

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

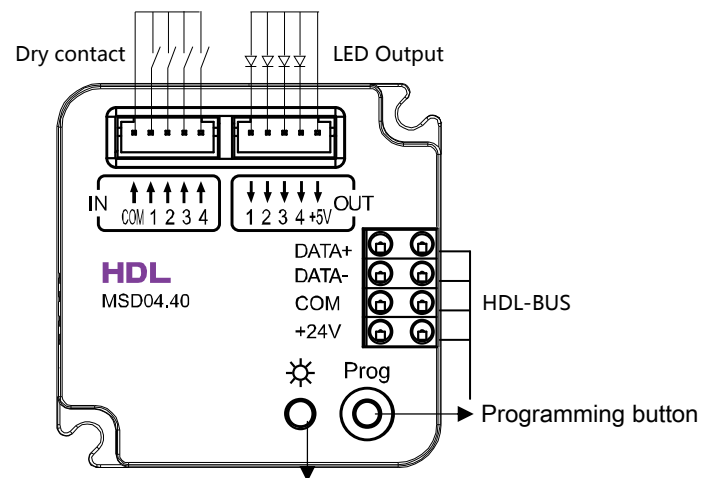
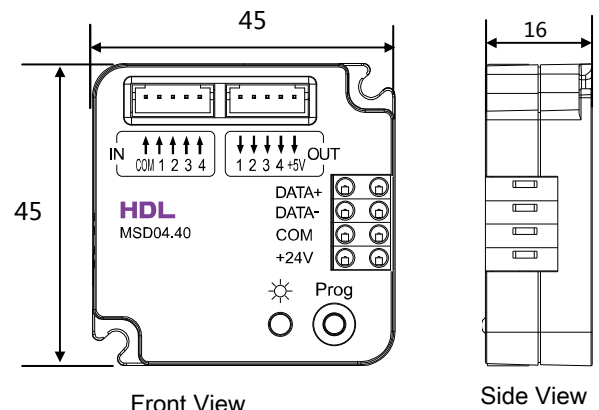
Product Specification

- 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
COM	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