-B

,1/2/3/4 2.3

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

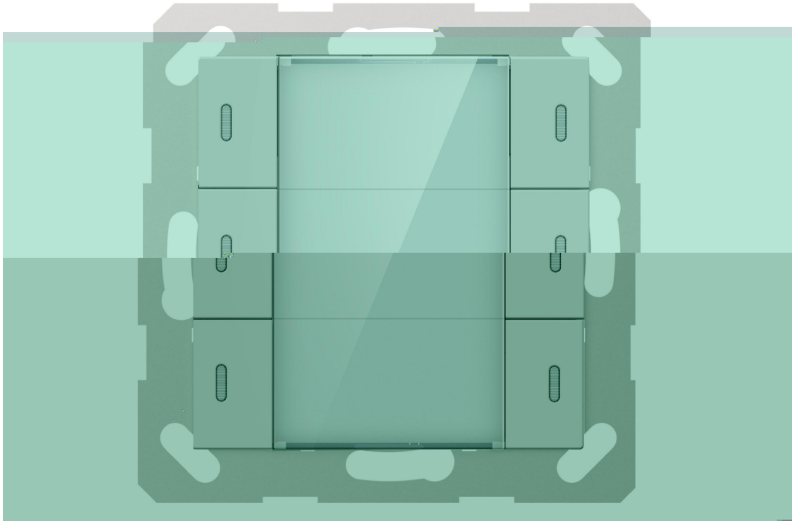
2- , C E-04/02. .0

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

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

(: 1- 2-)

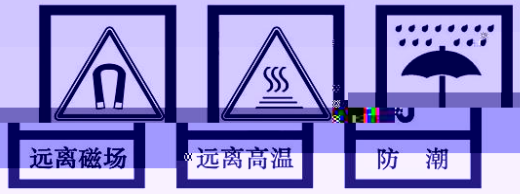
(: 0- 1- 2- 3- 4- 5- 6- 7- 8-)



/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
4.2.1 “Switch” 10
4.2.2 “Switch/Dimming” 12
4.2.3 “Value/Forced output” 14
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4.3.1 “Switch” 25
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4.3.3 “Scene control” 29
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4.6 “Logic function” 36
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4.6.2“Threshold comparator” 40
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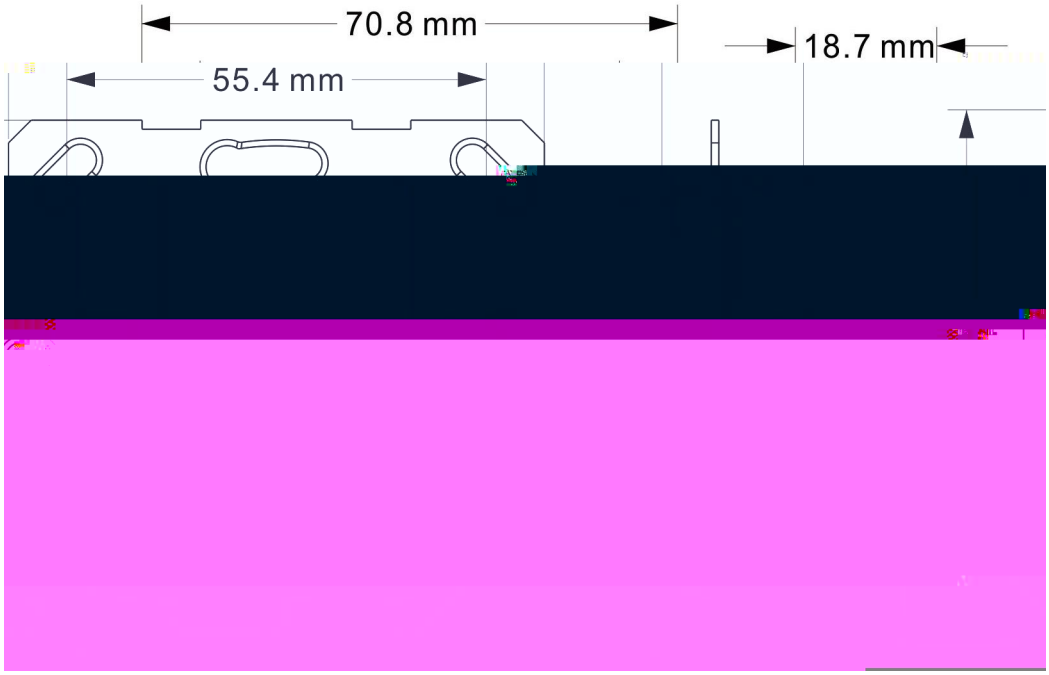
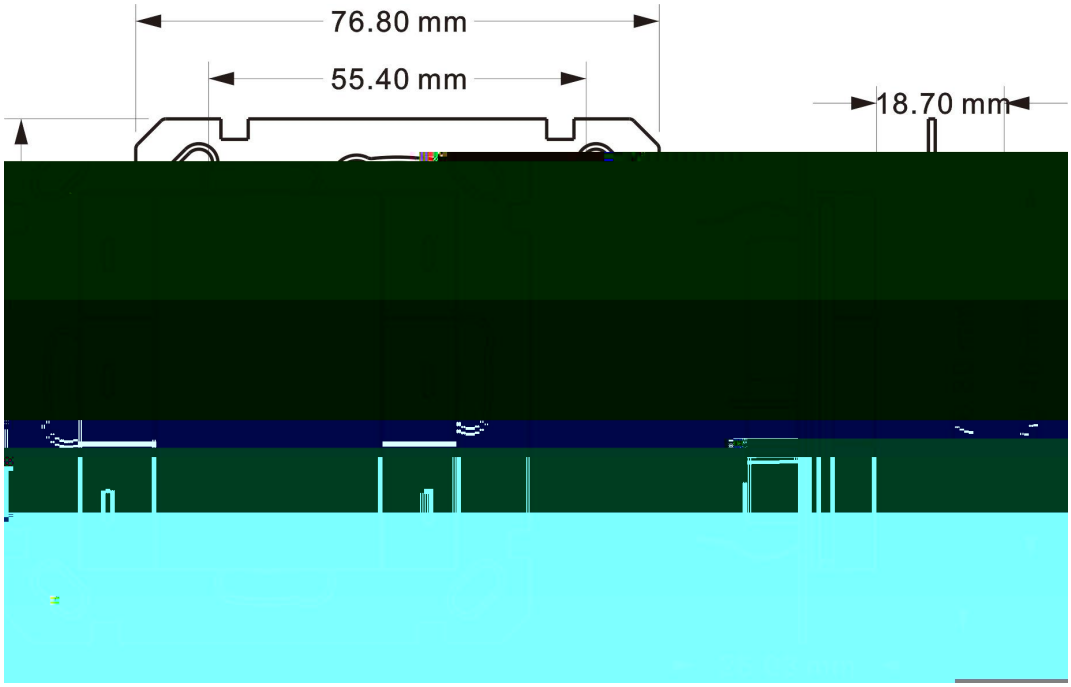
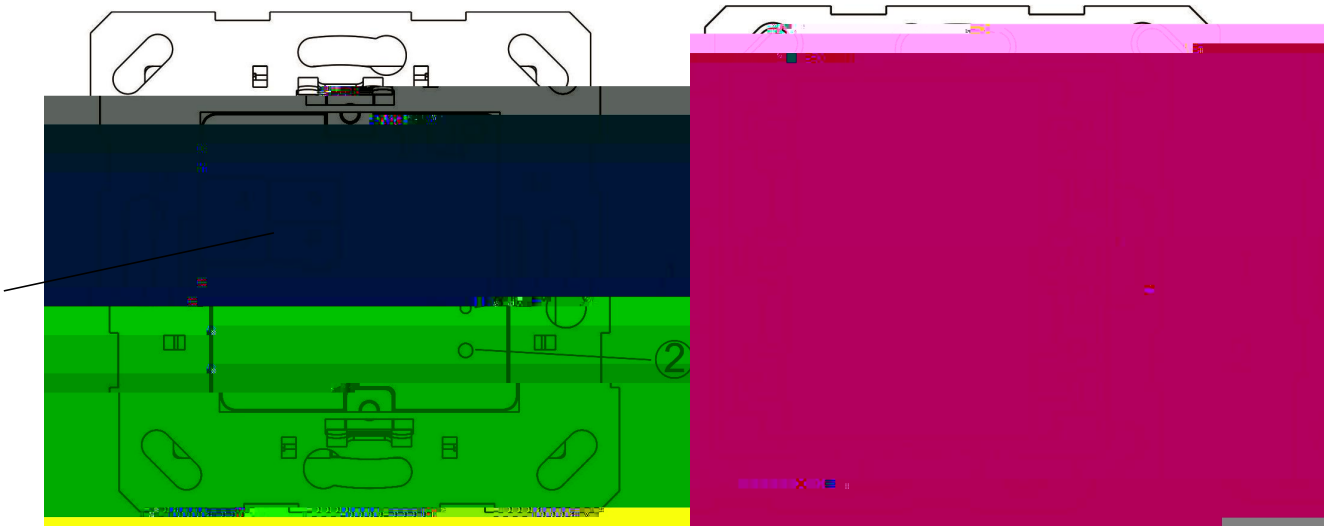
5.4 48
5.5 49
5.5.1 “AND/OR/NAND/NOR/XOR” 49
5.5.2 “Threshold comparator” 49
5.5.3 “Format convert” 50
5.6 52

