## -B

,1/2/3/4 2.3

1- , C E-02/02. .0

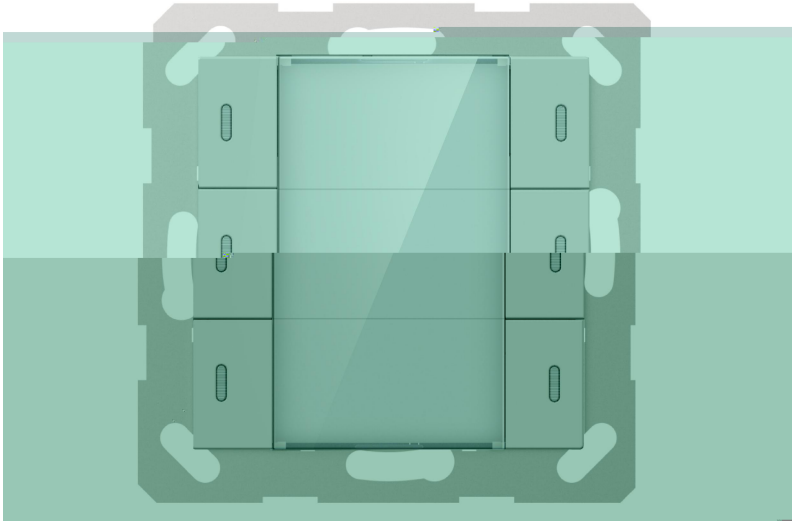
2- , C E-04/02. .0

3- , C E-06/02. .0

4- , C E-08/02. .0

( : 1- 2- )

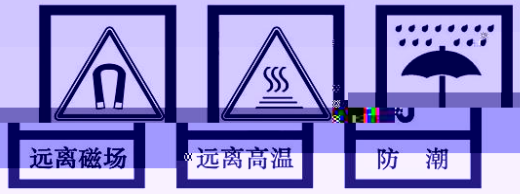
( : 0- 1- 2- 3- 4- 5- 6- 7- 8- )



/E B

# 注意事项

1、请远离强磁场、高温、潮湿等环境；




2、不要将设备摔落在地上或使之受到强烈冲击；

3、不要使用湿布或具挥发性的试剂擦拭设备；

1
2
3
3.1 (80 86 ) 3
3.2 4
ETS 5
4.1“General” 5
4.2 10
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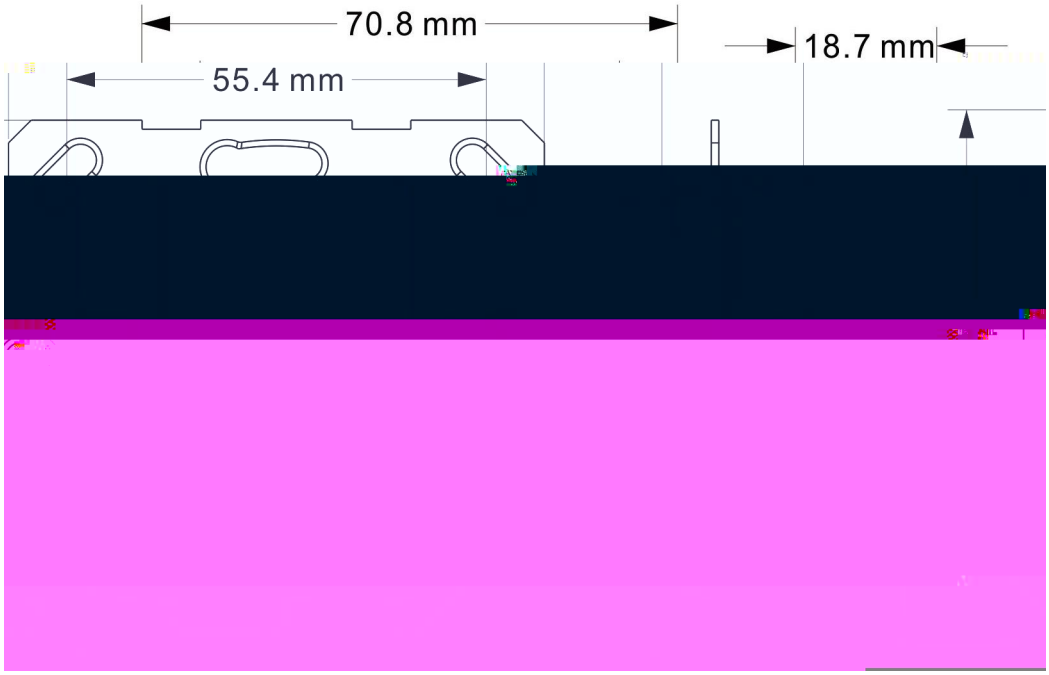
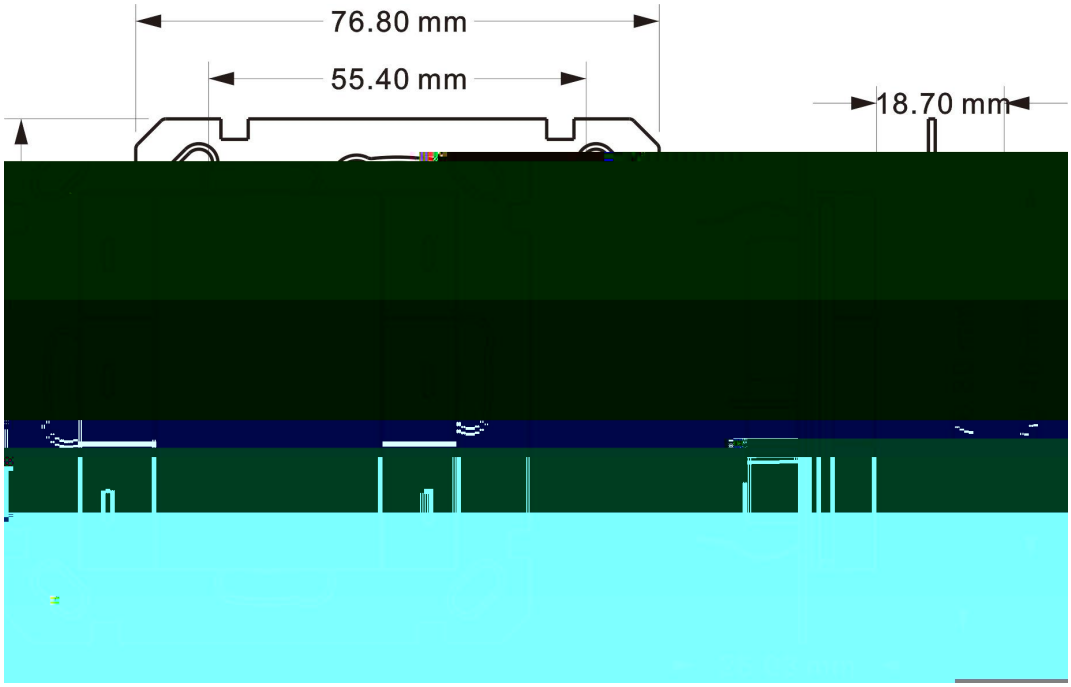
5.5.1 “AND/OR/NAND/NOR/XOR” 49
5.5.2 “Threshold comparator” 49
5.5.3 “Format convert” 50
5.6 52

