



S

2/4/6

KNX

S series KNX Push Button Sensor with Display,1/2/3-gang_V1.5

CHPBD-02/12.x.1y

CHPBD-04/24.x.1y

CHPBD-06/36.x.1y

x=1

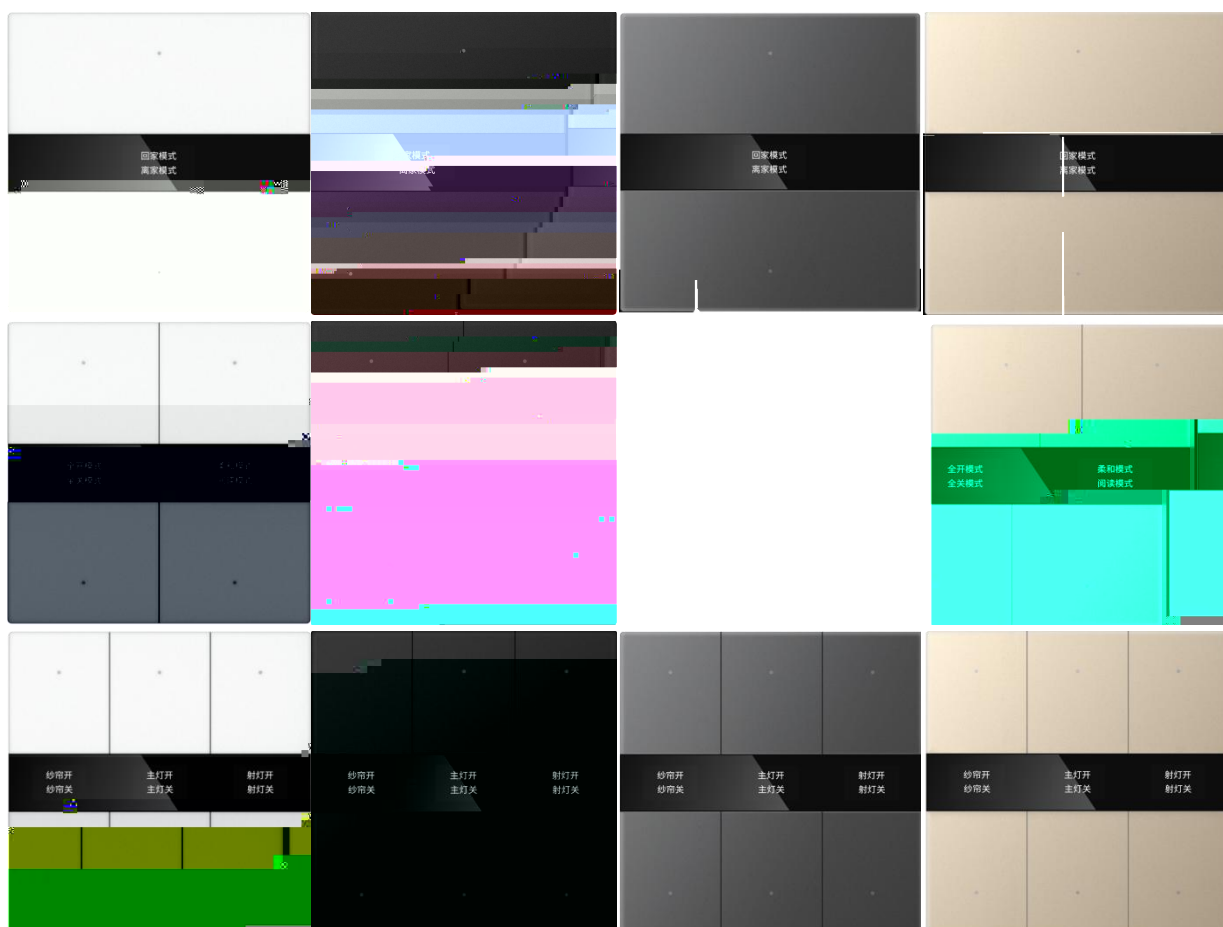
x=2

y=0

y=1

y=3

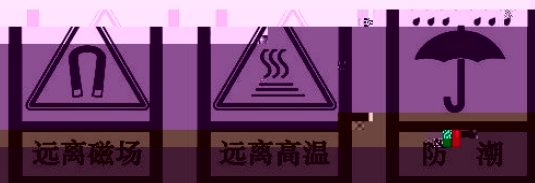
y=4



KNX/EIB

注意事项

1、请远离强磁场、高温、潮湿环境。



2、不要将设备摔落



设备；

3、不要使用湿布或具挥发性的试剂擦拭

6.4. "Logic"	86
6.4.1. "AND/OR/XOR"	86
6.4.2. "Gate forwarding"	86
6.4.3. "Threshold comparator"	87
6.4.4. "Format convert"	88
6.4.5. "Gate function"	90
6.4.6. "Delay function"	91
6.4.7. "Staircase lighting"	92
6.5. "Scene Group"	93
	94
7.1.	94
7.2.	97