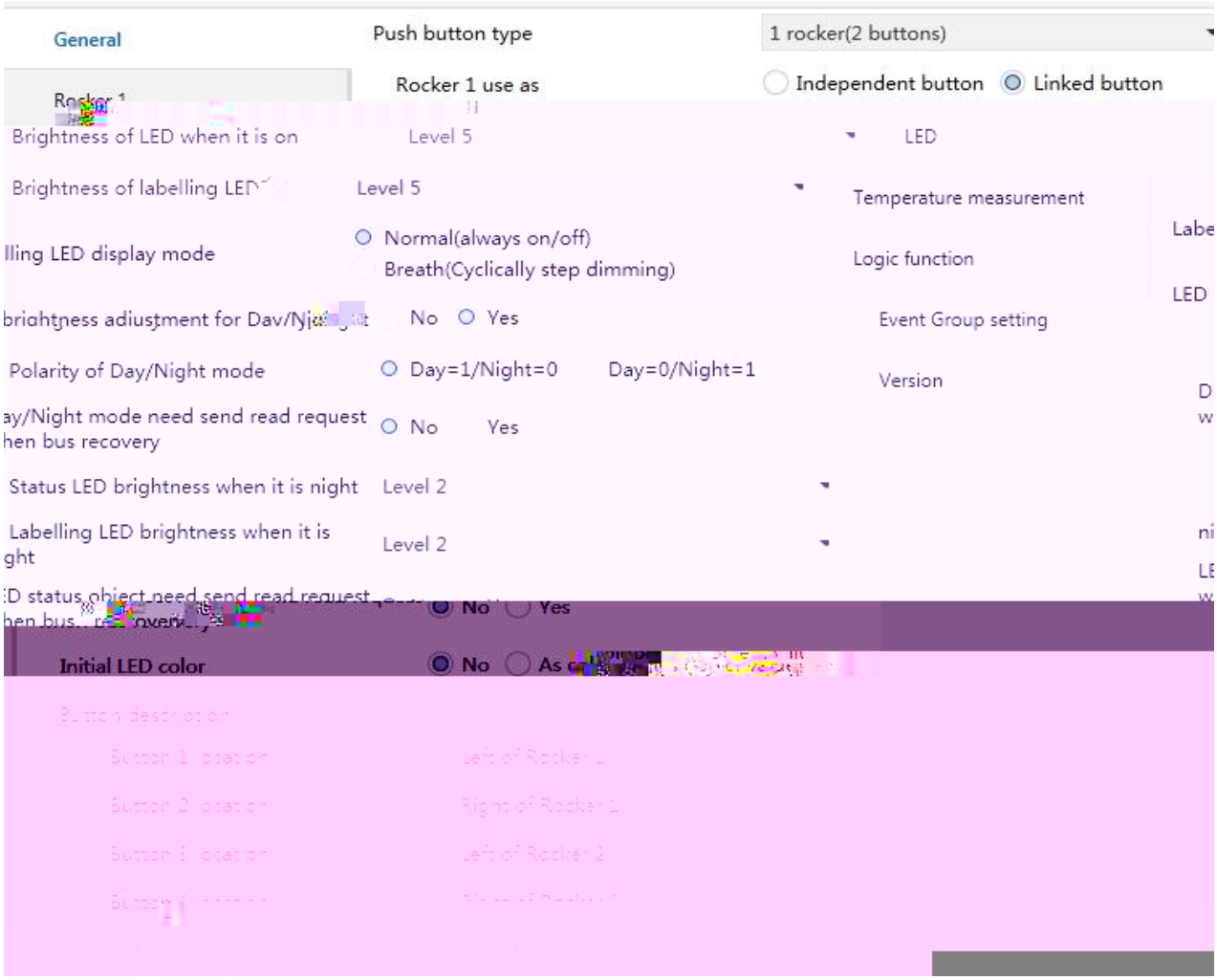
(

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" "
```

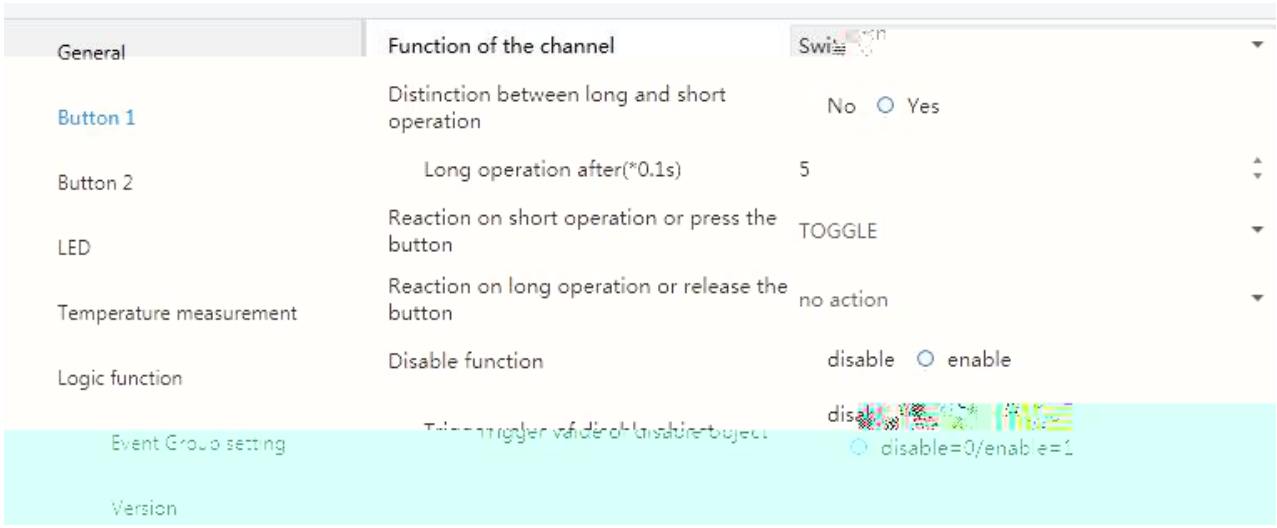
```
--     "Status LED brightness when it is night"
```

```
--     "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”

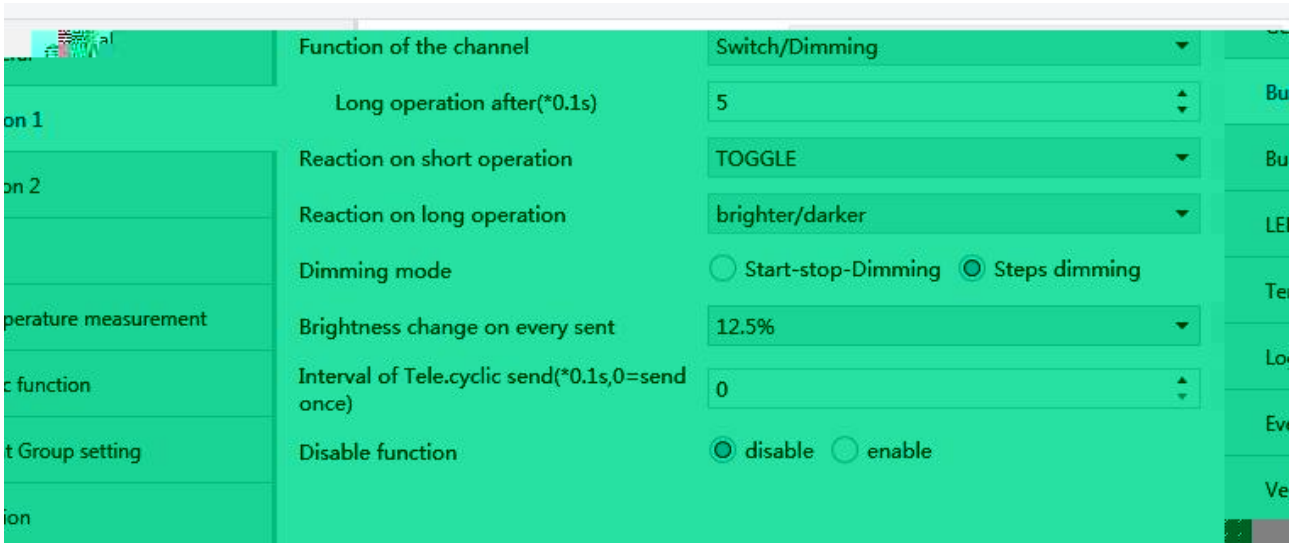
-- “Long operation after *0.1s ”