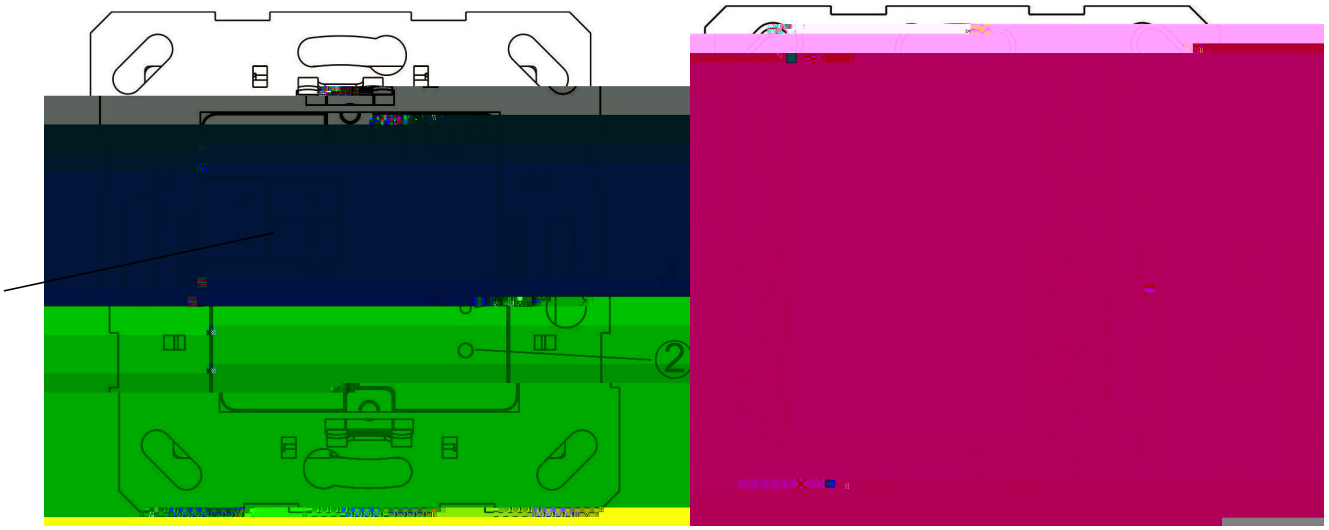
(

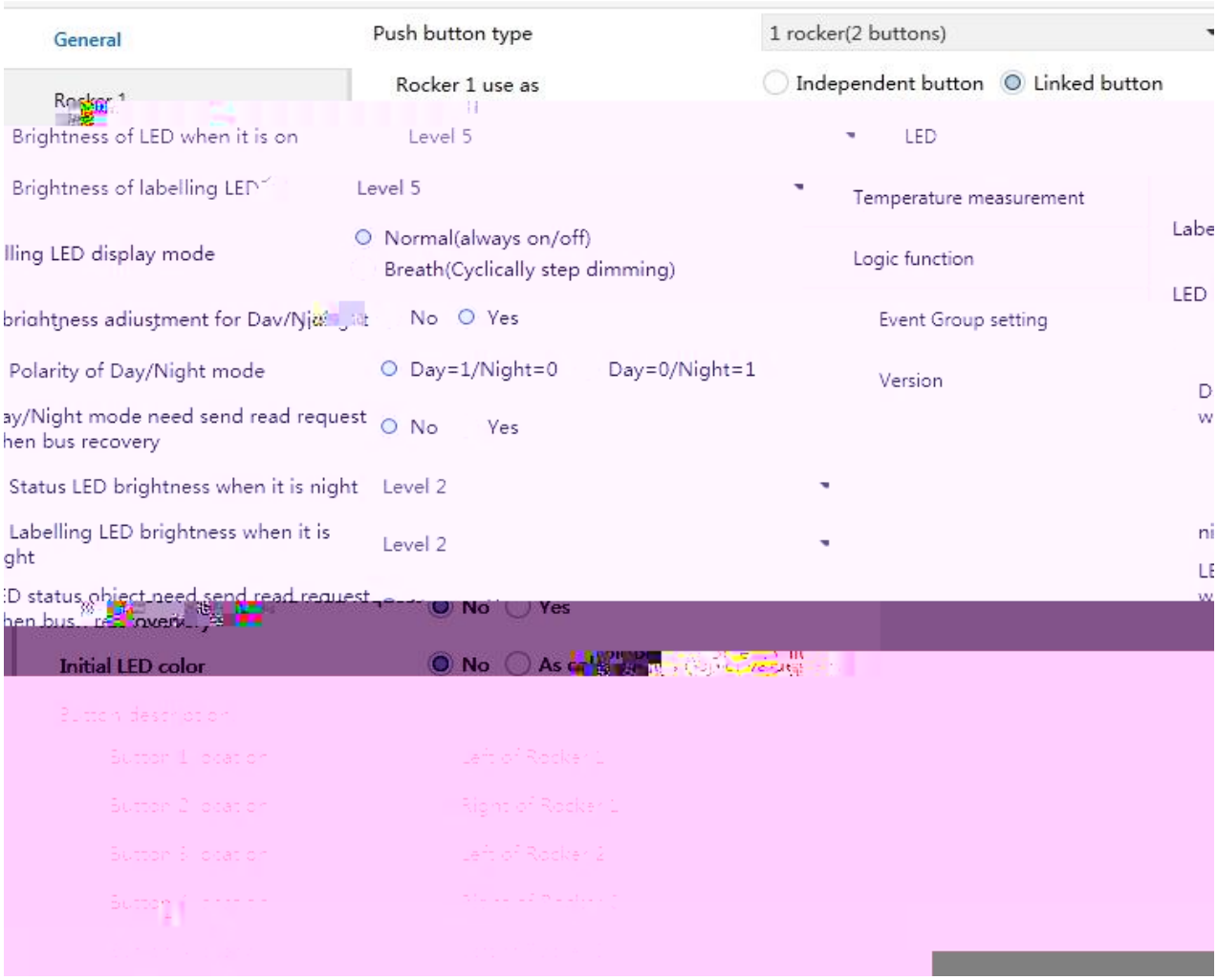
| |
|---|
| 21-30V DC KNX |
| / LED RGB |
| >20000 |
| |
| –5 °C ... 45 °C |
| 80 86 |
| |
| |

| | | | |
|---|---|---|---|
| | | | |
| | | | |


70.8 mm
18.7 mm
55.4 mm


76.80 mm
55.40 mm
18.70 mm


2




“Push button type”

```
--     "Rocker x use as   x=1,2,3   "
```

```
     " Brightness of LED when it is on"
```

```
     " Brightness of labeling LED  "
```

```
    " Labeling LED display mode"
```

```
    " LED brightness adjustment for Day/Night "
```

```
--     "Polarity of Day/Night mode"
```

```
--      " Day/Night mode need send read request when bus "recovery" "
```

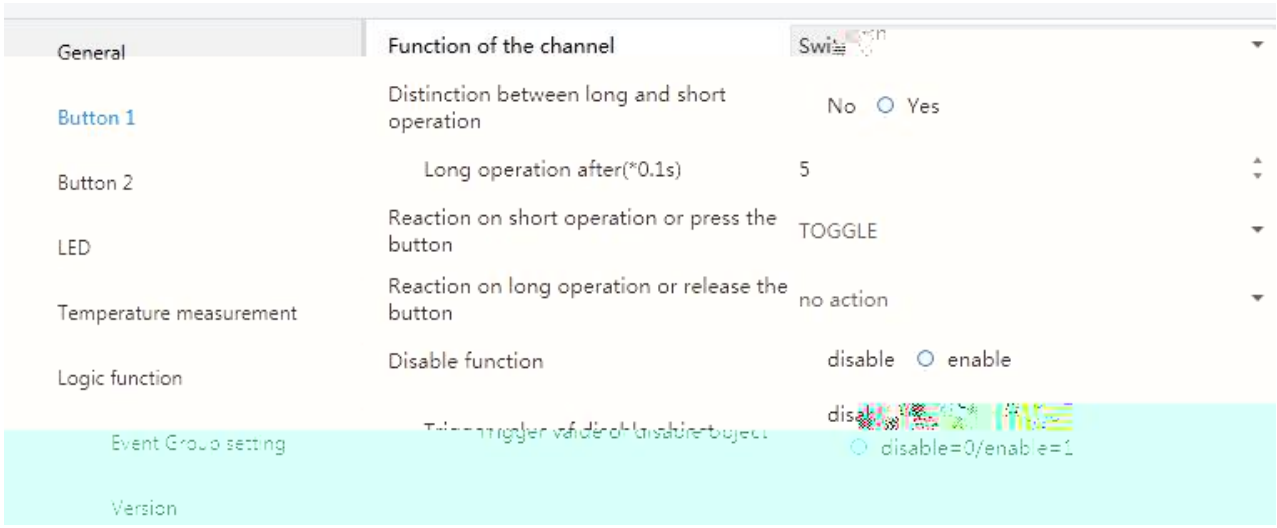
```
--     "Status LED brightness when it is night"
```

```
--     "Labeling LED brightness when it is night"
```

```
    " LED status object need send read request when bus recovery "
```

-- "Initial LED color"

"Button description"




“Distinction between long and short operation”

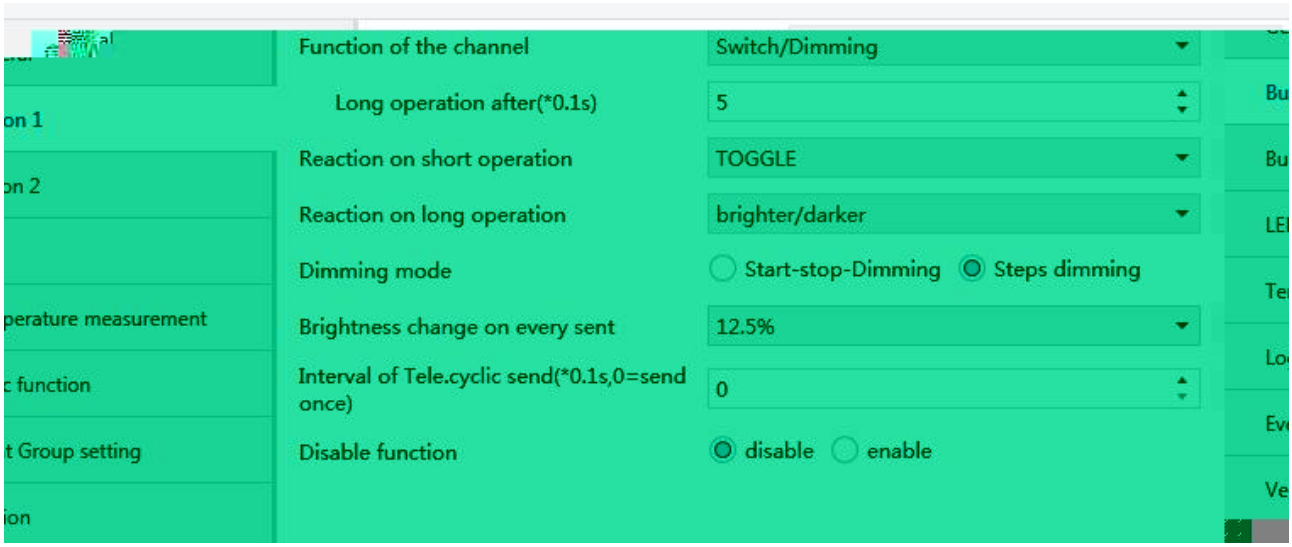
-- “Long operation after *0.1s ”

“Reaction on short operation or press the button”

“Reaction on long operation or release the button”

"Disable function"

"Trigger value of disable object"




"Long operation after *0.1s "

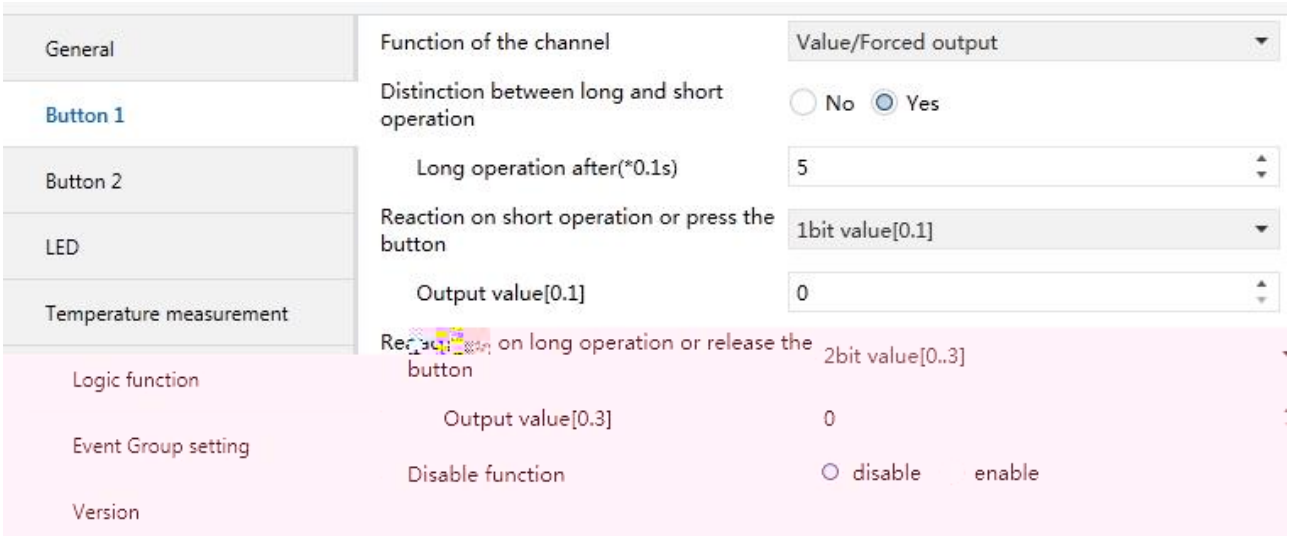
"Reaction on short operation"