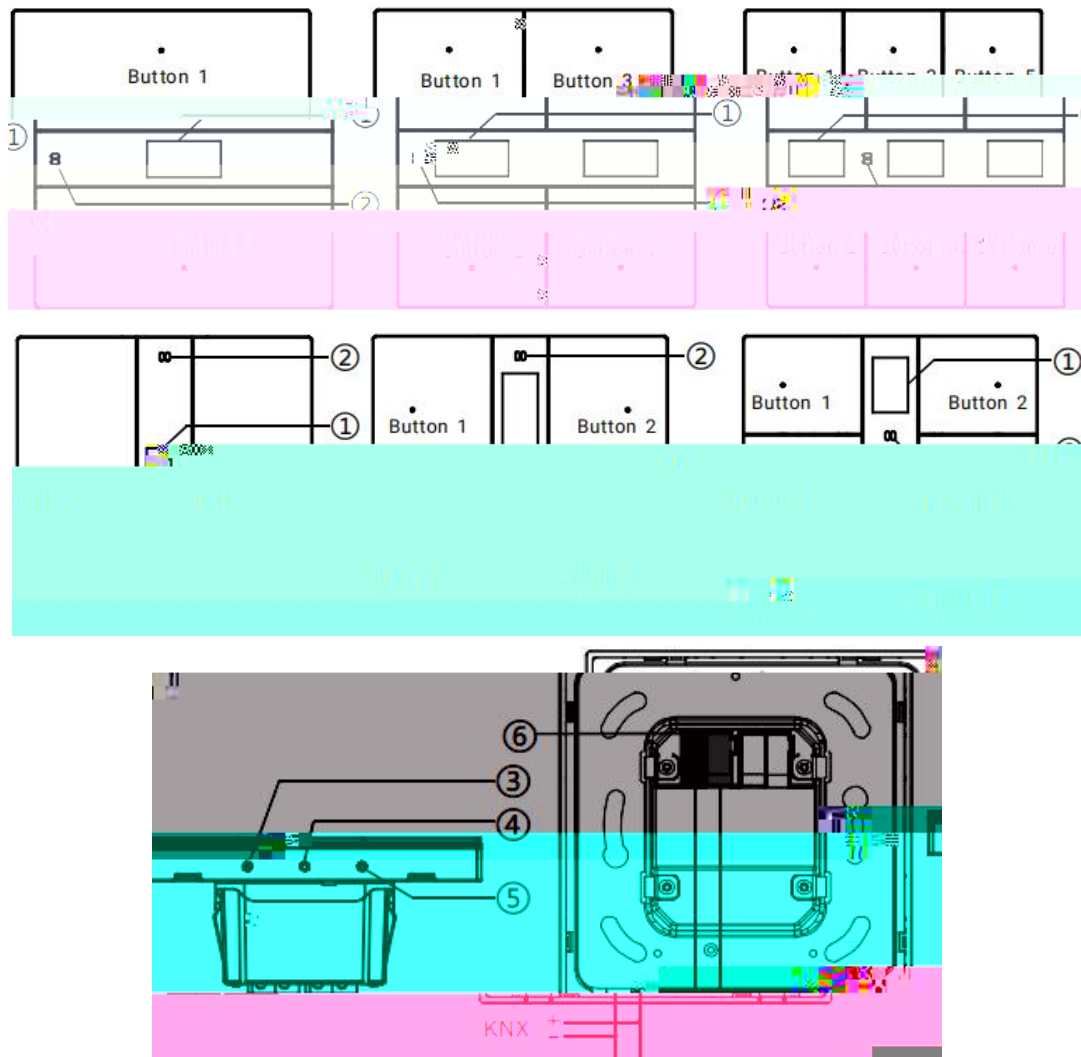




3.1.

□ □ □

3.2.



F

4

F

□

3

□

4

3

4 ,

4 ,

□

3



□

! □ k

f

k □

k

k

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□

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□

