

Parameters

Electric Parameters:	
BUS power supply	DC12-30V
BUS power consumption	10mA/DC24V
Environmental Conditions:	
Working temperature	0°C~45°C
Working relative humidity	Up to 90%
Storage temperature	-20°C~+60°C
Storage relative humidity	Up to 93%
Approved	
CE	
RoHS	
Production information:	
Dimensions	45×45×16(mm)
Weight	57(g)
Housing material	ABS
Installation	Screw fix installation
IP Protection	IP20

Important Notes

- Bus cable — HDL-Bus/KNX Cable, 0.8mm single-core copper cable
- Dry contact signal cable — Recommend shielded cable, less than 50 meters
- Bus connection — Series connection (hand-in-hand)
- Temper-proof — Need 1 kΩ resistor in parallel to dry contact
- Only support single LED to connect this module indicate the status of each dry input

HDL-Bus Definition for Cable

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

Overview

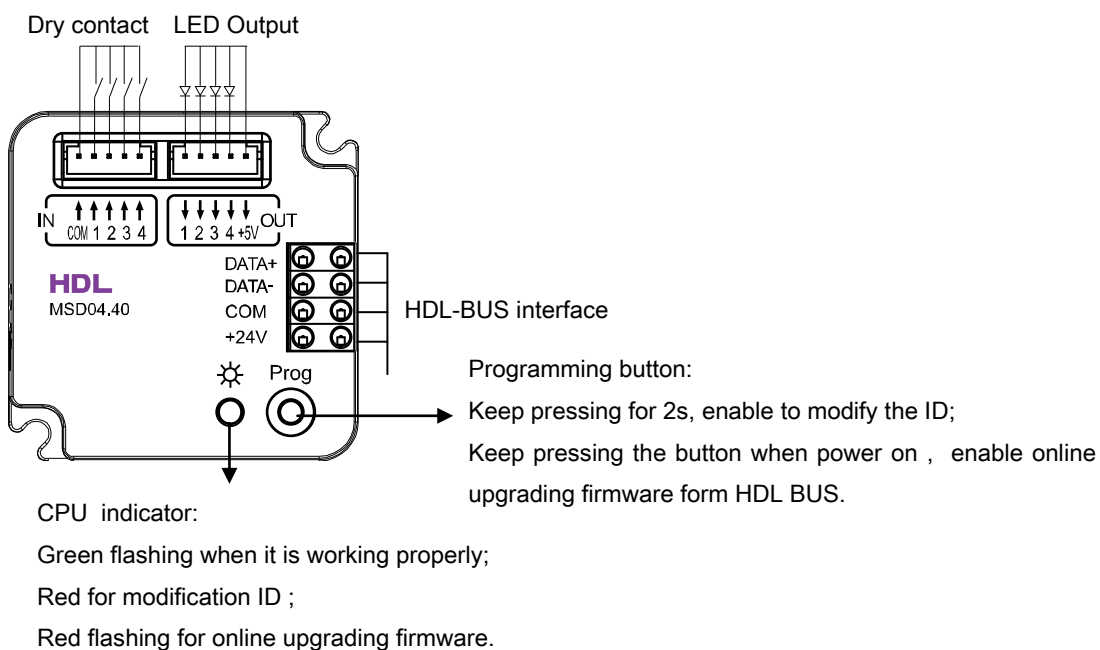
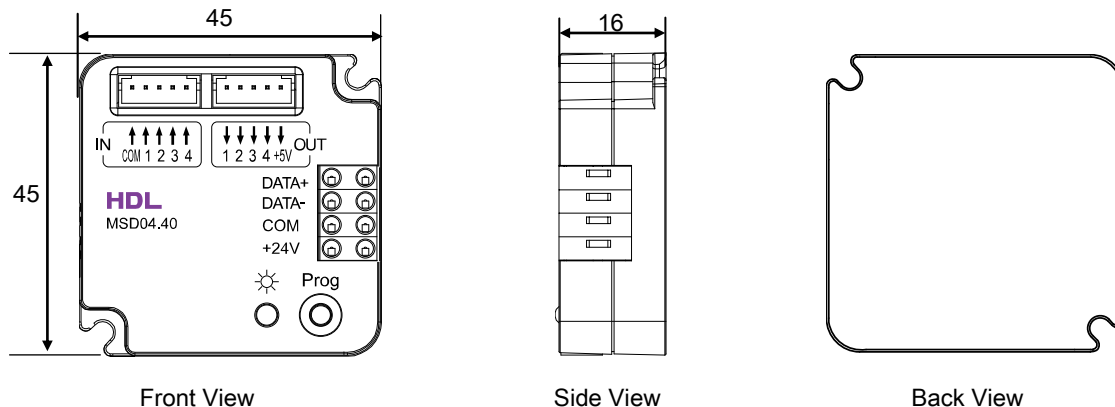


HDL-MSD04.40 4-channel Dry contact input module with tamper proof and 4 LED function.

Functions

- 4-channel dry contact input with tamper detection.
- Supported Switch type : Mechanical Switch ,Single On ,Single Off ,Single On/Off , Combination On, Combination Off, Combination On/Off, Multi-function, Parallel switch.
- Supported 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 function, need to be used with the security module.
- Supports online upgrading by HDL Bus.

Dimensions and Wiring



Safety attention



- The screw down strength is should not exceed 0.1Nm
- Do not make wrong connection on Bus interface, it will damage the Bus interface of this module
- Do not get AC power into Bus wire , it will damage all devices in the system
- Avoid contact with liquids and corrosive gases.