"Reaction on long operation"

```
    "Dimming mode"
```

```
--      "Brightness change on every sent"
```

```
--      "Interval of Tele. Cyclic send  *0.1s  0  send once  "
```



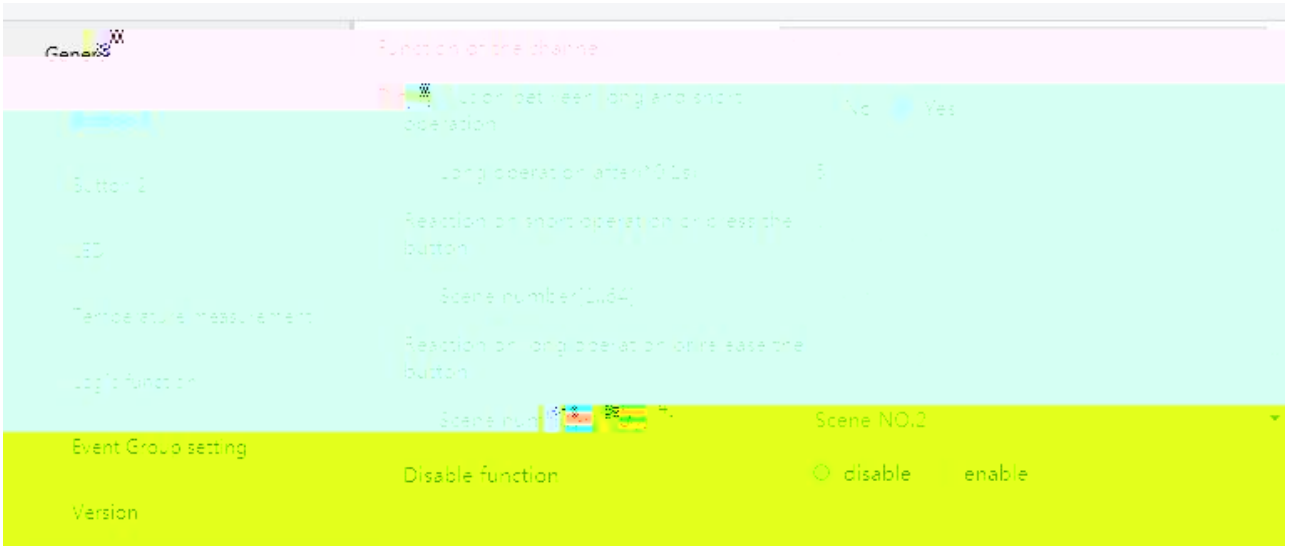

"Distinction between long and short operation"

-- "Long operation after *0.1s"

"Reaction on short operation or press the button"

"Reaction on long operation or release the button"

-- "Output value[…]"



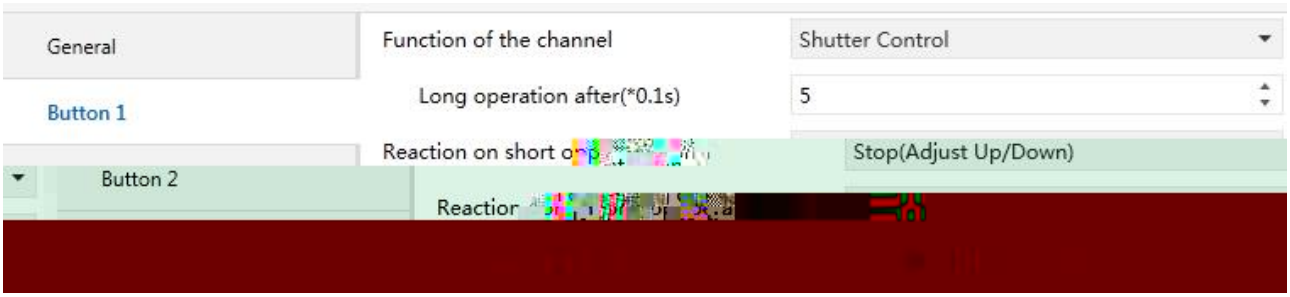

“Distinction between long and short operation”

– – “Long operation after *0.1s ”

“Reaction on short operation or press the button”

“Reaction on long operation or release the button”

-- “Scene number(1..64)”




"Long operation after *0.1s "

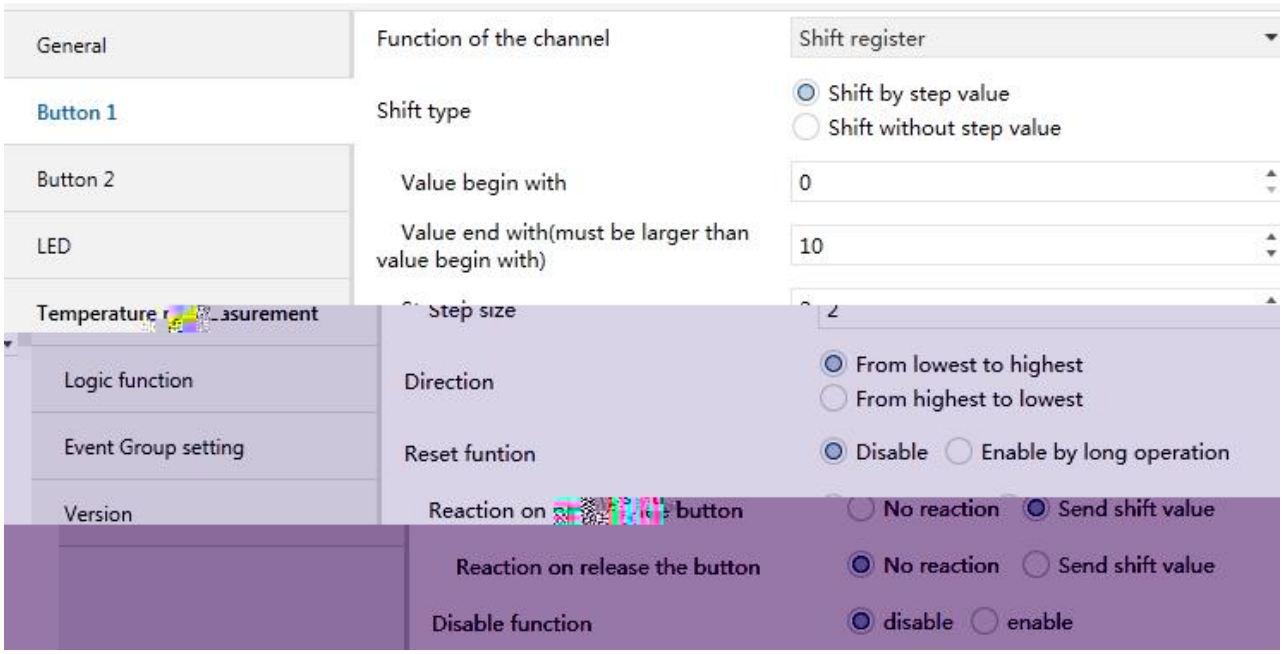
"Reaction on short/long operation"

(

(

(

-- "Interval of Tele. Cyclic send *0.1s 0 send once "




"Shift type"

"Value begin with"

"Value end with (must greater than the begin value)"

"Step size"

"Shift number"

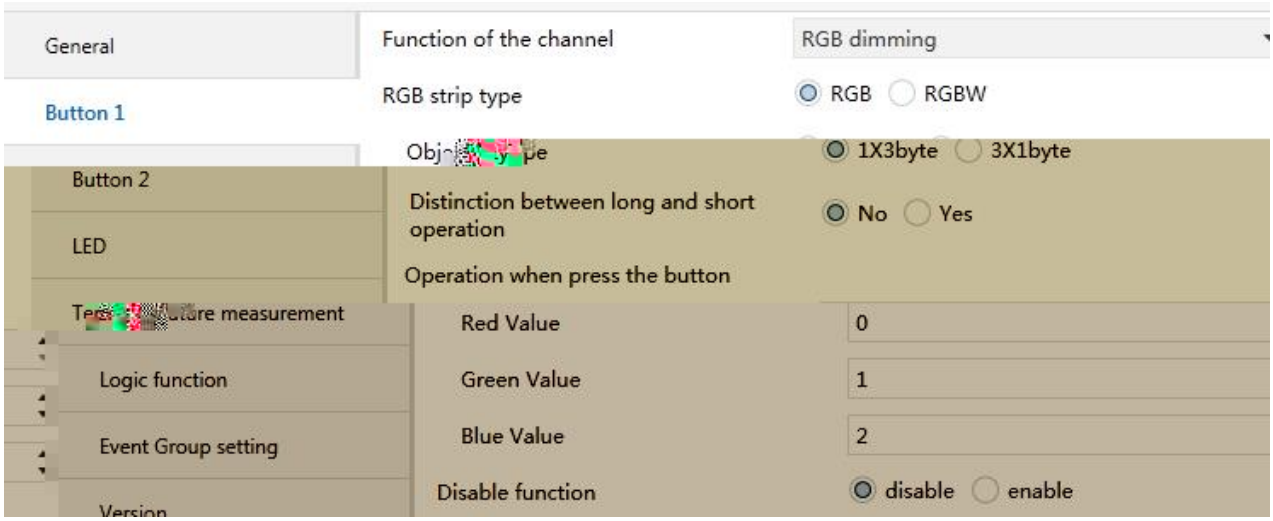
"Value 1...10"