“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 "

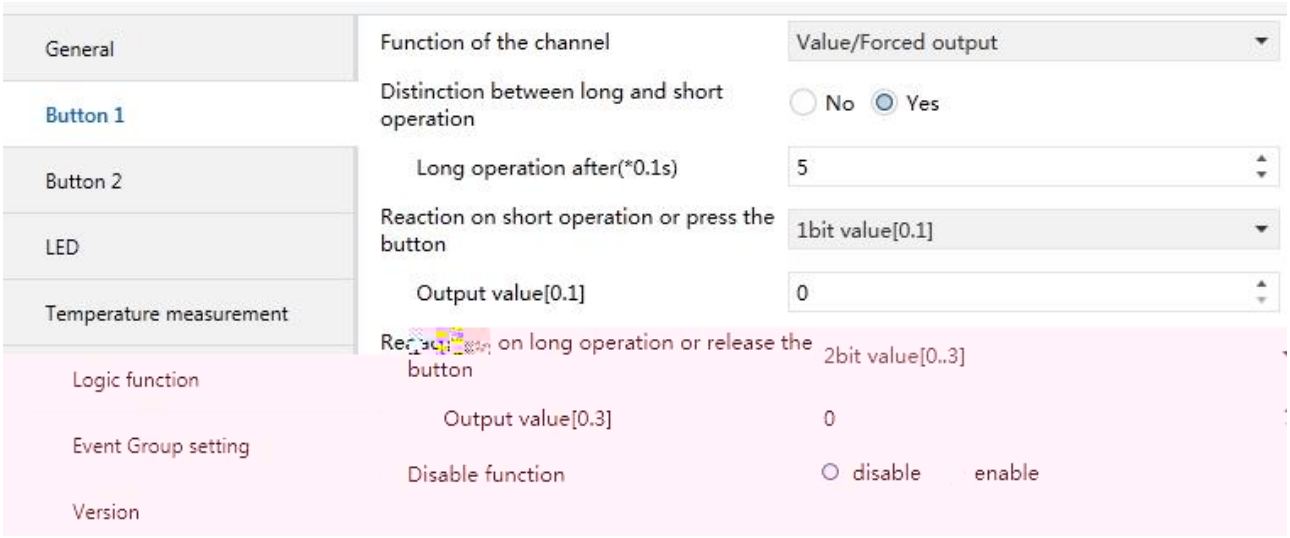
"Reaction on short operation"

"Reaction on long operation"

```
    "Dimming mode"
```

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

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



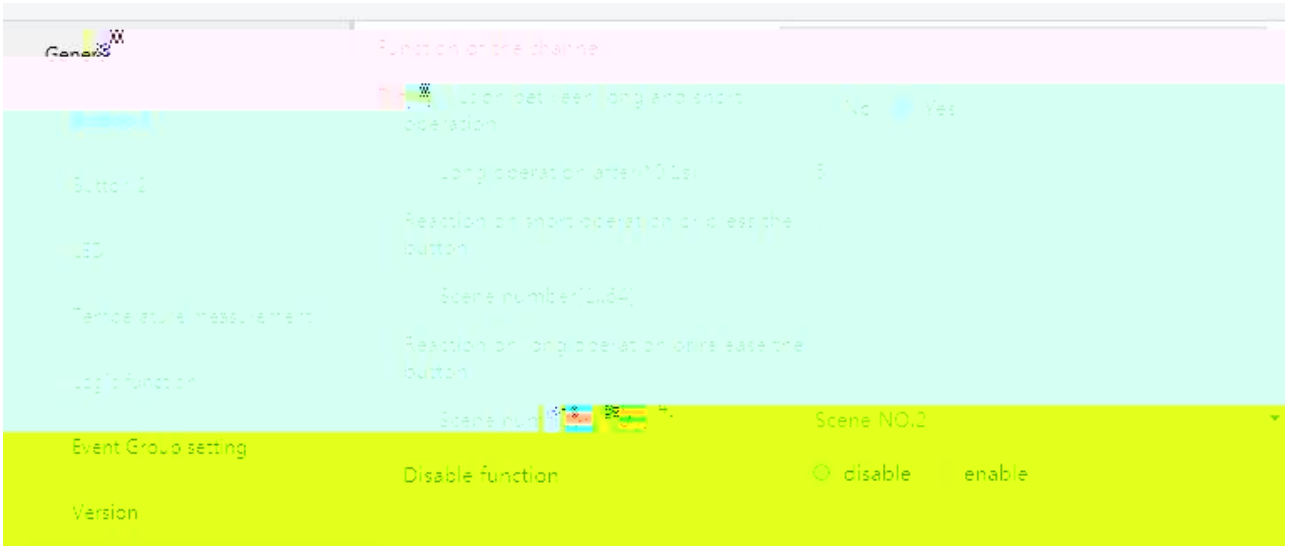
"Distinction between long and short operation"

-- "Long operation after *0.1s"

"Reaction on short operation or press the button"

"Reaction on long operation or release the button"

-- "Output value[…]"



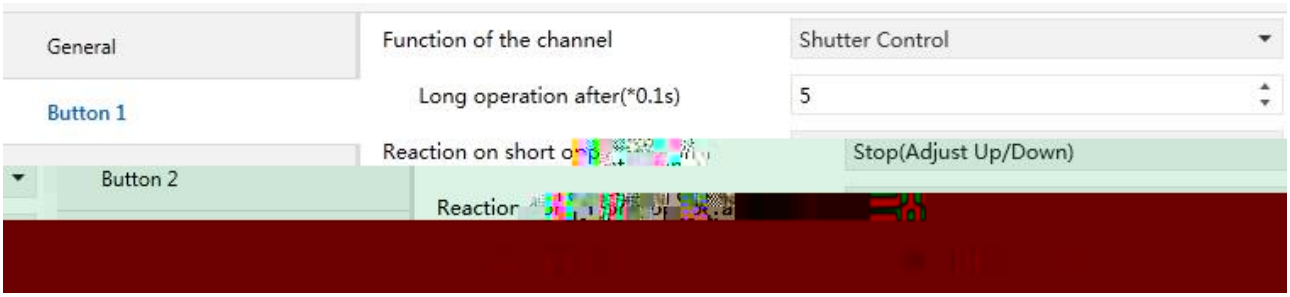
“Distinction between long and short operation”

– – “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 "

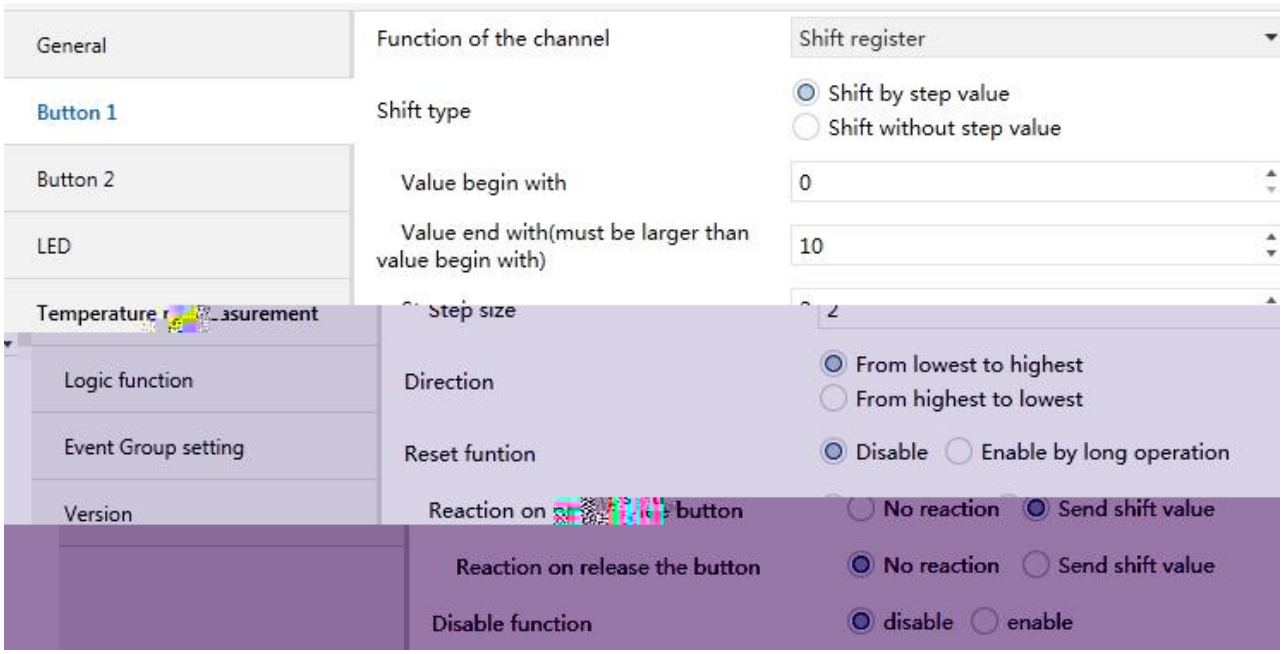
"Reaction on short/long operation"