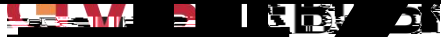
!

!

□

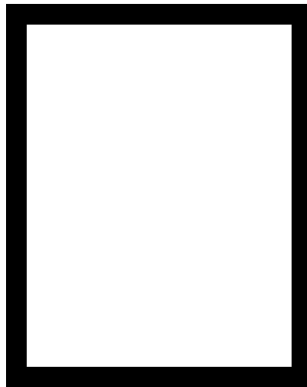
k

k



ES

5.1.KNX

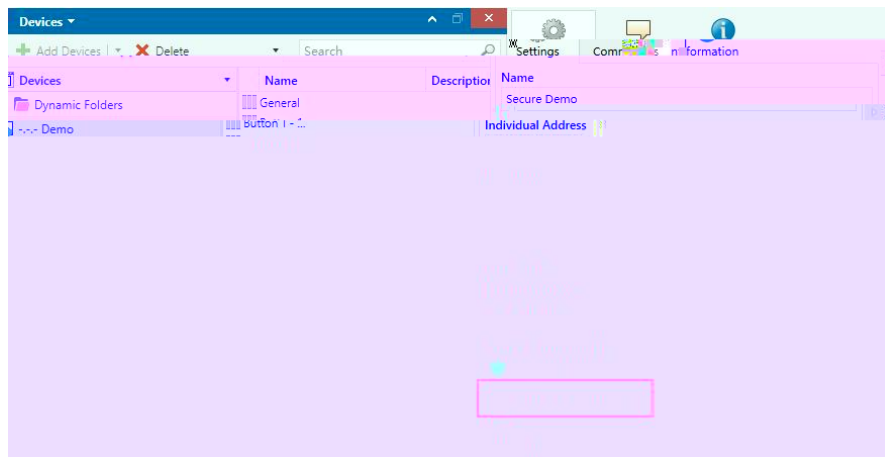




k



KNX



k

FDSK

KNX

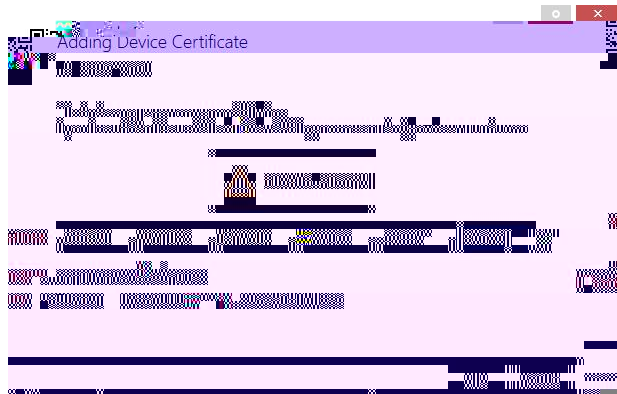
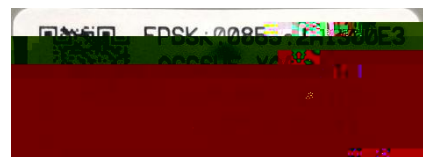