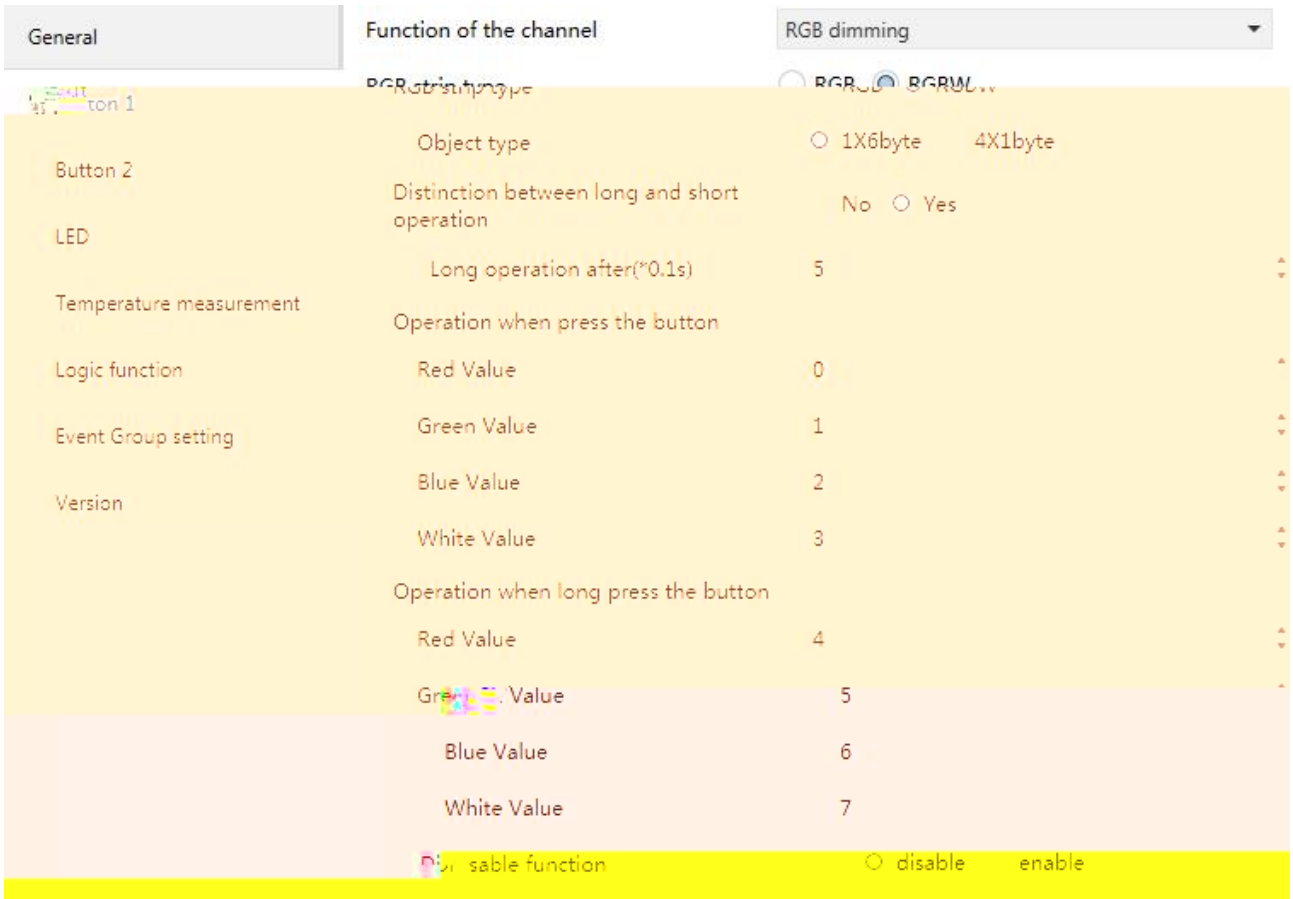
"Direction"

"Reset function"

"Reaction on press/release the button"

"Long operation after *0.1s "


General
Button 1
Button 2
LED
Logic function
Event Group setting
Version
Function of the channel
RGB dimming
RGB strip type
RGB
RGBW
1X3byte
3X1byte
Distinction between long and short operation
No
Yes
Operation when press the button
Red Value
0
Green Value
1
Blue Value
2
Disable function
disable
enable


General
Button 2
LED
Temperature measurement
Logic function
Event Group setting
Version
Function of the channel
RGB dimming
Object type
1X6byte
4X1byte
Distinction between long and short operation
No
Yes
Long operation after(*0.1s)
5
Operation when press the button
Red Value
0
Green Value
1
Blue Value
2
White Value
3
Operation when long press the button
Red Value
4
Value
5
Blue Value
6
White Value
7
disable
enable

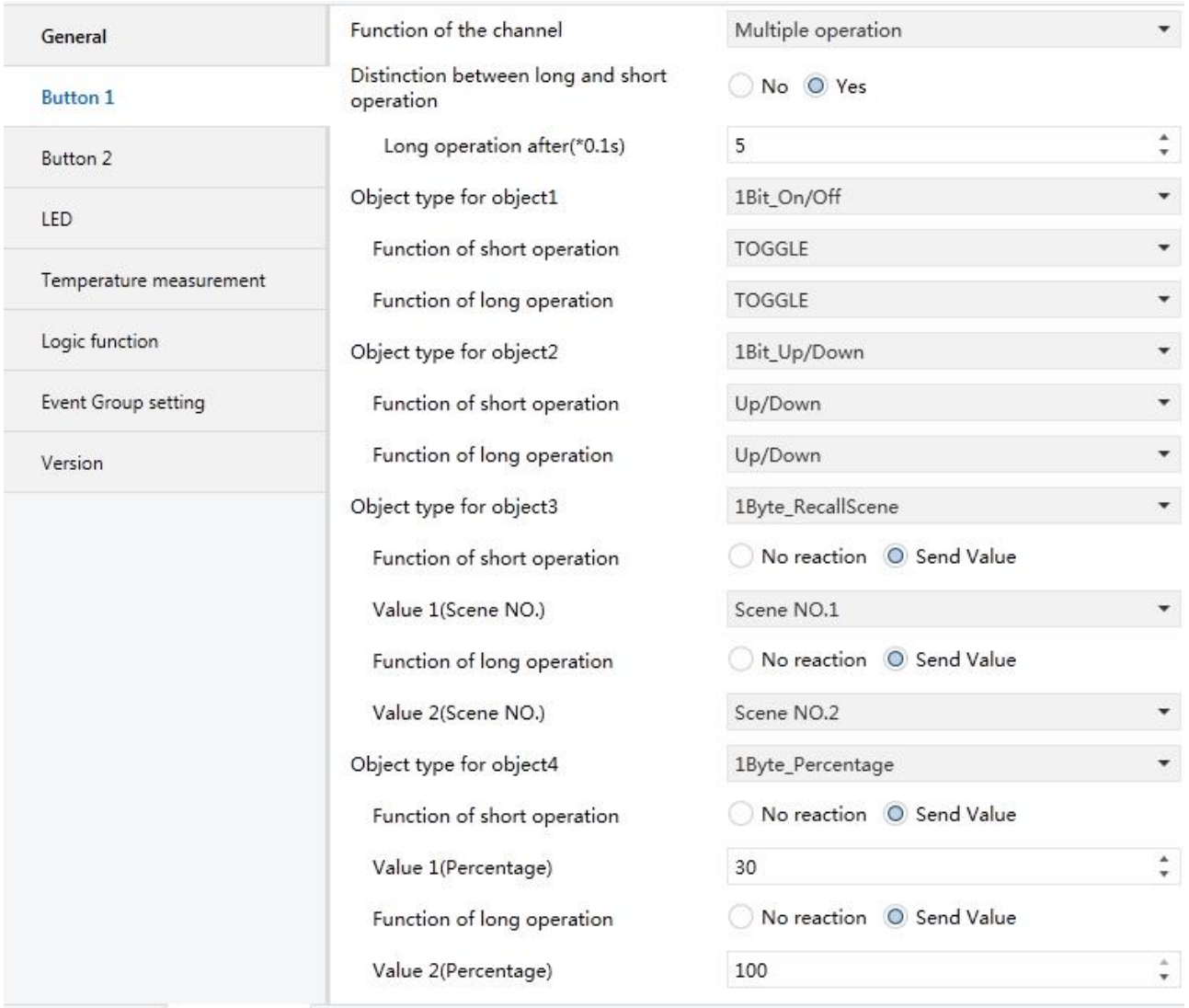
```
    "RGB strip type"
```

```
    "Object type"
```

```
    "Distinction between long and short operation"
```

```
--      "Long operation after  *0.1s   "
```

```
    "Operation when press/long press the button— — Red/ Green/Blue/White Value (0..255)"
```




(

“Distinction between long and short operation”

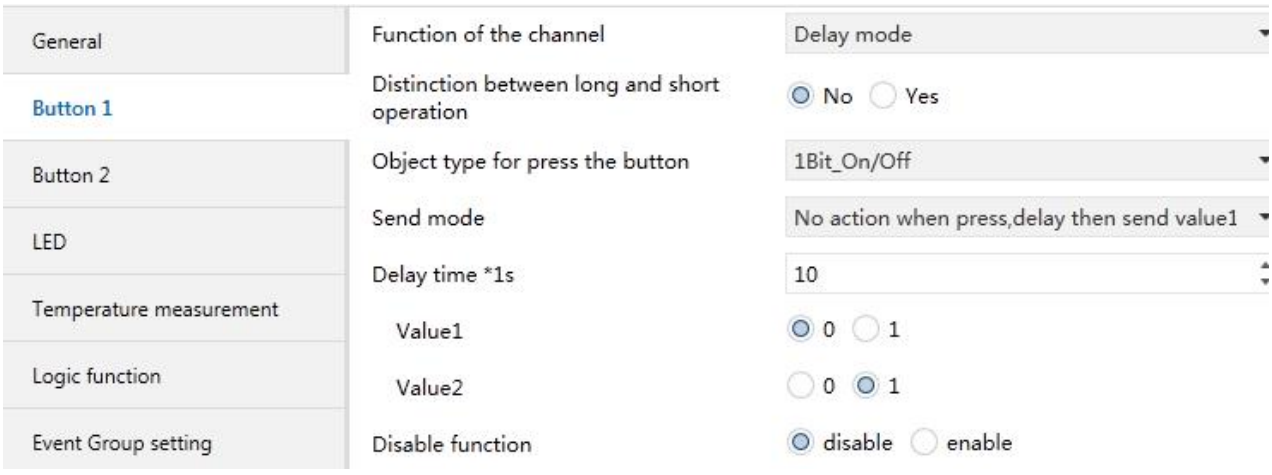
-- “Long operation after *0.1s ”

"Object type for object x(x=1..4)"

-- "Function of press the button/ Function of short operation/ Function of long operation"

(

-- "Value 1/2 ... "

