

HDL[®]

**Dry contact sensor
HDL-MSD04.40
HDL-MSD08.40**

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Description

HDL's version 4 Dry Contact modules, 8 channel dry contact module (HDL-MSD08.40) and 4 channel dry contact module (HDL-MSD04.40). It is suitable to be used in a retrofit project where end-user would like to equip HDL buspro smart system but would also like to reserve their existing Switch (normal one).



HDL-MSD04.40



HDL-MSD08.40

Dry contact page

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Dry contact Security setting

ID	Remark	Mode	ON delay (MM:SS)	OFF delay (MM:SS)
1		Mechanical Switch	0:0	0:0
2		Mechanical Switch	0:0	0:0
3		Mechanical Switch	0:0	0:0
4		Mechanical Switch	0:10	0:0

Basic setting

Enable/Disable:

- Dry 1
- Dry 2
- Dry 3
- Dry 4

1

Enable lock:

- Dry 1
- Dry 2
- Dry 3
- Dry 4

2

Min. dimming value setting

Value: 50

3

Setting Targets setting

Save & Close

- 1: Enable/Disable the dry contact inputs.
- 2: If selected, can use panel to lock/unlock this input.
- 3: The lower limit is useful if you would like to skip the low level segment and dim from a certain level.

Configuration

42-10\INPUT

Dry contact Security setting

ID	Remark	Mode	ON delay (MM:SS)	OFF delay (MM:SS)
1		Mechanical Switch	0:0	0:0
2		Mechanical Switch	0:0	0:0
3		Single ON Single OFF	0:0	0:0
4		Single ON/OFF Combination ON Combination OFF Combination ON/OFF Multi-function Parallel switch	0:10	0:0

Basic setting
Enable/Disable:

Dry 1
 Dry 2
 Dry 3
 Dry 4

Enable lock:

Dry 1
 Dry 2
 Dry 3
 Dry 4

Min. dimming value setting

Value:

Setting Targets setting

Save & Close

Configuration

✓ Switch type:

Two different Switch types - Momentary and Toggle

- a) Momentary Switch - When pressed, it is on, when released, it is off
Generally select 'signal on; signal on/off; combination on/off; etc..'
- b) Toggle Switch – It is bi-stable switch, you can set it on or off.
Generally select “Mechanic switch” mode for this kind of switch.



Configuration

✓ Setting:

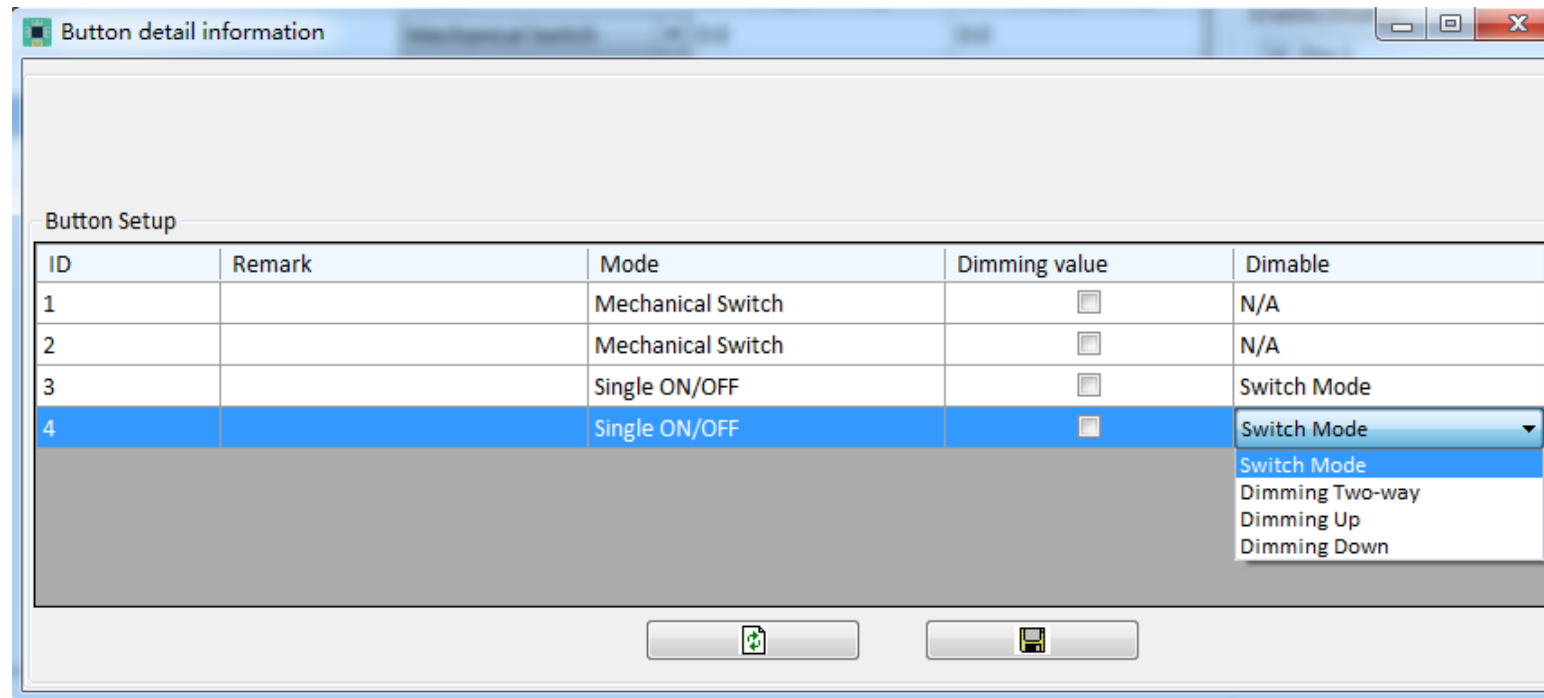
Set the dimming mode for each channel

Switch mode: on/off control

Dimmable increase: long press to dim up

Dimmable reduced: long press to dim down

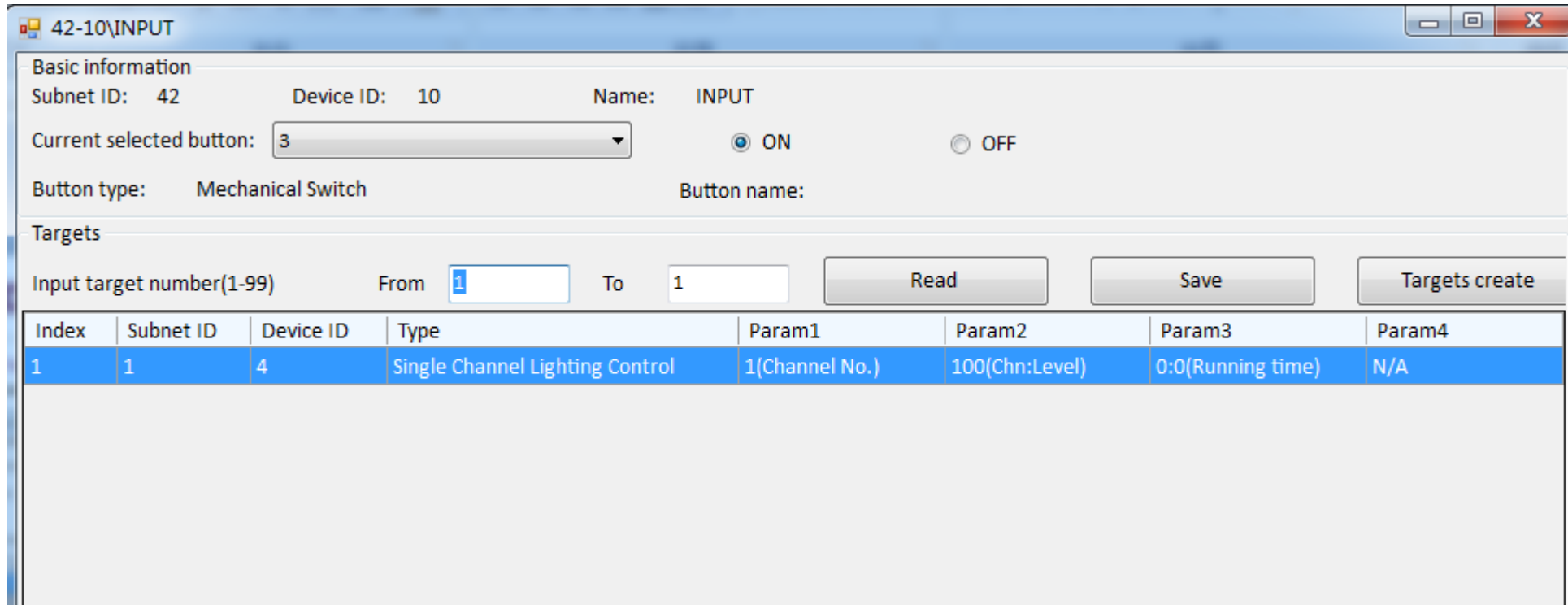
Dimmable two-way: long press to dim up, long press again can dim down