(

(

(

-- "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"

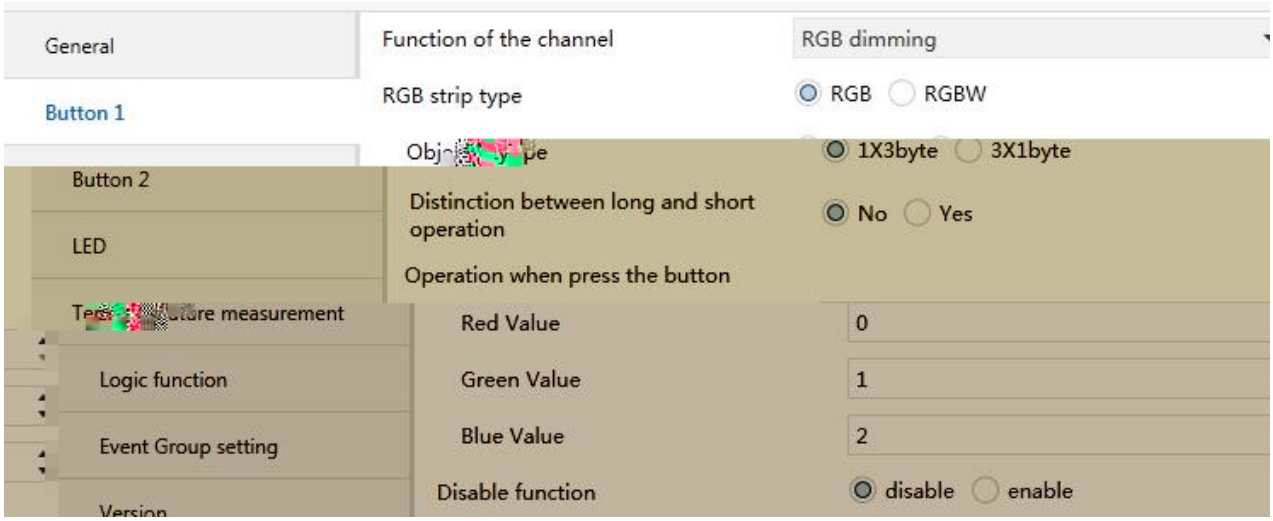
"Value 1...10"

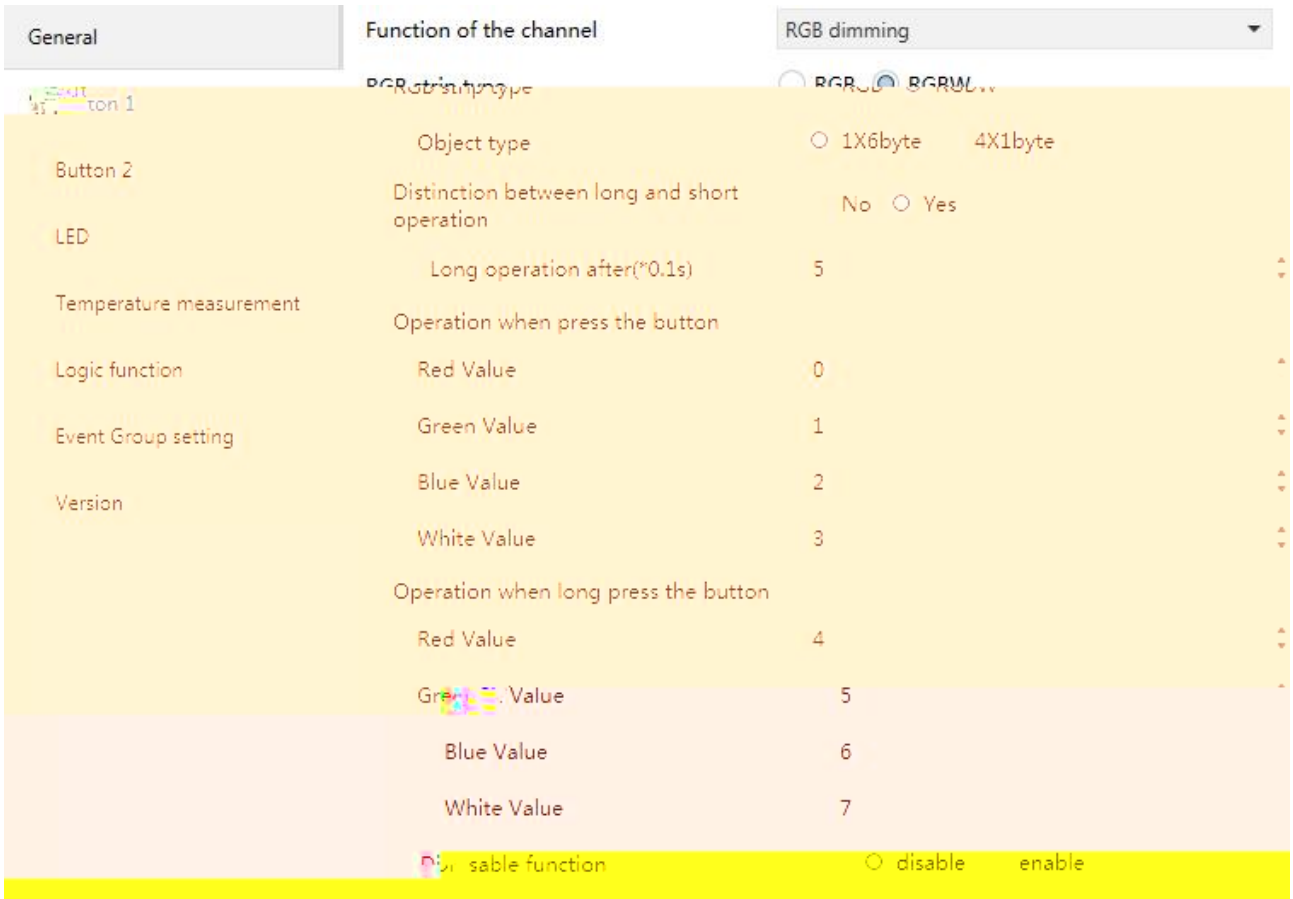
"Direction"