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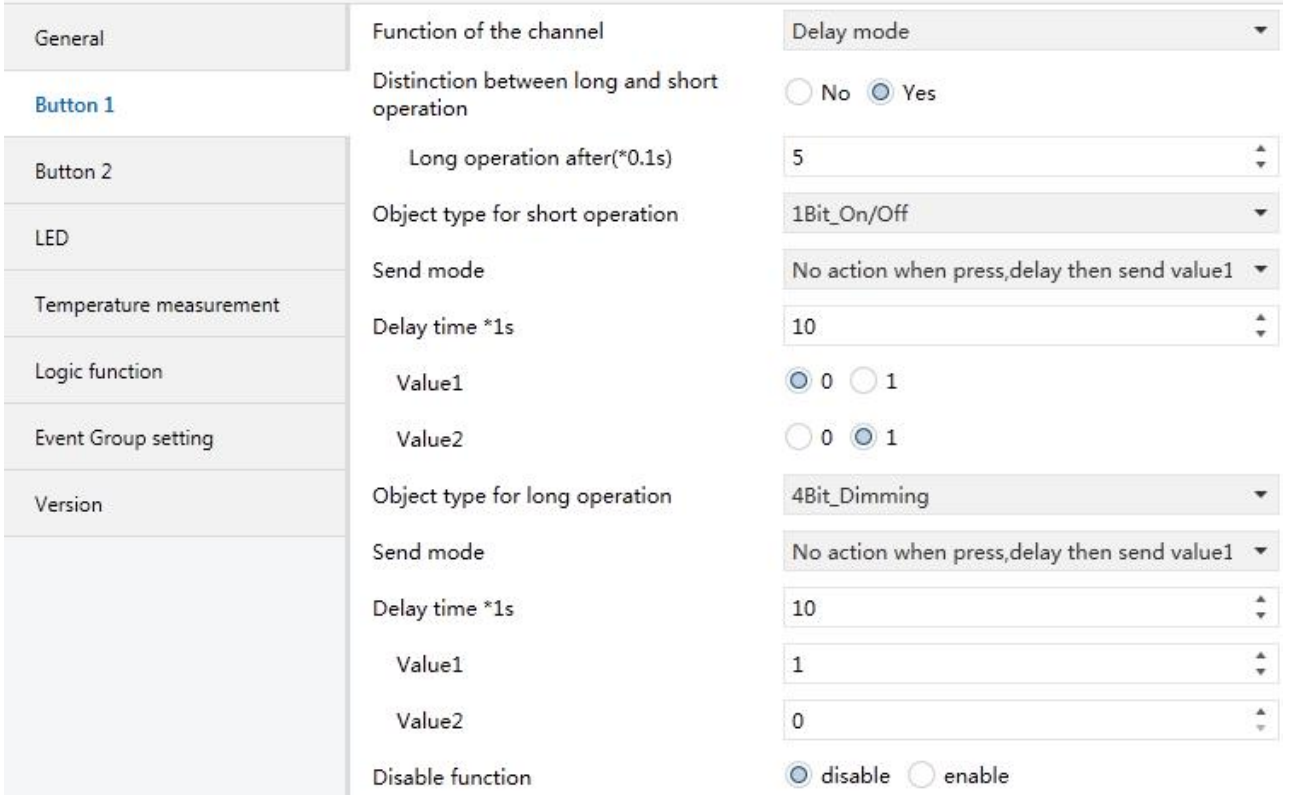



(

"Distinction between long and short operation"

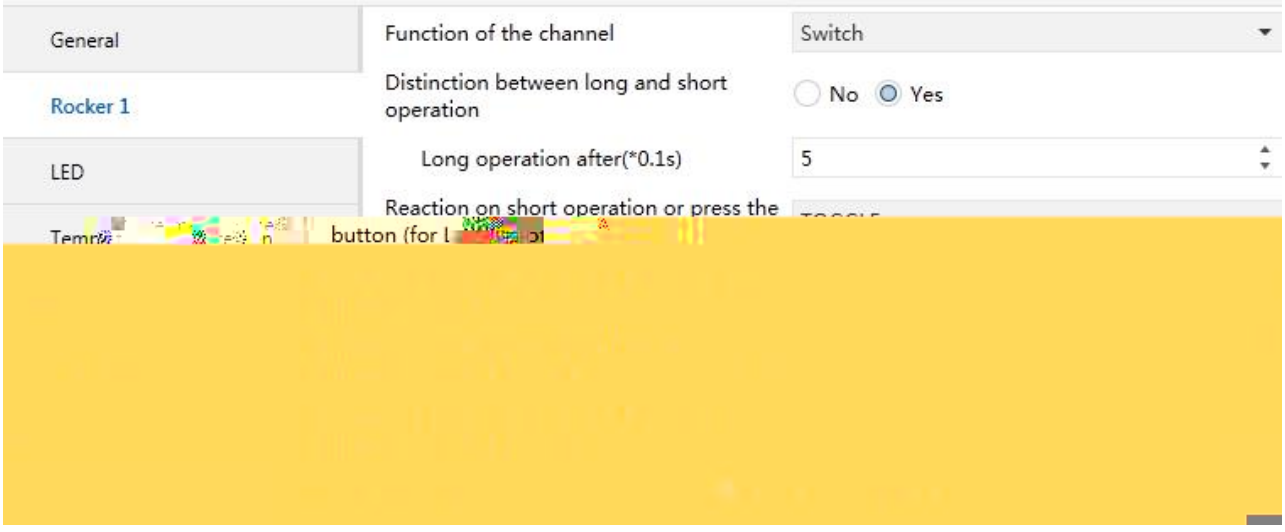
-- "Long operation after *0.1s "

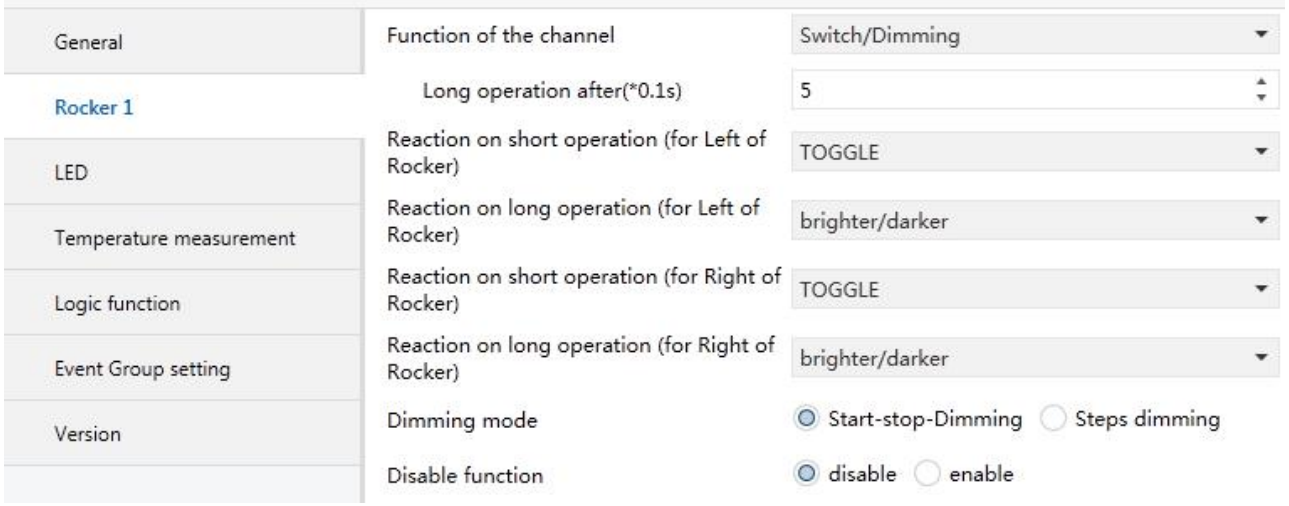
"Object type of press the button/ Object type of short operation/ Object type of long operation"

--  "Send mode"

--  "Delay time*1s"

--  "value1/2[…]"






"Long operation after *0.1s"

"Reaction on short operation for Left/Right of Rocker"

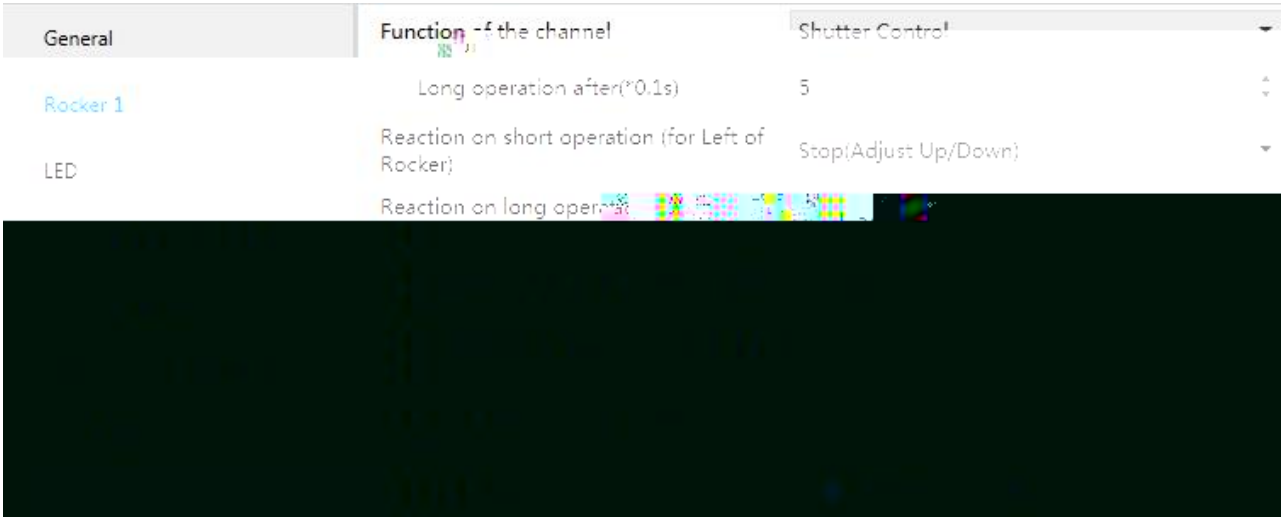
"Reaction on long operation for Left/Right of Rocker"

```
    "Dimming mode"
```

```
--      "Brightness change on every sent"
```

```
--      "Interval of Tele. Cyclic send  *0.1s  0  send once  "
```

# B


General
Rocker 1
LED
Function of the channel
Shutter Control
Long operation after(*0.1s)
5
Reaction on short operation (for Left of Rocker)
Stop(Adjust Up/Down)
Reaction on long

(

```
"Interval of
```

```
"External object data type"
```

```
"The object value = '0/1', LED is"
```

```
"Threshold value is"
```

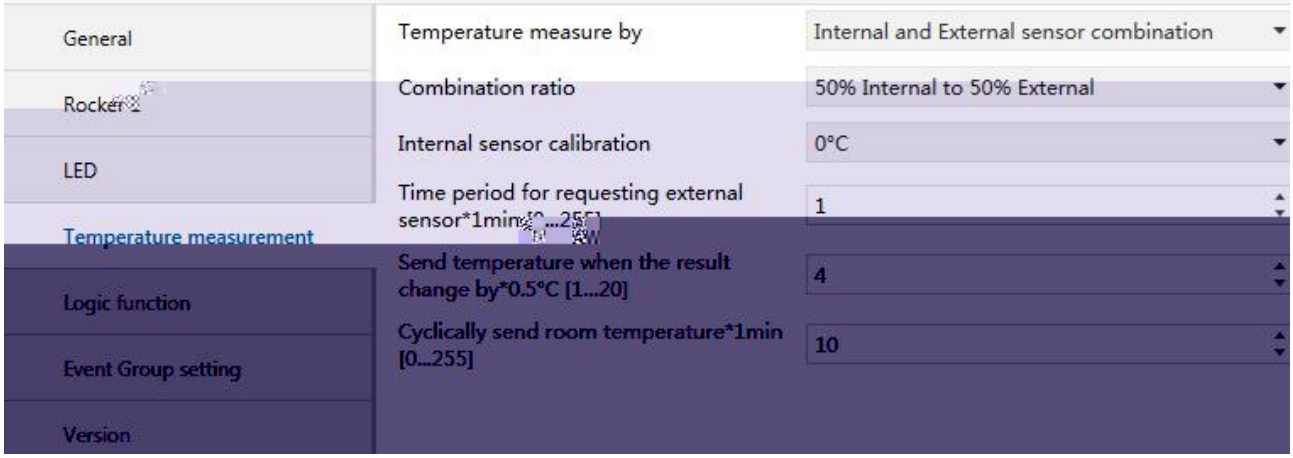
```
"If object value<threshold value, LED is"
```

```
"If object value=threshold value, LED is"
```