k

k



k

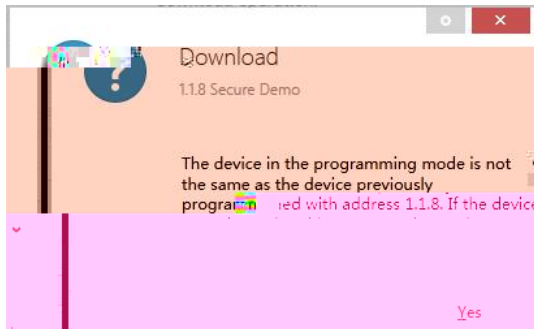
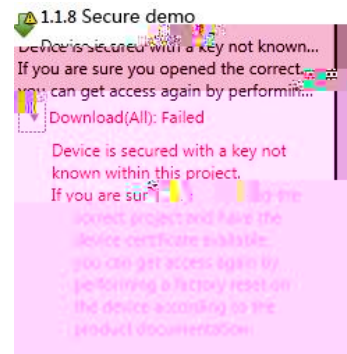


k





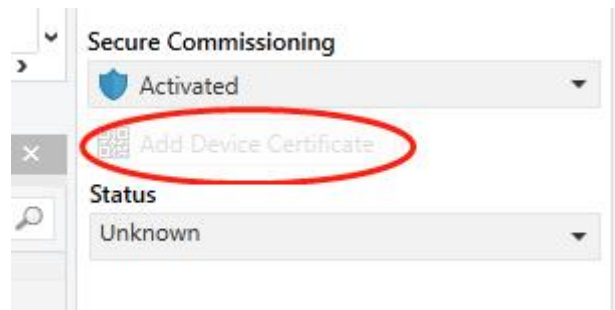
k



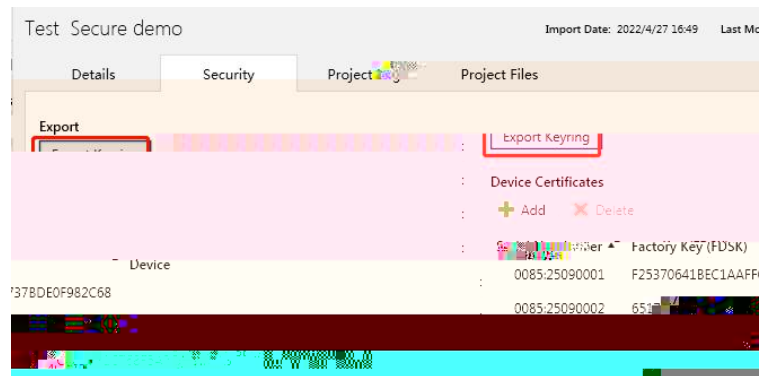
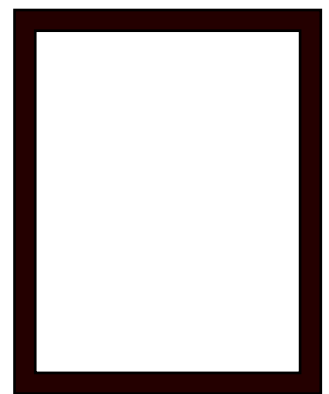
FDSK k