"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

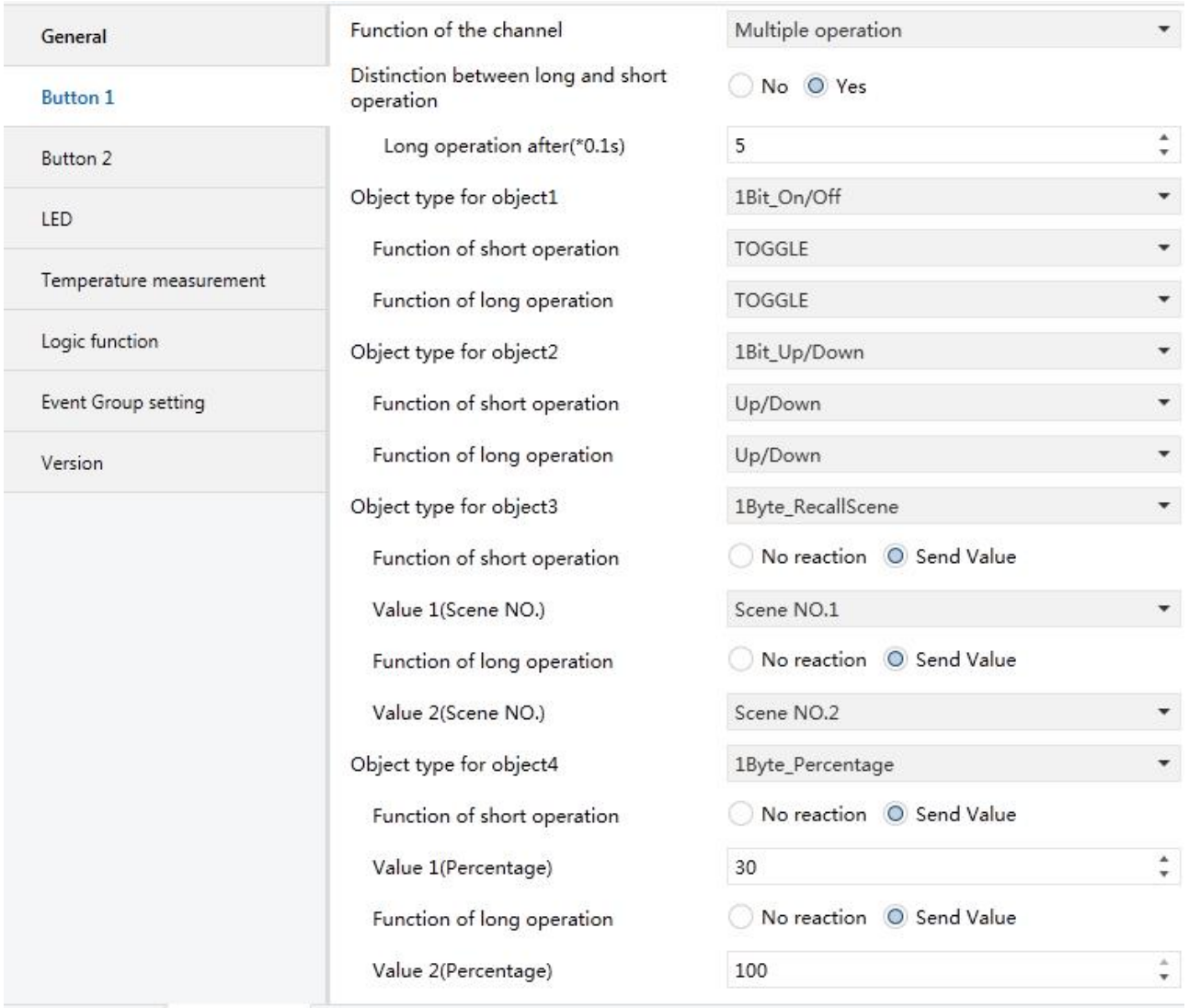
```
    "RGB strip type"
```

```
    "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”

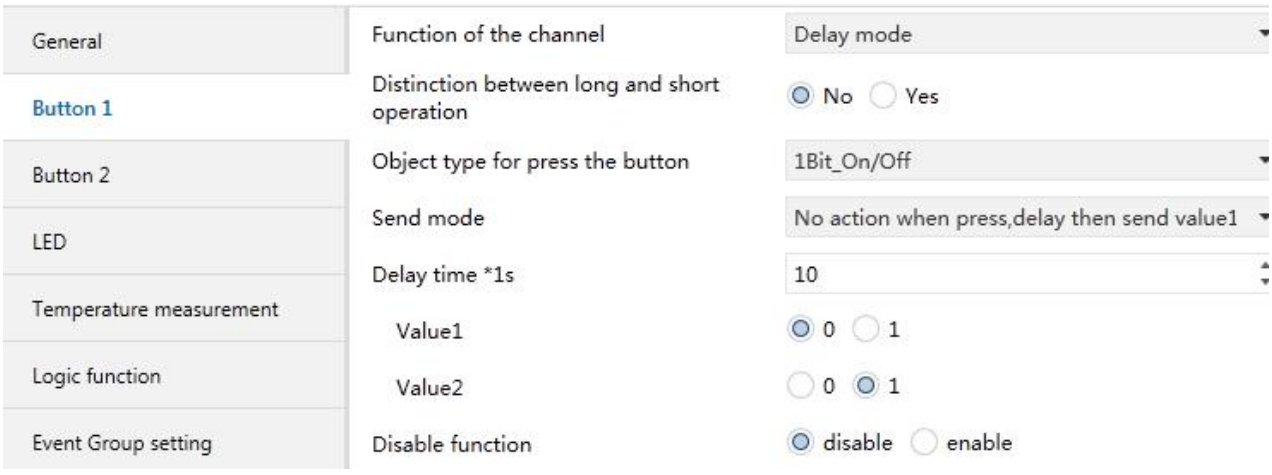
-- “Long operation after *0.1s ”

"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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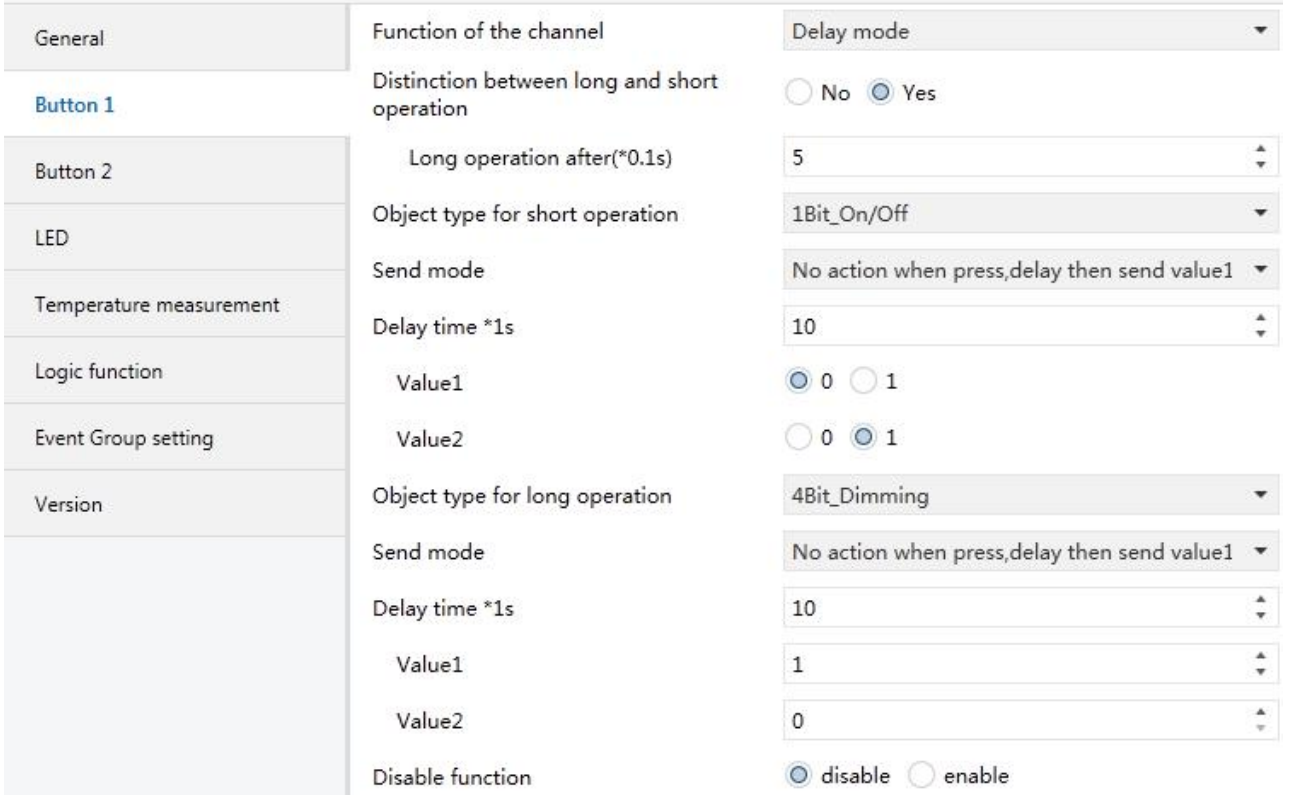


(

"Distinction between long and short operation"

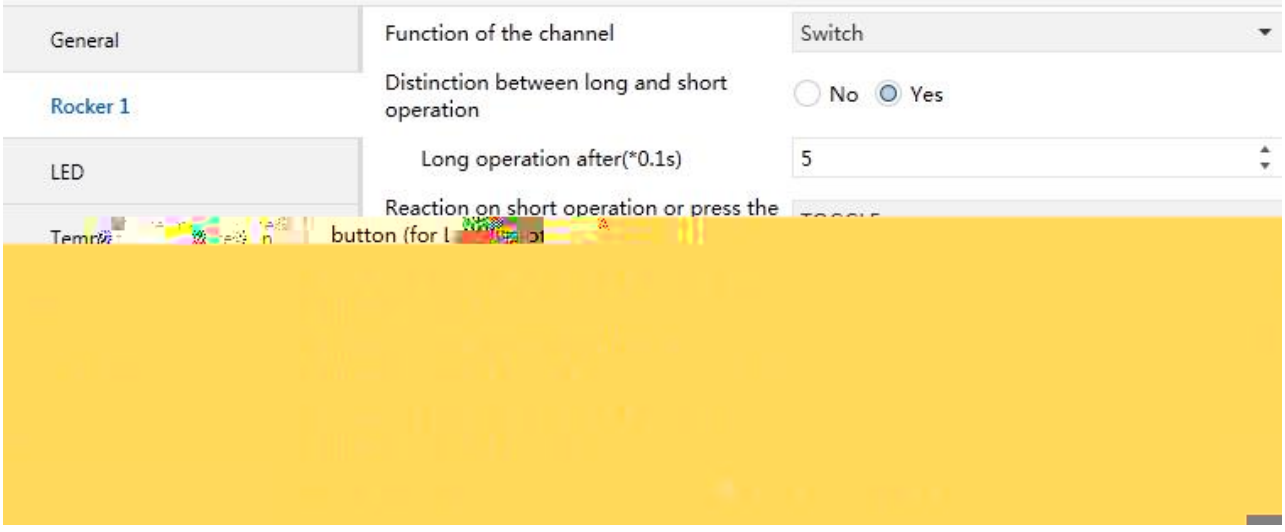
-- "Long operation after *0.1s "

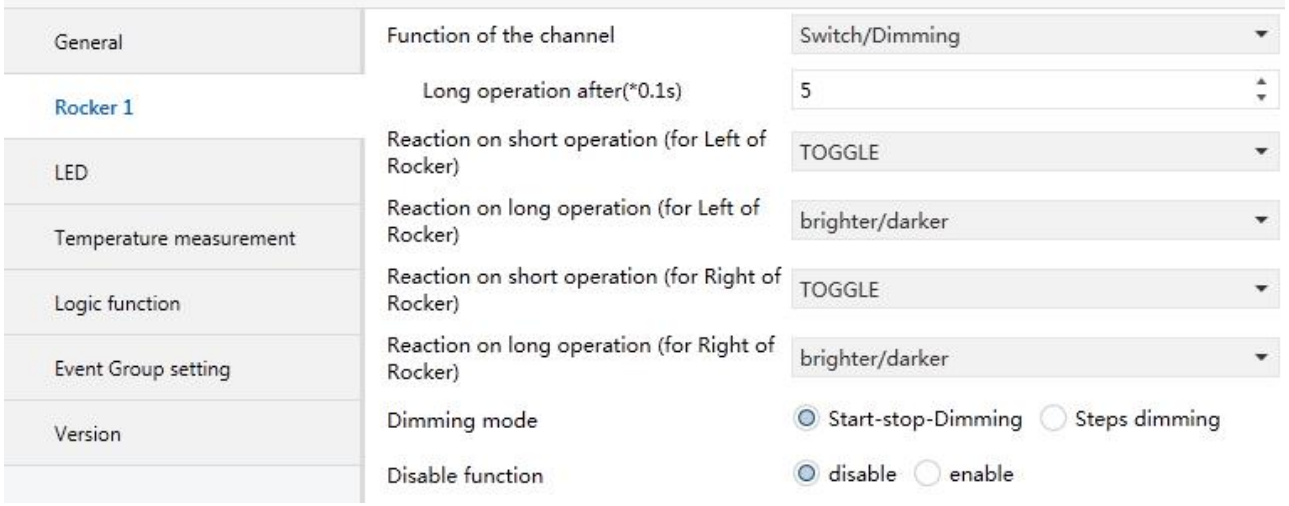
"Object type of press the button/ Object type of short operation/ Object type of long operation"

-- "Send mode"

-- "Delay time*1s"

-- "value1/2[…]"





"Long operation after *0.1s"

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

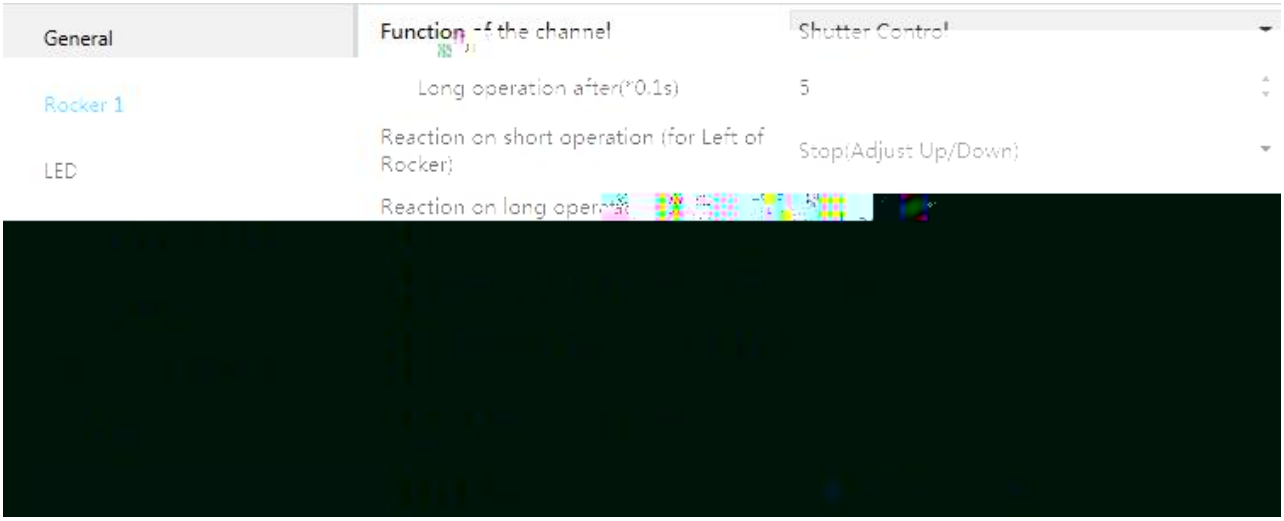
"Reaction on long operation for Left/Right of Rocker"