"If object value>threshold value, LED is"

"When press the button, LED flashing time is"

"LED flashing color"




"Temperature measure by"

"Combination ratio"

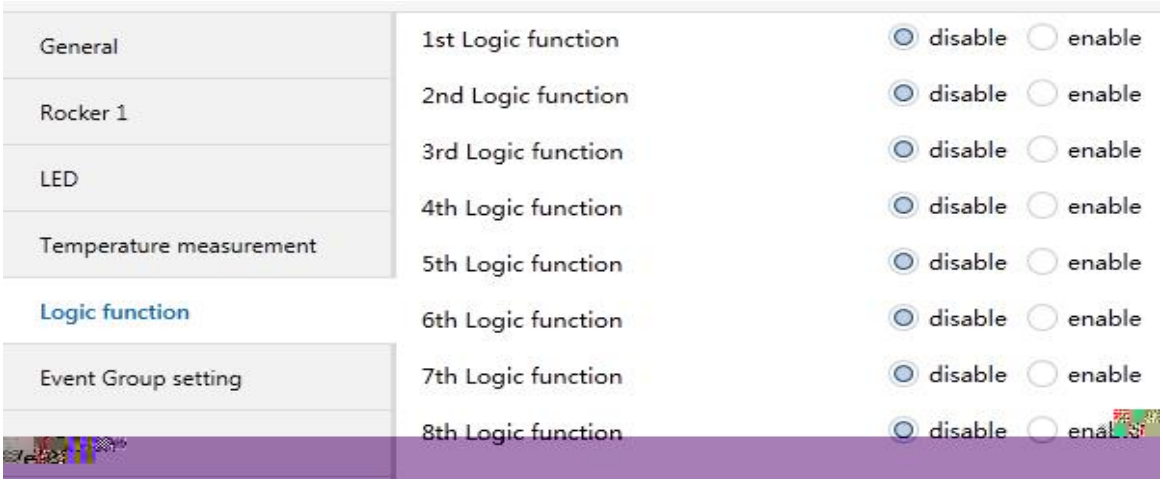
% %

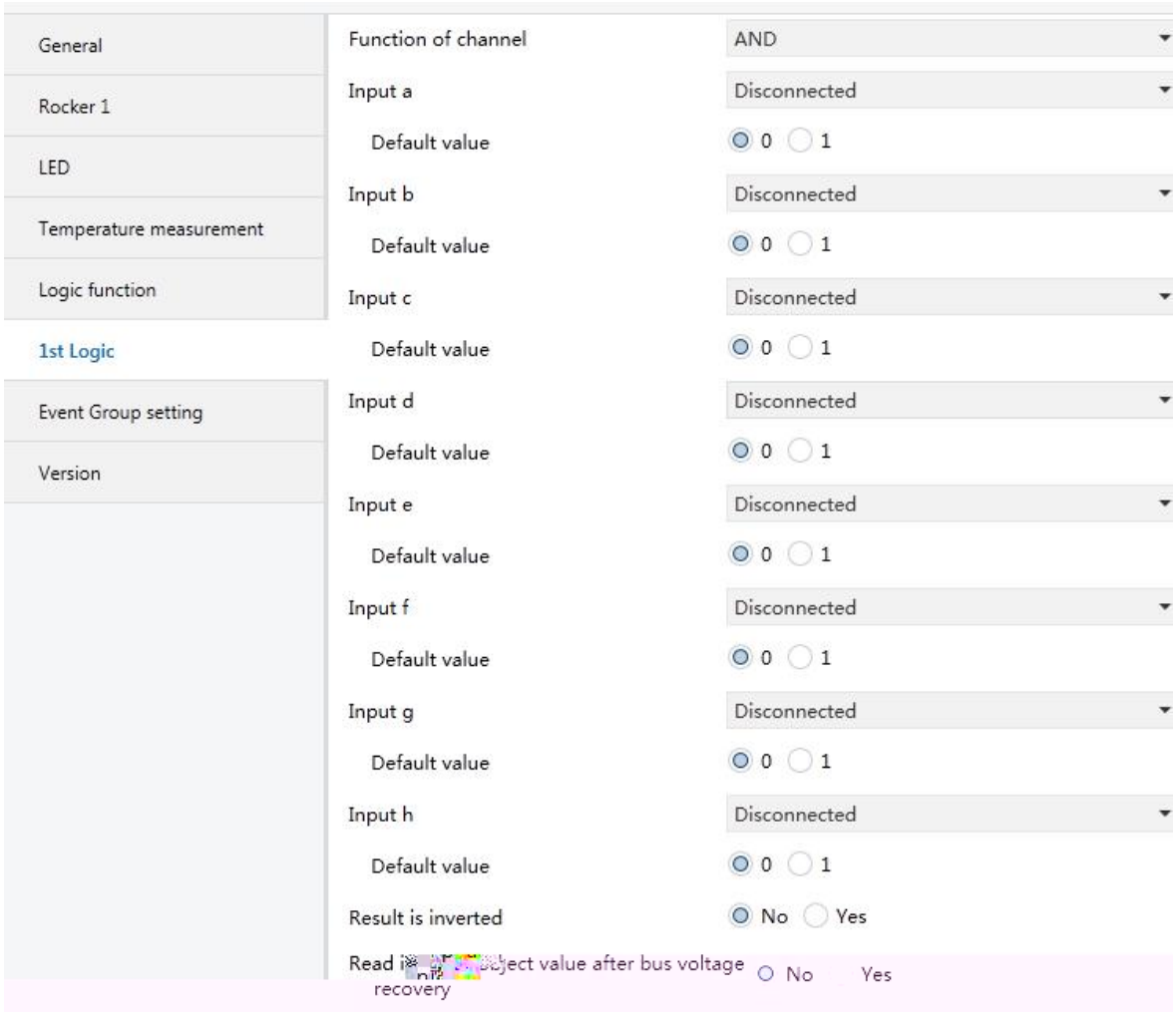
```
    "Internal sensor calibration"
```

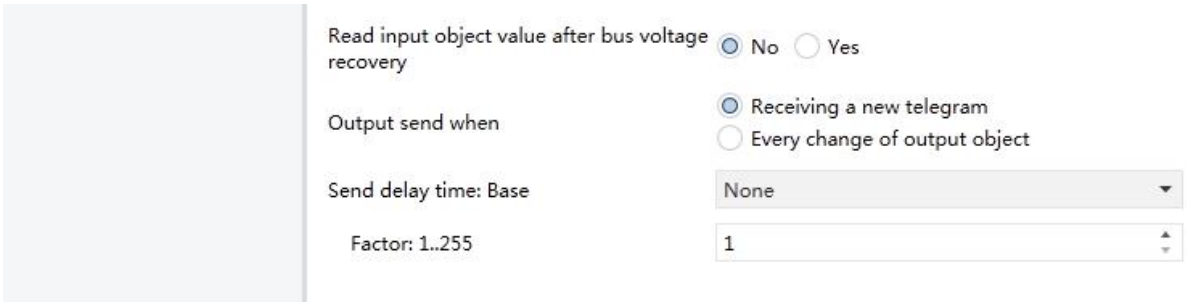
```
--      "Time period for requesting external sensor*1min [0..255]"
```

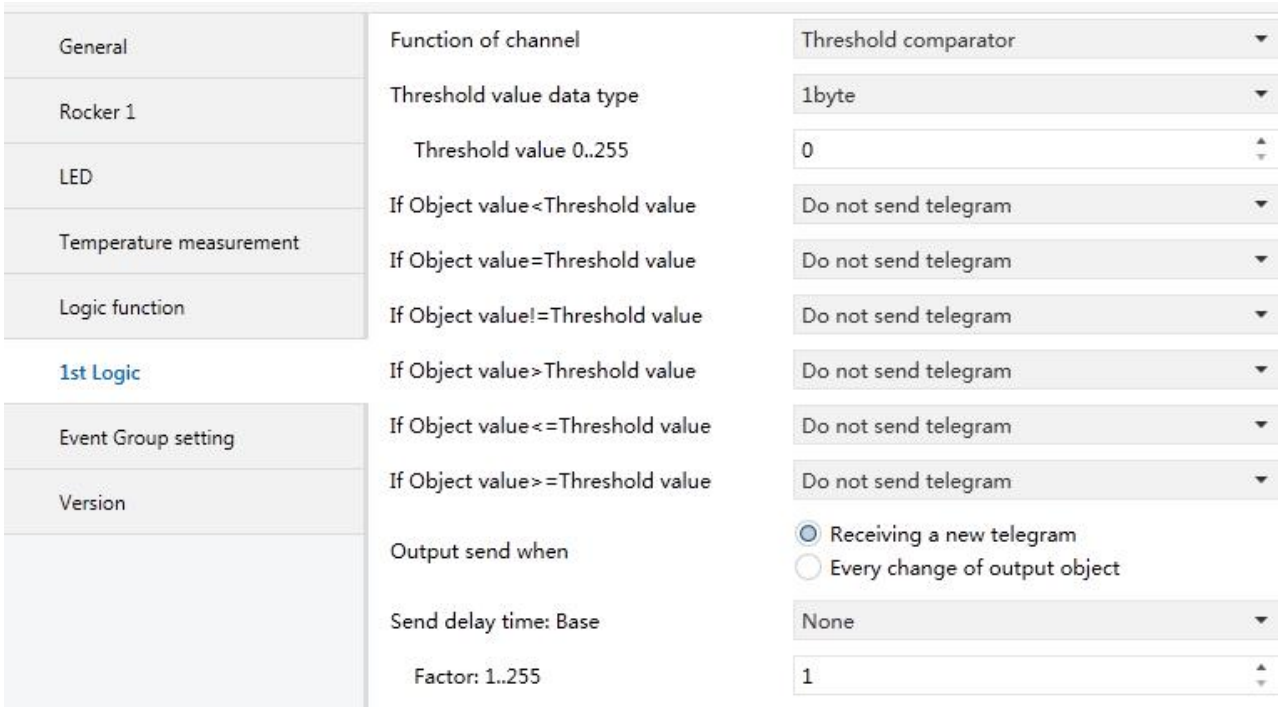
```
--      "Send temperature when the result change by*0.5  [1..20]"
```

