

# Partial Manual Dry Contact Sensors

# Configuration of dry contact inputs

(extrait of User Manual HDL-MSD08.40/MSD04.40)

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# 4.2 Configuration

)evice	1-13-HD	L-MSD04.40 (YY 1	VISD04.4	n 💌	Current	status	N/A	Curr	ent mode	Switch mode		Setting For Keys
ent switch	n No.	1			Input t	arget No. from	1	То	5	Continu		Edit switch
tch inform witch No		Mode	Status	Remark Delay(mm.		ormation of the cum		urrent switch				Remark
17045500000	Combination On		N/A	N/A	s) Object	no. Subnet ID	Device ID	Туре	Parameter 1	Parameter 2	Parameter 3	Switch type
		Dimmable two-wa	E	N/A N/A	1		78	Universal switch	21(Switch no.)	On(Switch Status)	N/A	o witch (ype
		Dimmable increa	13353	N/A	2	0	0	Invalid	1	0	N/A	Unqualfiedde
					3	0	0	Invalid	2	0	N/A	Delay time
	Single On	Dimmable reduce	en/a	N/A	-4	0	0	Invalid	1	0	N/A	Delay une
					5	0	0	Invalid	1	0	N/A	Dimming
												Edit larget object Target Dimming setting Low limit

The setting interface is shown above, setting it is same as setting a HDL-BUS panel - select mode for each key, and set targets/objects to each key. Some modes are unique and you cannot find them in HDL-BUS panel, though.

#### 4.2.1 Remark

Remarks of dry contacts, you may make remarks according to the installation places.

#### 4.2.2 Switch type

**Two different Switch types - Momentary and Toggle** You can find two different types of switch from the market. **Toggle Switch** - When pressed, it is on, when released, it is off.



If "Mechanic switch" is selected for this kind of switch, a momentary effect can be produced.



#### Momentary Switch – It is bi-stable switch, you can set it on or off.



Generally select "Mechanic switch" mode for this kind of switch.

## Available modes

Mechanic switch	×
Mechanic switch	
Single On	
Single Off	
Single On/Off	
Combination On	
Combination Off	
Combination On/Off	
Multi-function	
Parallel switch	

#### **Mechanic Switch**

Send out a command (generally the on command, e.g., light on.) when Switch is connected, send out another (generally the off command) when the Switch is disconnected.

#### Single on

Assign the Switch can turn on one object only (one channel, or one scene, or one sequence, etc.)

#### Single off

Assign the Switch can turn off one object only (one channel, or one scene, or one sequence, etc.)

#### Single on/off

Assign the Switch can turn on/off one object only (one channel, or one scene, or one sequence, etc.)

#### **Combination on**

Assign the Switch can turn on multiple objects (channels, scenes, sequence, etc.).



#### **Combination off**

Assign the Switch can turn off multiple objects (channels, scenes, sequence, etc.)

#### **Combination on/off**

Assign the Switch can turn on/off multiple objects (channels, scenes, sequence, etc.)

#### **Multi-function**

Long press – combination off (or dim, if dimming is enabled in the Dry Contact module. Dim the first object only, though.)

Short press - single on/off

Double click - Combination on

This mode can be used in, maybe, meeting, by double-click all the lighting can be on,

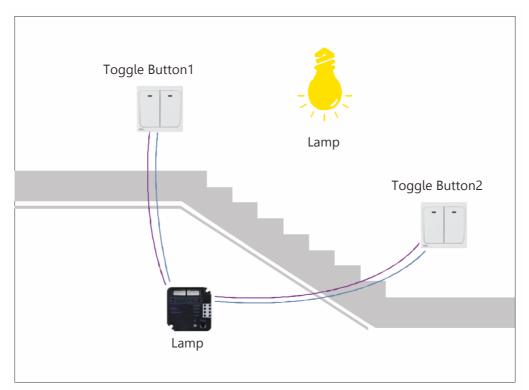
by long-press, all lighting can be off, this can avoid mishandling and so it is more

#### secure. Parallel Switch

This key mode is originally designed for retrofit project where the end-users want to

implement smart system - HDL-BUS, but they want to reserve the existing toggle buttons,

the toggle buttons are to control one public area lighting (e.g., stair lighting) from multiple places



#### Wiring

Connect the two toggle buttons to two different dry contact channels

## Setting

Select "Parallel switch" for both dry contact channels



# 4.2.3 Dimming options

Subnet ID	1 Device ID 13			
Model	HDL-MSD04.40			
odify synchronous	ly .			
vitch mode setup				
Switch No.	Mode			
1	Switch mode			
2	Dimmable two-way			
3	Dimmable increase			
4	Dimmable reduced			
	Switch mode Dimmable two-way Dimmable increase			
	Dimmable reduced			

Each channel can set the mode Switch mode: on/off control Dimmable increase: long press to dim up Dimmable reduced: long press to dim down Dimmable two-way: long press to dim up, long press again can dim down

## 4.2.4 Delay time

emark YY MSD04.40  nohronous modification  "off" delay time  Switch No Status Remark Delay(mm:ss)  4 0N 0.0	
t "off" delay time Switch No Status Remark Delay(mm:ss)	
4 ON 0.0	
4 OFF 0:0	

Just the "Mechanic switch" switch type has the delay time.



# 4.2.5 Dimming

Subnet ID	1	Device ID	13
Remark	YY MSD04.40	Button LED setup	1
ystroke info			
Key no.	Dimming value		
1	Toggle		
2	Toggle		
3	Toggle		
4	Toggle	<b>N</b>	
	Toggle Memory		

Key no. : channel no./ switch no.

## **Dimming value:**

Toggle- when turn on light, the brightness will go to 100% Memory- save the brightness,

when turn on light, the brightness will go to last brightness before turn off