```
    "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"
```

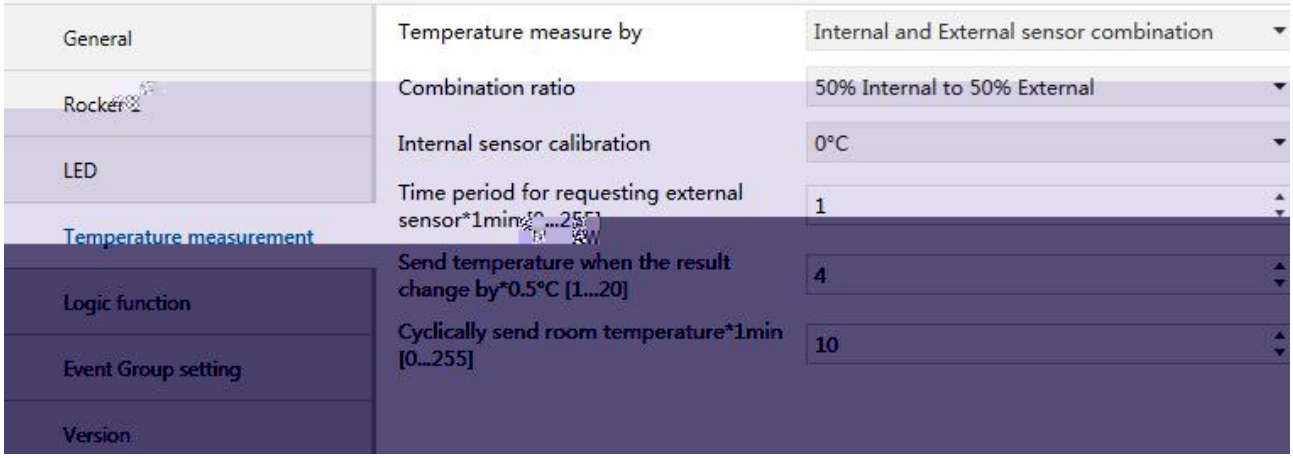
```
"If object value<threshold value, LED is"
```

```
"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"