Configuration

✓ Target setting:

Can set each channel's targets, the target's range is 1~99.



42-10\INPUT

Basic information
Subnet ID: 42 Device ID: 10 Name: INPUT
Current selected button: 3 ON OFF
Button type: Mechanical Switch Button name:

Targets
Input target number(1-99) From 1 To 1 Read Save Targets create

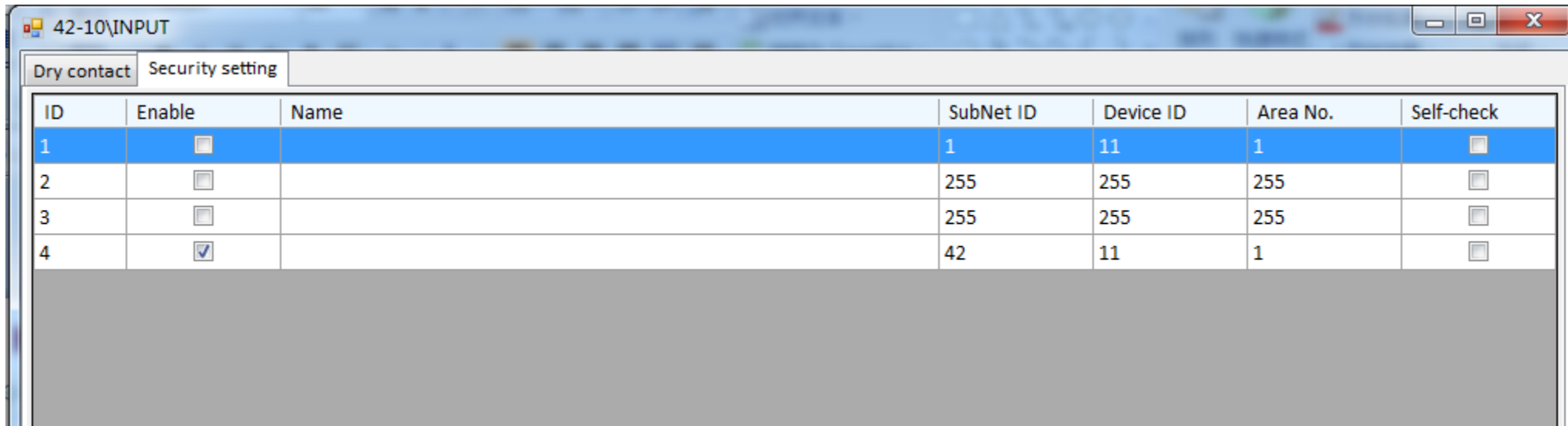
Index	Subnet ID	Device ID	Type	Param1	Param2	Param3	Param4
1	1	4	Single Channel Lighting Control	1(Channel No.)	100(Chn:Level)	0:0(Running time)	N/A

Security setting

✓ Security settings:

Can use channels of dry contact to trigger security, like the window state, door state.

For further configuration, please turn to security module's user manual.



ID	Enable	Name	SubNet ID	Device ID	Area No.	Self-check
1	<input type="checkbox"/>		1	11	1	<input type="checkbox"/>
2	<input type="checkbox"/>		255	255	255	<input type="checkbox"/>
3	<input type="checkbox"/>		255	255	255	<input type="checkbox"/>
4	<input checked="" type="checkbox"/>		42	11	1	<input type="checkbox"/>

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Serious about smart buildings.