k

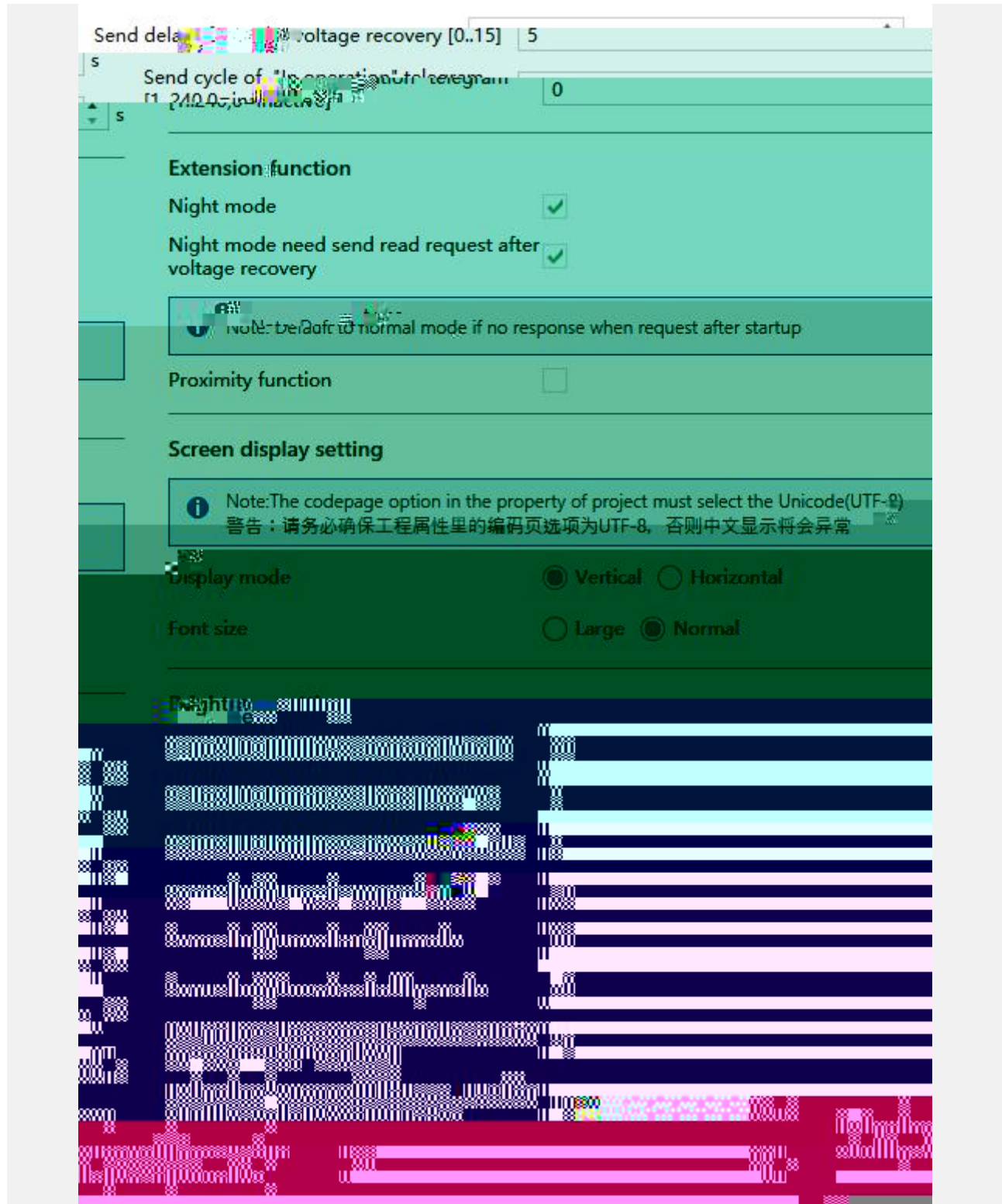


k



5.2. “General”

5.2.1. “General setting”





Panel orientation indication when turn off status LED	Always trigger
LED 6 reuse as indication LED	
Colour of indication LED	Yellow
Indication period time	20
Brightness of indication LED	5

"Send delay after voltage recovery [0..15]"

☐ k 0..15 s

☐ k

"Send cycle of "Send cycle of "In operation" telegram [1..240.0=inactive]"

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐



☐ ☐

views





"Status LED brightness in night mode"

□ □ k □ k

0%
5%
10%
20%
...
100%

"Status LED brightness in standby mode"

□ □ □ □ k □ □ k

5%
10%
20%
...
100%

"Screen brightness in normal mode"

□ □ k
20%
30%
...
100%

"Screen brightness in night mode"

□ □ k □ k

20%



30%

...