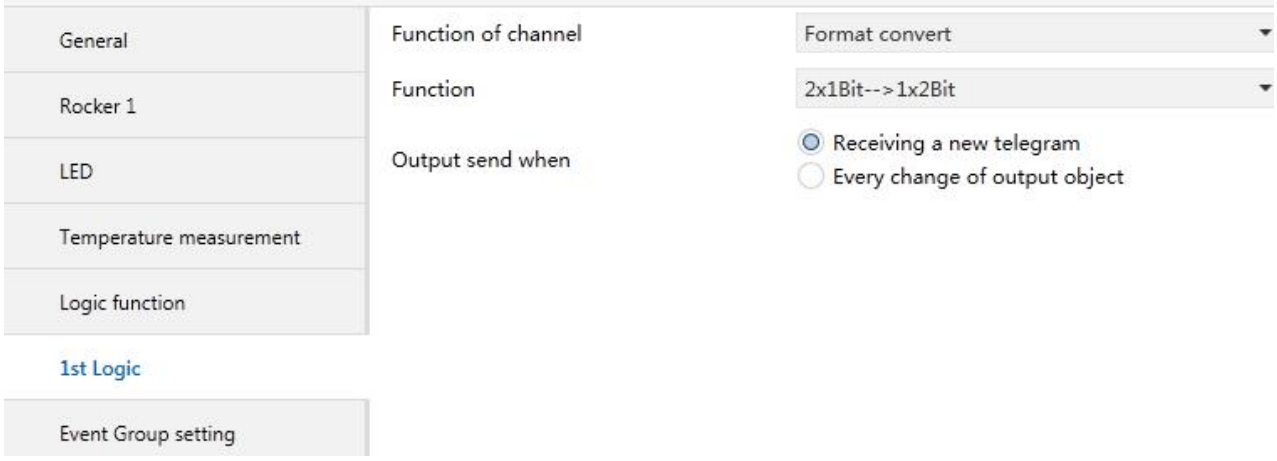
```
--      "Cyclically send room temperature*1min[0...255]"
```


General
Rocker 1
LED
Temperature measurement
Logic function
Event Group setting
1st Logic function disable enable
2nd Logic function disable enable
3rd Logic function disable enable
4th Logic function disable enable
5th Logic function disable enable
6th Logic function disable enable
7th Logic function disable enable
8th Logic function disable enable


General
Rocker 1
LED
Temperature measurement
Logic function
1st Logic
Event Group setting
Version
Function of channel AND
Input a Disconnected
Default value 0 1
Input b Disconnected
Default value 0 1
Input c Disconnected
Default value 0 1
Input d Disconnected
Default value 0 1
Input e Disconnected
Default value 0 1
Input f Disconnected
Default value 0 1
Input g Disconnected
Default value 0 1
Input h Disconnected
Default value 0 1
Result is inverted No Yes
recovery No Yes


Read input object value after bus voltage recovery
No
Yes
Output send when
Receiving a new telegram
Every change of output object
Send delay time: Base
None
Factor: 1..255
1


General
Rocker 1
LED
Temperature measurement
Logic function
1st Logic
Event Group setting
Version
Function of channel
Threshold comparator
Threshold value data type
1byte
Threshold value 0..255
0
If Object value<Threshold value
If Object value=Threshold value
If Object value!=Threshold value
If Object value>Threshold value
If Object value<=Threshold value
If Object value>=Threshold value
Do not send telegram
Output send when
Receiving a new telegram
Every change of output object
Send delay time: Base
None
Factor: 1..255
1


General
Rocker 1
LED
Temperature measurement
Logic function
1st Logic
Event Group setting
Function of channel
Format convert
Function
2x1Bit-->1x2Bit
Output send when
Receiving a new telegram
Every change of output object

"Function of channel"

"Input a/b/c/d/e/f/g//h"

"Default value"

"Result is inverted"

"Read input object value after bus voltage recovery"

"Output send when"

"Send delay time"

"Threshold value data byte"

"Threshold value...."

"If Object value<Threshold value"

"If Object value=Threshold value"

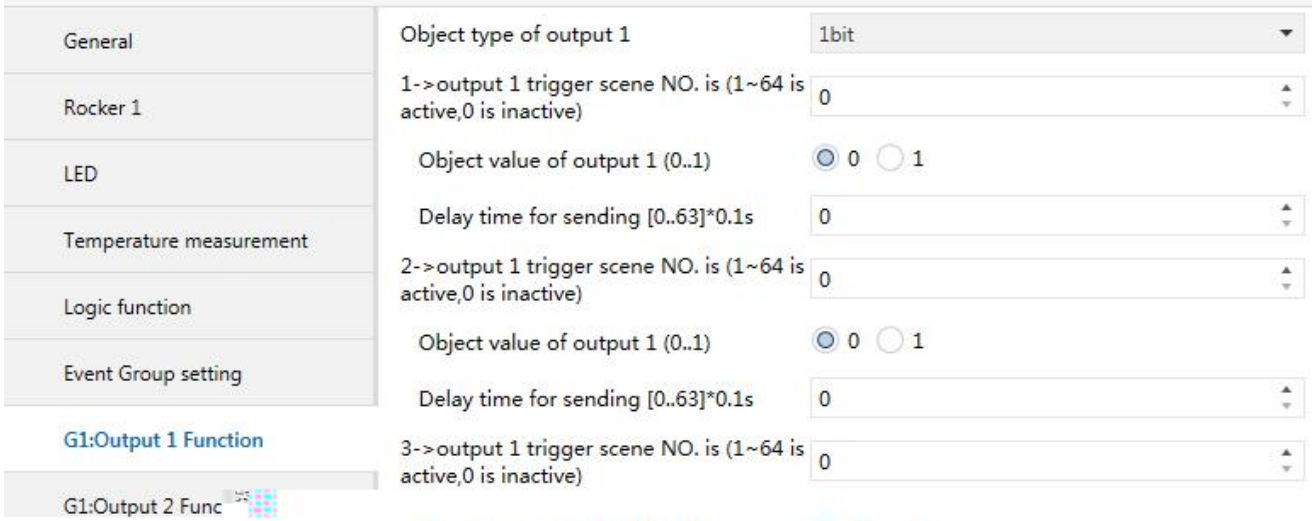
"If Object value!=Threshold value"

"If Object value>Threshold value"

"If Object value<=Threshold value"

"If Object value>=Threshold value"

"Output send when"




"Event Group x Function" x:1~8

"Object type of output y (y:1~8)"

"z->Output y trigger scene NO. is(1~64 is active,0 is inactive)" (z:1~6)

"Object value of output y (0..1/0..255/0..65535)"

"Delay time for send [0...63]*0.1s"

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 49 | LED brightness | Day/Night mode | | | 1 bit | C | - | W | T | U | switch | Low |
| 50 | backlight LED brightness | on/off | | | 1 bit | C | - | W | - | - | switch | Low |

| | | | | | |
|---|---|---|---|---|---|
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| | | | | | |
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| | | | | | |

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Button 1 | Press/release, Switch | | | 1 bit | C | - | W | T | U | switch | Low |
| 15 | Button 1 | Disable | | | 1 bit | C | - | W | - | - | enable | Low |

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Button 1 | Short operation, Switch | | | 1 bit | C | - | W | T | U | switch | Low |
| 12 | Button 1 | Long operation, Switch | | | 1 bit | C | - | W | T | U | switch | Low |
| 15 | Button 1 | Disable | | | 1 bit | C | - | W | - | - | enable | Low |

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Button 1 | Short,Switch | | | 1 bit | C | - | W | T | U | switch | Low |
| 12 | Button 1 | Long,Dimming | | | 4 bit | C | - | W | T | - | dimmi | |
| 15 | Button 1 | Disable | | | 1 bit | C | - | W | - | - | enable | Low |

| Number | Name | Object Function | Description | Group Ac | lc | es | gth | C | R | W | T | U | Data Type | Priori |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Button 1 | Short/Press,1bit value | | | | | 1 bit | C | - | - | T | - | switch | Low |
| 12 | Button 1 | Long/Release,2bit value | | | | | 2 bit | C | - | - | T | - | switch con... | Low |
| 15 | Button 1 | Disable | | | | | 1 bit | C | - | W | - | - | enable | Low |

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Button 1 | Short/Press,scene | | | 1 byte | C | - | - | T | - | scene con... | Low |
| 12 | Button 1 | Long/Release,scene | | | 1 byte | C | - | - | T | - | scene con... | Low |
| 15 | Button 1 | Disable | | | 1 | | | | | | | |

| Number | Name | Object Function | Description | Gr |
|---|---|---|---|---|

| Number | Name | Object Function | Description | Gr |
|---|---|---|---|---|

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Button 1 | Red dimming value | | | 1 byte | C | - | - | T | - | counter p... | Low |
| 12 | Button 1 | Green dimming value | | | 1 byte | C | - | - | T | - | counter p... | Low |
| 13 | Button 1 | Blue dimming value | | | 1 byte | C | - | - | T | - | counter p... | Low |
| 14 | Button 1 | White dimming value | | | 1 byte | C | - | - | T | - | counter p... | Low |
| 15 | Button 1 | Disable | | | 1 bit | C | - | W | - | - | enable | Low |
| 11 | Button 1 | RGB dimming value | | | 3 bytes | C | - | - | T | - | RGB value... | L |
| 11 | Button 1 | RGBW dimming value | | | 6 bytes | C | - | - | T | - | RGB value | L |

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Button 1 | Object1-On/Off | | | 1 bit | C | - | W | T | - | switch | Low |
| 12 | Button 1 | Object2-Up/Down | | | 1 bit | C | - | W | T | - | up/down | Low |
| 13 | Button 1 | Object3-SceneControl | | | 1 byte | C | - | - | T | - | scene con... | Low |
| 14 | Button 1 | Object4-Percentage | | | 1 byte | C | - | - | T | - | percentag | |
| 15 | Button 1 | Disable | | | 1 bit | C | - | W | - | - | enable | Low |

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Button 1 | Press,Delay mode | | | 1 bit | C | - | - | T | - | switch | Low |
| 15 | Button 1 | Disable | | | 1 bit | C | - | W | - | - | enable | Low |

