware.

Programming button:

Keep pressing for 2s,enable modification the ID

Keep pressing the button when power on , enable on line upgrading firmware from 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