

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,

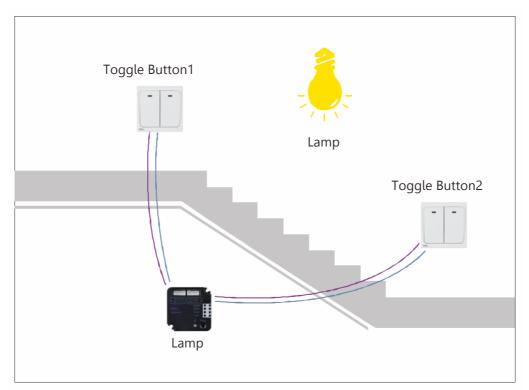
by long-press, all lighting can be off, this can avoid mishandling and so it is more

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	N	
	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