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| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | LED 1 | Status | | | 1 bit | C | - | W | T | U | switch | Low |
| 44 | LED 2 | Status | | | 1 bit | C | - | W | T | U | switch | Low |

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| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51 | Temperature measurement | Output actual temperature | | | 2 bytes | C | R | - | T | - | temperatu... | Low |
| 52 | Temperature measurement | Input external temperature | | | 2 bytes | C | - | W | T | U | temperatu... | Low |

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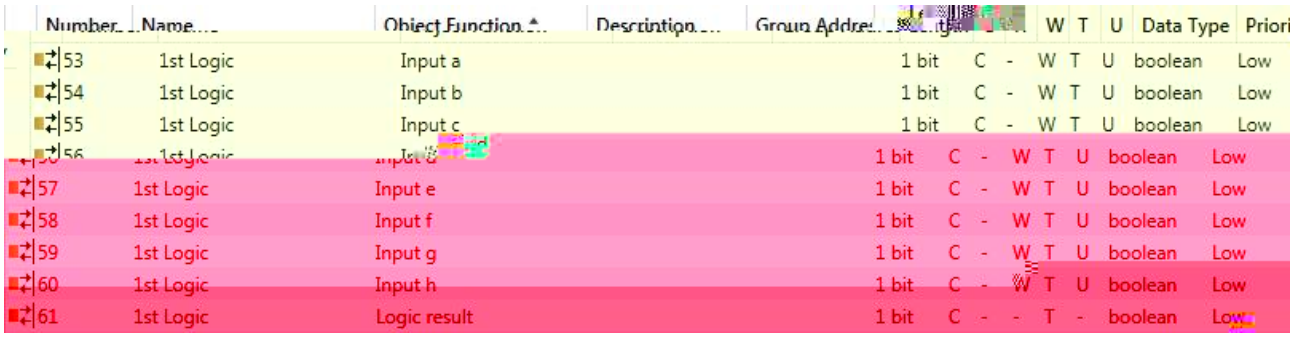

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input a | | | 1 bit | C | - | W | T | U | boolean | Low |
| 54 | 1st Logic | Input b | | | 1 bit | C | - | W | T | U | boolean | Low |
| 55 | 1st Logic | Input c | | | 1 bit | C | - | W | T | U | boolean | Low |
| 56 | 1st Logic | Input d | | | 1 bit | C | - | W | T | U | boolean | Low |
| 57 | 1st Logic | Input e | | | 1 bit | C | - | W | T | U | boolean | Low |
| 58 | 1st Logic | Input f | | | 1 bit | C | - | W | T | U | boolean | Low |
| 59 | 1st Logic | Input g | | | 1 bit | C | - | W | T | U | boolean | Low |
| 60 | 1st Logic | Input h | | | 1 bit | C | - | W | T | U | boolean | Low |
| 61 | 1st Logic | Logic result | | | 1 bit | C | - | - | T | - | boolean | Low |

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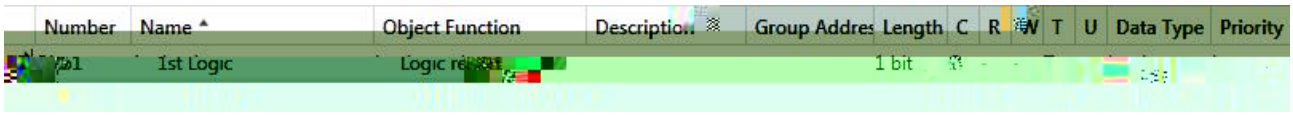

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 61 | 1st Logic | Logic result | | | 1 bit | C | - | - | T | - | boolean | Low |

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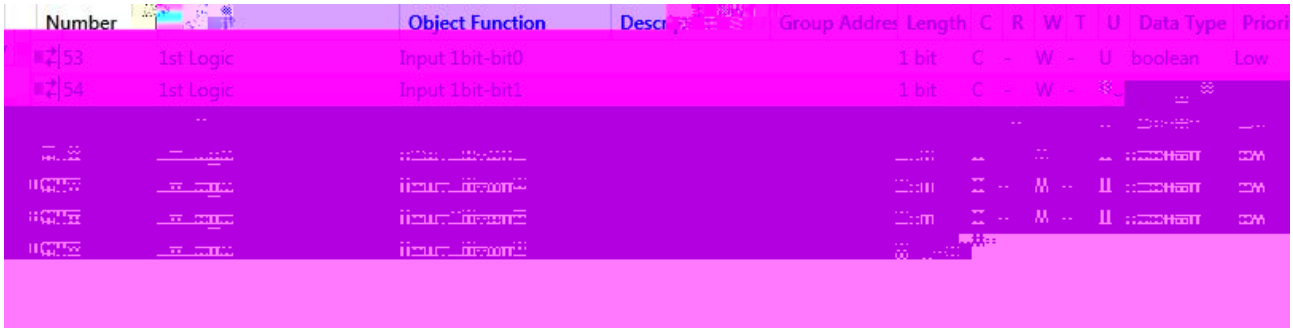
| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input 1bit-bit0 | | | 1 bit | C | - | W | - | U | boolean | Low |
| 54 | 1st Logic | Input 1bit-bit1 | | | 1 bit | C | - | W | - | U | boolean | Low |
| 61 | 1st Logic | Output 2bit | | | 2 bit | C | - | - | T | - | switch con... | Low |



| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input 1byte | | | 1 byte | C | - | W | - | U | counter p... | Low |
| 61 | 1st Logic | Output 2byte | | | 2 bytes | C | - | - | T | - | pulses | Low |

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input 1byte-low | | | 1 byte | C | - | W | - | U | counter p... | Low |
| 54 | 1st Logic | Input 1byte-high | | | 1 byte | C | - | W | - | U | counter p... | Low |
| 61 | 1st Logic | Output 2byte | | | 2 bytes | C | - | - | T | - | pulses | Low |

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| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input 2byte-low | | | 2 bytes | C | - | W | - | U | pulses | Low |
| 54 | 1st Logic | Input 2byte-high | | | 2 bytes | C | - | W | - | U | pulses | Low |
| 61 | 1st Logic | Output 4byte | | | 4 bytes | C | - | - | T | - | counter p... | Low |

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| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input 1byte | | | 1 byte | C | - | W | - | U | counter p... | Low |
| 55 | 1st Logic | Output 1bit-bit1 | | | 1 bit | C | - | - | T | - | boolean | Low |
| 57 | 1st Logic | Output 1bit-bit3 | | | 1 bit | C | - | - | T | - | boolean | Low |
| 59 | 1st Logic | Output 1bit-bit5 | | | 1 bit | C | - | - | T | - | boolean | Low |
| 61 | 1st Logic | Output 1bit-bit7 | | | 1 bit | C | - | - | T | - | boolean | Low |
| 60 | 1st Logic | Output 1bit-bit6 | | | 1 bit | C | - | - | T | - | boolean | Low |
| 58 | 1st Logic | Output 1bit-bit4 | | | 1 bit | C | - | - | T | - | boolean | Low |
| 56 | 1st Logic | Output 1bit-bit2 | | | 1 bit | C | - | - | T | - | boolean | Low |
| 54 | 1st Logic | Output 1bit-bit0 | | | 1 bit | C | - | - | T | - | boolean | Low |

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | D |
|---|---|---|---|---|---|---|---|---|---|---|---|

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| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priori |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input 4byte | | | 4 bytes | C | - | W | - | U | counter p... | Low |
| 61 | 1st Logic | Output 2byte-high | | | 2 bytes | C | - | - | T | - | pulses | Low |
| 60 | 1st Logic | Output 2byte-low | | | 2 bytes | C | - | - | T | - | pulses | Low |

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| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input 3byte | | | 3 bytes | C | - | W | - | U | | |

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| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 1st Logic | Input 1byte-low | | | 1 byte | C | - | W | - | U | counter p... | Low |
| 54 | 1st Logic | Input 1byte-middle | | | 1 byte | C | - | W | - | U | counter p... | Low |
| 55 | 1st Logic | Input 1byte-high | | | 1 byte | C | - | W | - | U | counter p... | Low |
| 61 | 1st Logic | Output 3byte | | | 3 bytes | C | - | - | T | - | RGB value... | Low |

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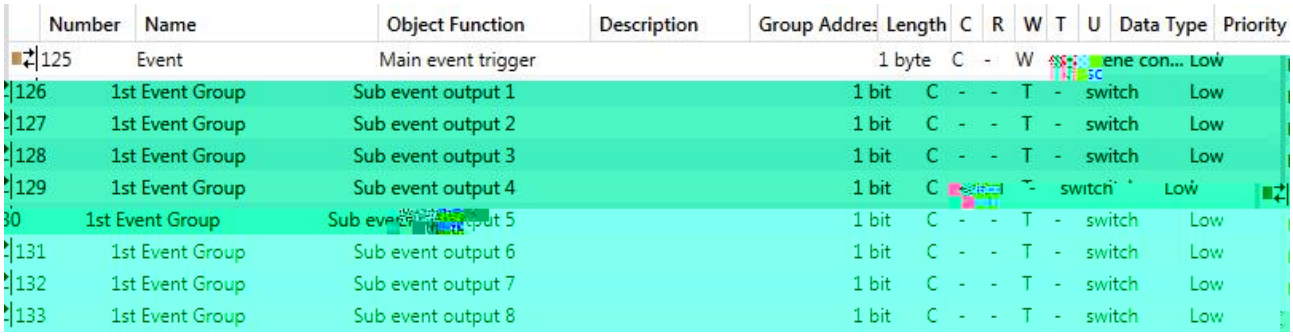

| Number | Name | Object Function | Description | Group Addres | Length | C | R | W | T | U | Data Type | Priority |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 125 | Event | Main event trigger | | | 1 byte | C | - | W | | | ene con... | Low |
| 126 | 1st Event Group | Sub event output 1 | | | 1 bit | C | - | - | T | - | switch | Low |
| 127 | 1st Event Group | Sub event output 2 | | | 1 bit | C | - | - | T | - | switch | Low |
| 128 | 1st Event Group | Sub event output 3 | | | 1 bit | C | - | - | T | - | switch | Low |
| 129 | 1st Event Group | Sub event output 4 | | | 1 bit | C | | | T | - | switch | Low |
| 30 | 1st Event Group | Sub eve | | | 1 bit | C | - | - | T | - | switch | Low |
| 131 | 1st Event Group | Sub event output 6 | | | 1 bit | C | - | - | T | - | switch | Low |
| 132 | 1st Event Group | Sub event output 7 | | | 1 bit | C | - | - | T | - | switch | Low |
| 133 | 1st Event Group | Sub event output 8 | | | 1 bit | C | - | - | T | - | switch | Low |

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