100%

"Screen brightness in standby mode"







5.2.2.

“p



5.2.3.

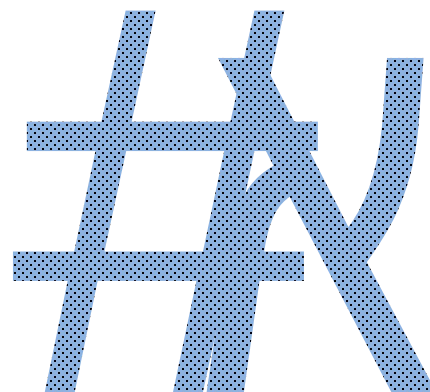
“Advanced setting”

Logic function

Scene group function



in front





-5.0K

...

0.0K

...

5.0K



30



k

"Send temperature when the result change by"



k

k

Disable

0.1K

0.2K

0.3K

0.5K

1.0K

...

10K

"Cyclically send temperature [0...255.0=inactive]"



k

k

0..255 min



k

"Send alarm telegram for low/high temperature"

k

No respond



Respond after read only

Respond after change



k

k

” ”

“Threshold value for low temperature alarm [0..15]”

k ☐ ☐

k

0°C

1°C

...

15°C

” ”

“Threshold value for high temperature alarm [30..45]”

k ☐ ☐

k

30°C

31°C

...

45°C



"Push button type"

k

k

k

* *

" Long operation for button after [3..250]"

k

k

3..250 *0.1s

"Button x" (x=1~6)

k

"Function of Channel"

k

Switch

Dimming

RGB switching/sena [ZEPY](#)

RGBW switching/sena [ZEPY](#)

Colour temperature switching/sena [ZEPY](#)

Value senar

Scene control

Blina

[7 LMI](#) register

[1 YPMT](#) operation

[\(I H \)](#) moa

"Description (max 16char.)"

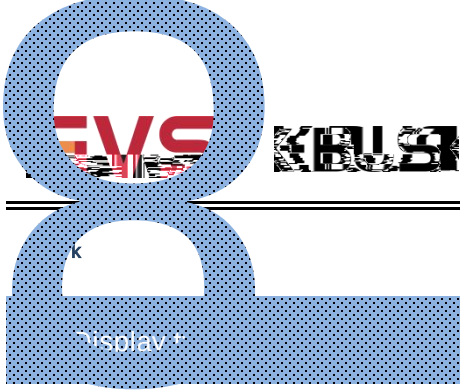
□

k

k

16

4



k

Description of button

Icon only

Icon + Description of button +

"Icon"

"Icon preview"

k

General light

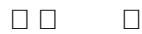
...

Not Disturb



k

"Colour of the icon and description"





ON

TOGGLE

k



k

"Number of objects"



k



k

1

2

"Disable function"

k

Disable

Disable=1/Enable=0

Disable=0/Enable=1

* *

"Status LED indication when button disable"

k



k

No

Flashing



5.4.2.



"Reaction on short operation"

□ □ □ □ □ □ □ □ □ □ □ □

100%

50%

...

