Parameters

Electrical Parameters:

Buspro power supply	DC12-30V
Buspro power consumption	10mA/DC24V

Environmental Conditions:

Working temperature	-5℃~45℃
Working relative humidity	Up to 90%
Storage temperature	-20℃~+60℃
Storage relative humidity	Up to 93%

Approved

CE
RoHS

Product Information:

Dimensions	45×45×16(mm)
Weight	45(g)
Housing material	ABS
Installation	Screw fix installation
IP Protection	IP20

Important Notes

- Buspro cable — HDL Buspro/KNX Cable, 0.8mm single- core copper cable
- Dry contact signal cable — Recommend shielded cable, less than 50 meters
- Buspro connection — Series connection (hand by hand)
- Temper-proof — Need 1 kΩ resister in parallel to dry contact

HDL Buspro Definition for Cable

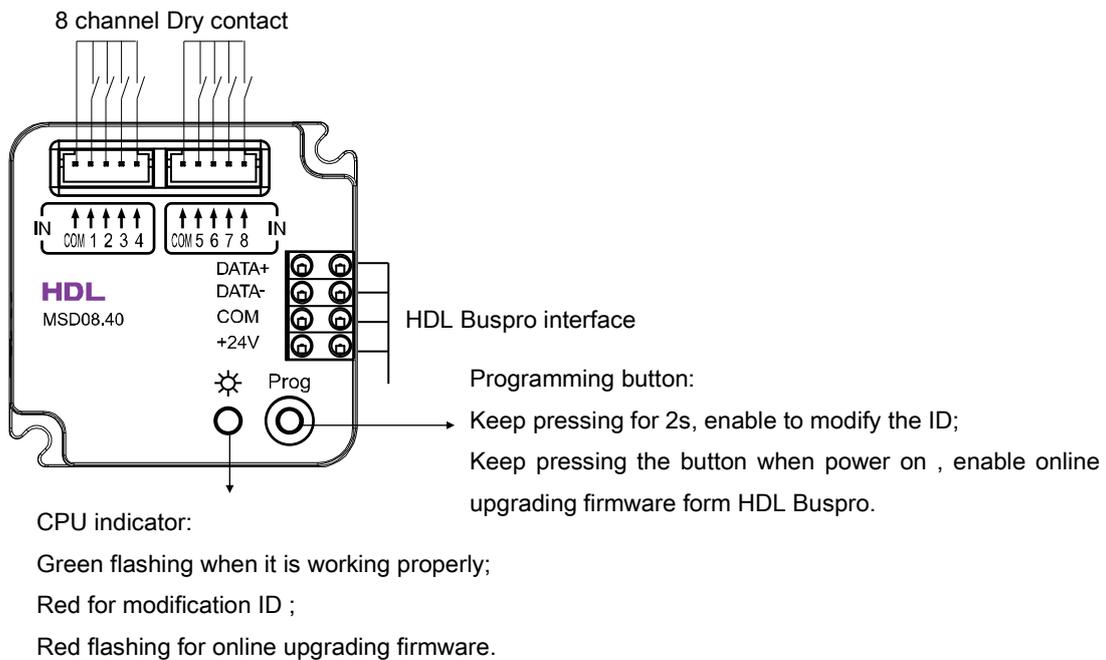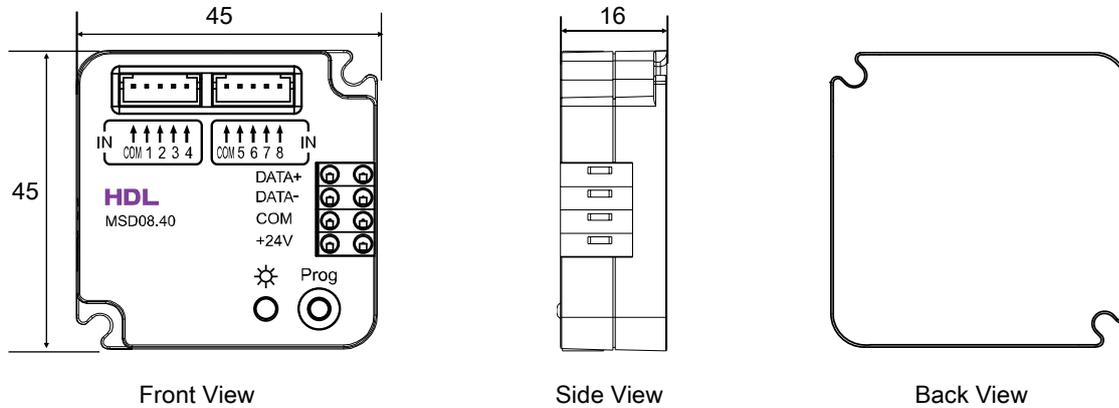| HDL Buspro	HDL Buspro/KNX
DC24V	Red
COM	Black
DATA-	White
DATA+	Yellow

Overview

HDL-MSD08.40 8-channel dry contact input module with tamper proof function.

Functions

- 8-channel dry contact input with tamper detection function.
- Supported switch type: Mechanical switch, Single on, Single off, Single on/off, Combination on, Combination 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 resister in parallel to dry contact.
- Security function, need to be used with the security module.
- Supports online upgrading by HDL Buspro.

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Dimensions and Wiring

Front View

Side View

Back View

8 channel Dry contact

HDL Buspro interface

Programming button:

Keep pressing for 2s, enable to modify the ID;

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

CPU indicator:

Green flashing when it is working properly;

Red for modification ID ;

Red flashing for online upgrading firmware.

Safety Precautions ⚠ WARNING

■ The screw down strength should not exceed 0.1Nm.

■ Do not make wrong connection on Buspro interface, it will damage the Buspro interface of this module.

■ Do not get AC power into Buspro wire , it will damage all of devices in the system.

■ Avoid contact with liquids and corrosive gases.

Packing List

■ Datasheet ×1

■ Dry contact sensor （HDL-MSD08.40) ×1

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