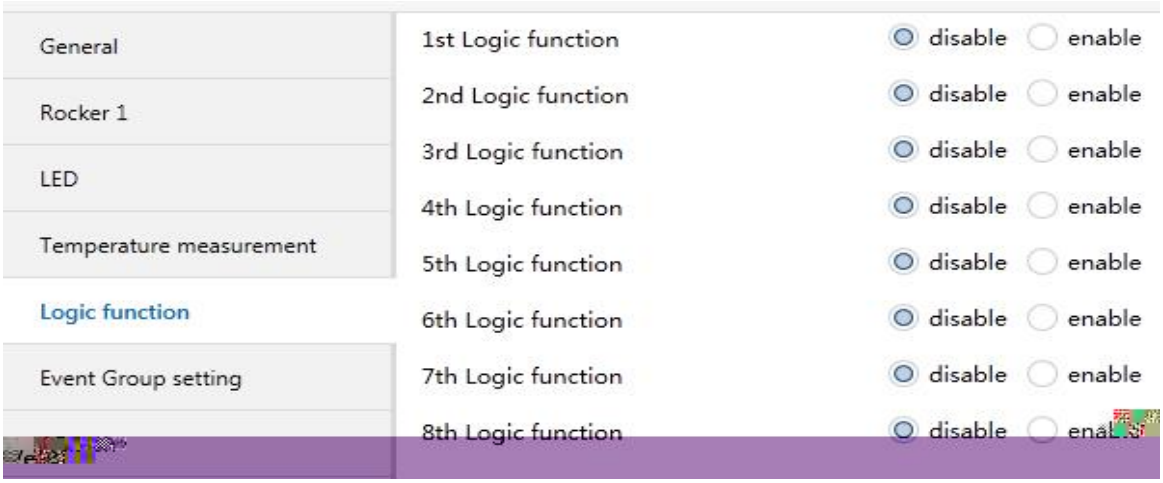
% %

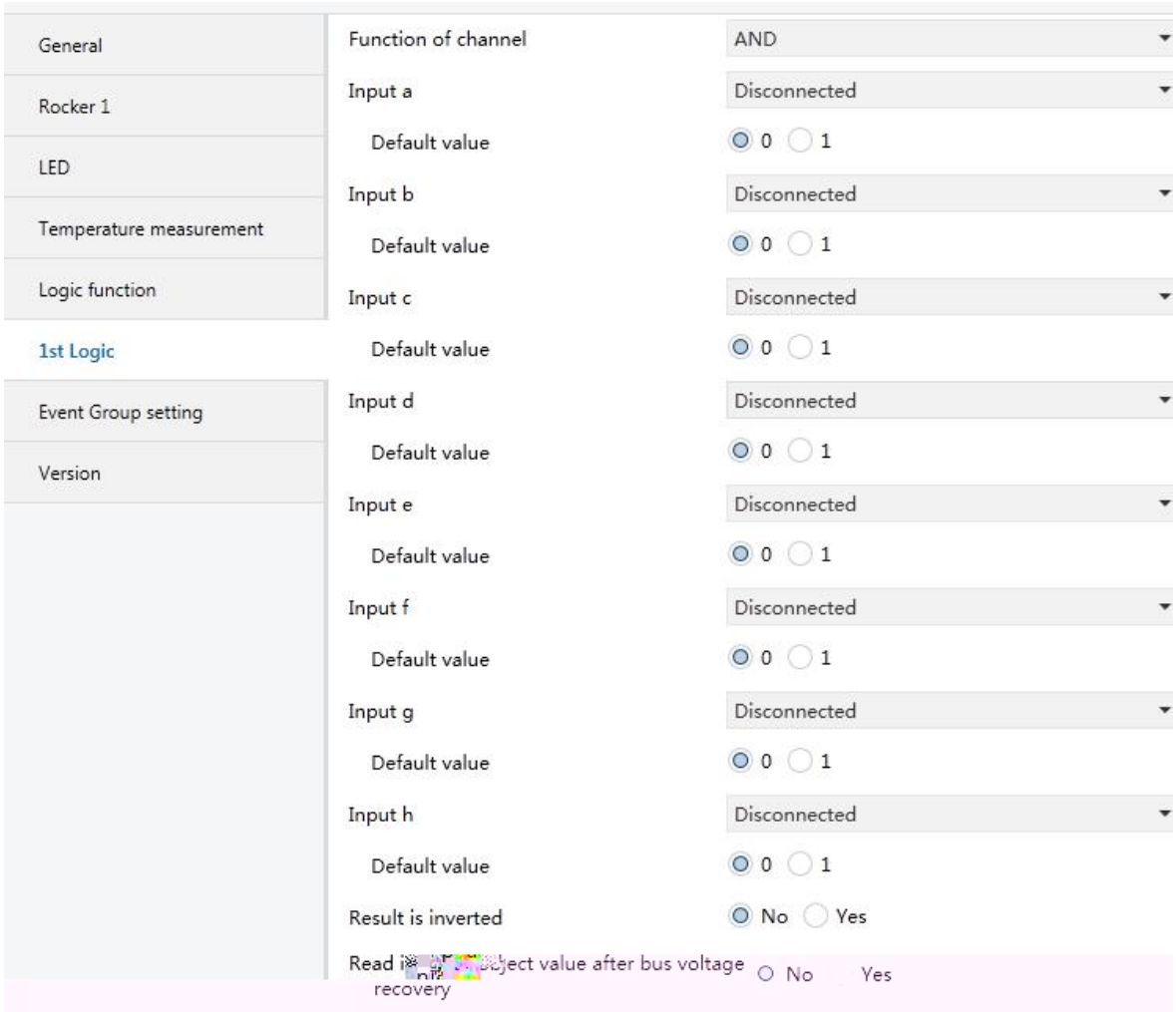
```
    "Internal sensor calibration"
```

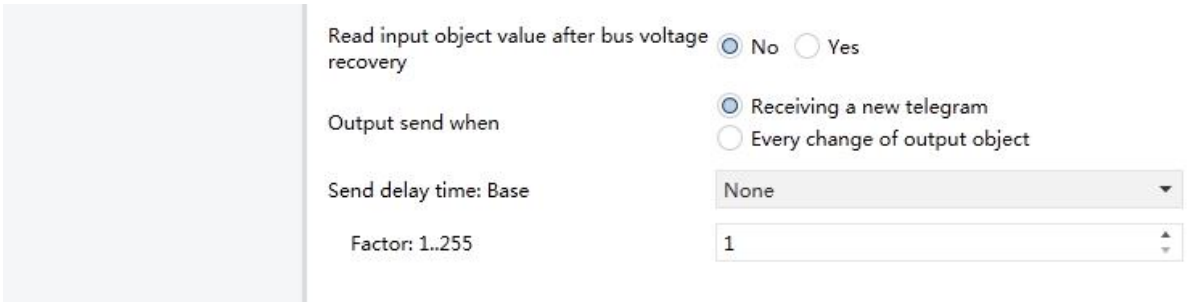
```
--      "Time period for requesting external sensor*1min [0..255]"
```

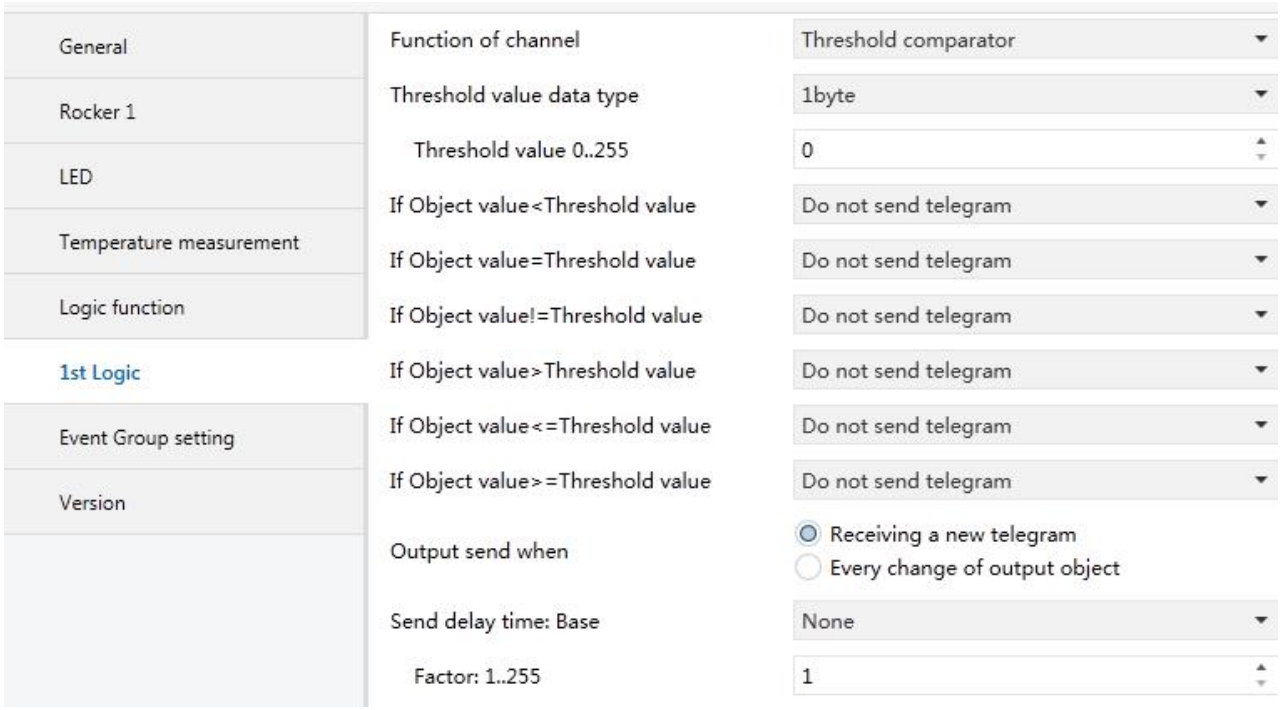
```
--      "Send temperature when the result change by*0.5  [1..20]"
```

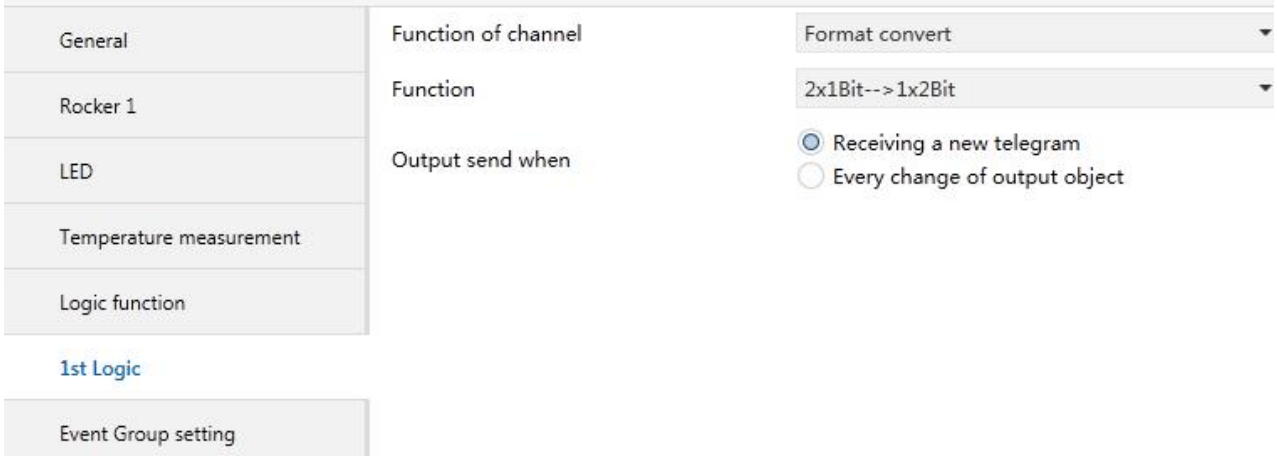
```
--      "Cyclically send room temperature*1min[0...255]"
```