1.56%

“ Interval of tele. cyclic send [0..25,0=send once]”

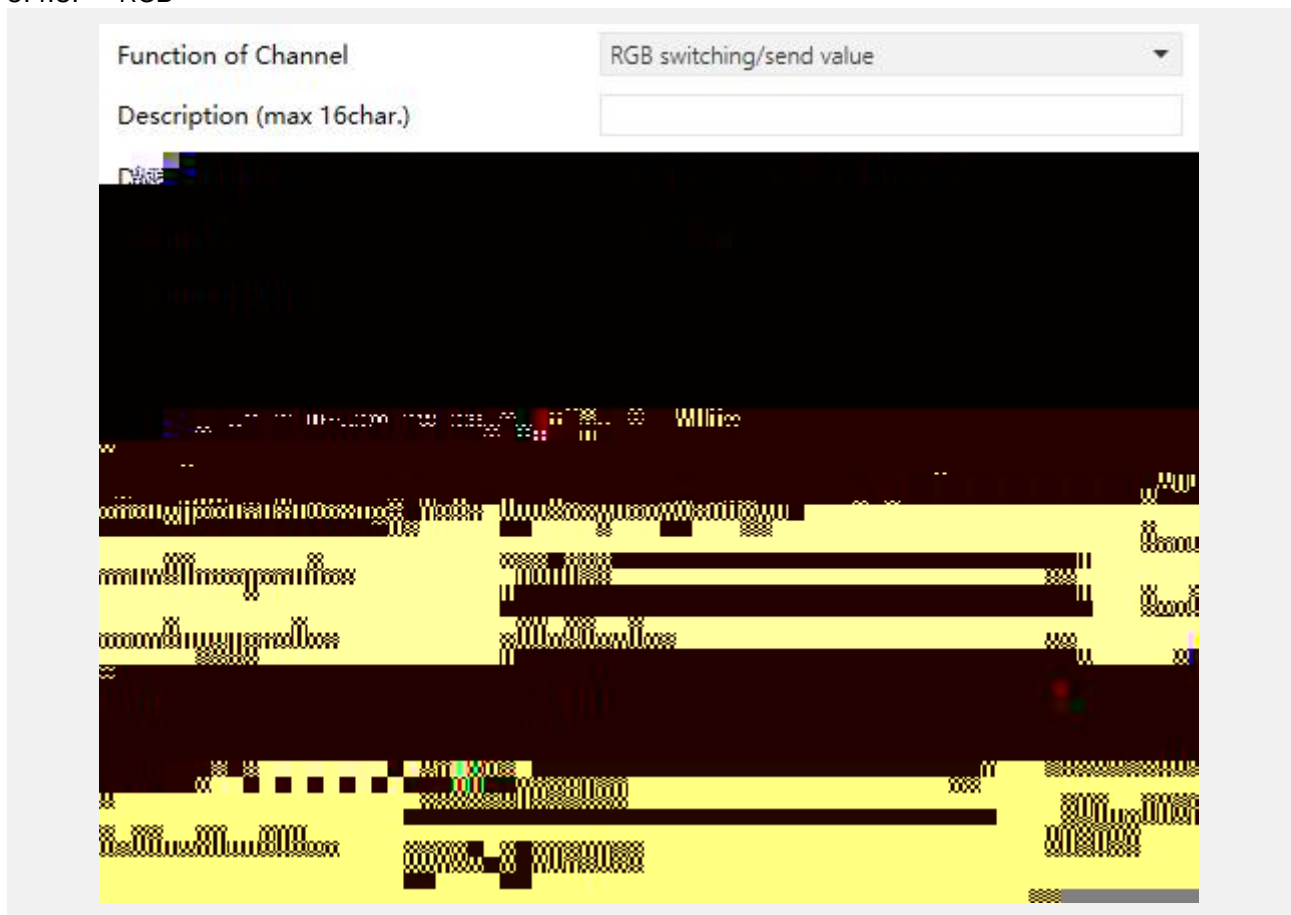


k

k

0..25 *0.1s 0=

5.4.3. RGB



“Object datatype of absolute brightness”

k



1x3byte

3byte

RGB

3x1byte

1byte

RGB

"Reaction on short operation"

"Reaction on long operation"

k

No reaction

OFF

ON

TOGGLE

Absolute value

* *

"RGB value"



k

k

#000000..#FFFFFF

5.4.4. RGBW

Function of Channel

RGBW switching/send value

Description (max 16char.)