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"

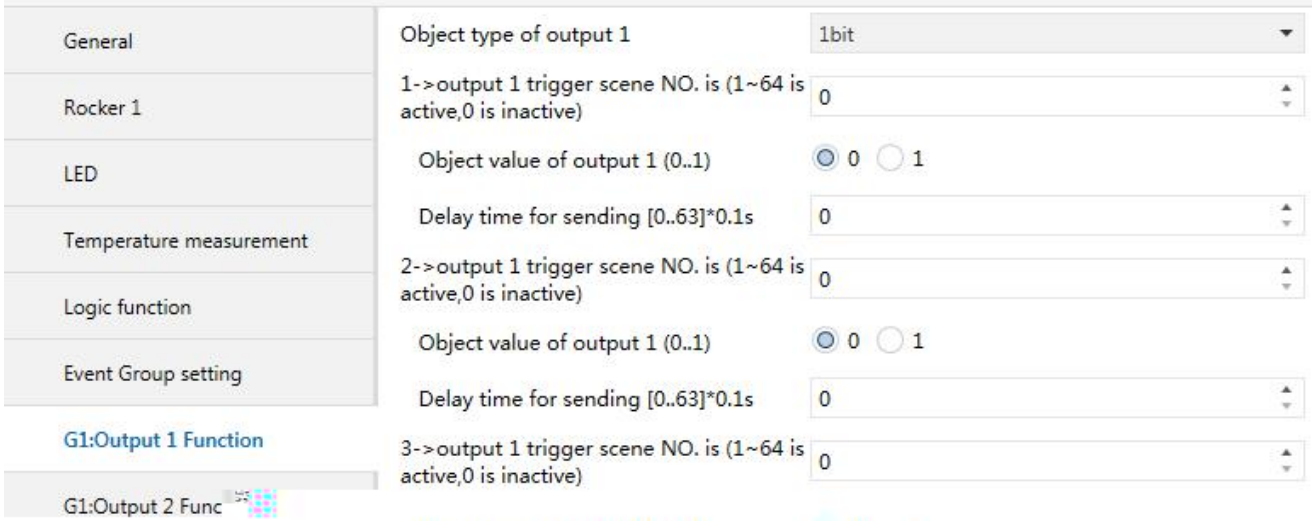
"If Object value!=Threshold value"

"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

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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(

(

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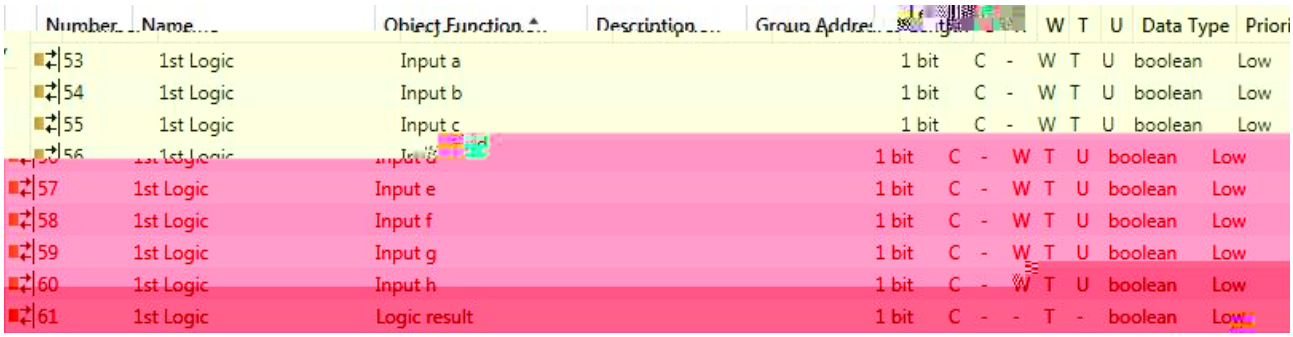
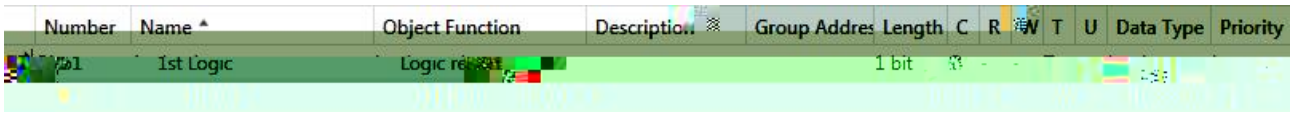
(B

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

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

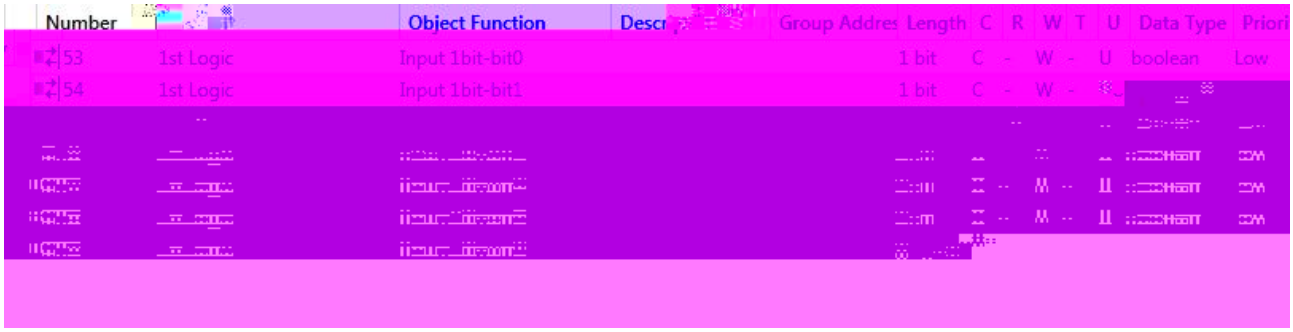


Number	Name	Object Function	Description	Group Addres	Length	C	R	W	T	U	Data Type	Priority
53	1st Logic	Input a			1 bit	C	-	W	T	U	boolean	Low
54	1st Logic	Input b			1 bit	C	-	W	T	U	boolean	Low
55	1st Logic	Input c			1 bit	C	-	W	T	U	boolean	Low
56	1st Logic	Input d			1 bit	C	-	W	T	U	boolean	Low
57	1st Logic	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



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

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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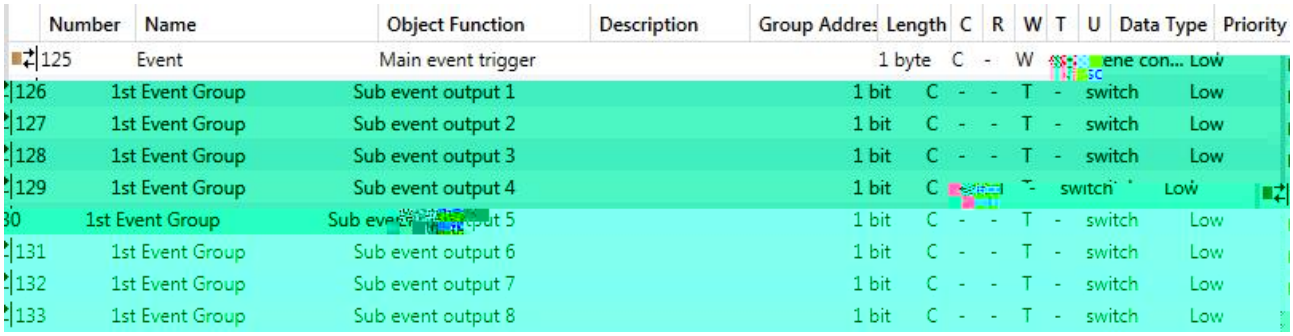

Number	Name	Object Function	Description	Group Addres	Length	C	R	W	T	U	Data Type	Priority
125	Event	Main event trigger			1 byte	C	-	W			ene con...	Low
126	1st Event Group	Sub event output 1			1 bit	C	-	-	T	-	switch	Low
127	1st Event Group	Sub event output 2			1 bit	C	-	-	T	-	switch	Low
128	1st Event Group	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