Display type

Icon + Description of button

Icon

RGB light

Icon preview



Colour of the icon and description

White

Object datatype of absolute brightness

byte 4x1byte

Reaction on short operation

Absolute value

Reaction on long operation

"Object datatype of absolute brightness"

k

1x6byte

6byte

RGBW

4x1byte

1byte

RGBW

"Reaction on short operation"

"Reaction on long operation"

k

5.4.5.

Function of Channel	Colour temperature switching/send value
Description (max 16char.)	
Display type	Icon + Description of button
Icon	Downlight 1
Icon preview	
Colour of the icon and description	White
Reaction on short operation	TOGGLE
Reaction on long operation	Absolute value
Brightness value	100 %
Colour temperature value	4000 K
Function	Disable 1/Enable 0

"Reaction on short operation"

"Reaction on long operation"

k

No reaction

OFF

ON

TOGGLE

Absolute value

* "Send brightness value"

□

k

□

k

0..100%

* * "Send Colour temperature value"



k

k

1000...10000K

5.4.6.

Function of Channel	Value sender
Description (max 16char.)	
Display type	Icon Description of button
Icon	General light

"Reaction on short operation"

"Reaction on long operation"

k

No reaction

1bit value[On/Off]

2bit value[0..3]

4bit value[0..15]

1byte value[0..255]

2byte value[0..65535]

2byte float value

4byte value[0..4294967295]

4byte float value

* *

"Value 1/2"



k

k

k

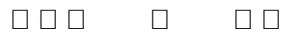
5.4.7.

Function of Channel	Scene control
Description (max 16char.)	
Display type	Icon + Description of button
Icon	General scene 1
Icon preview	
Colour of the icon and description	White
Reaction on short operation	Recall scene
8 bit scene number	Scene No.1
Reaction on long operation	Store scene
8 bit scene number	Scene No.1
Number of objects	☒ 1 ☐ 2
Visible	Scene No.1, Position 0



"Reaction on short operation"

"Reaction on long operation"



5.4.8.

Function of Channel	Blind
Description (max 16char.)	
Display type	Icon + Description of button
Icon	Curtain
Icon preview	
Colour of the icon and description	White
Reaction on short operation	Stop(Adjust Up)
Reaction on long operation	Up/Down
Disable function	Disable (Status=0)
Status LED indication when button disable	☒ No ☐ flashing



"Reaction on short operation"

"Reaction on long operation"

k

No reaction

Up

Down

Up/Down

Stop(Adjust Up)

Stop(Adjust Down)

Stop(Adjust Up/Down)

k



k



□ k

* *

" Interval of tele. cyclic send [0..25.0=send once] "

k



k

0..25 *0.1s 0

5.4.9.

Function of button	Shift register
Description (max 16char.)	
Display type	Icon + Description of button
Icon	General light
Icon preview	
Colour of the icon and description	White
Shift type	☒ Shift by step value ☐ Shift without step value
Value begin with	0
Value end with (must be larger than value begin with)	10
Step size	2
Direction	From lowest to highest and cyclically
Disable function	☒ Disable ☐ Enable by long operation
Disable function	Disable=1/Enable=0
Status LED indication when button disable	☒ No ☐ Flashing



☐	"Shift by step value"	k	
' '	"Value begin with"	k	0..240
' '	"Value end with(must be larger than value begin with)"	k	1..250
		k	
' '	"Step size"		
		k	0..240
☐	"Shift without step value"	k	
	"Object datatype"	k	1byte unsigned value/Scene number/HVAC mode
' '	"Shift number"	k	
		k	1/2../10
' '	"Value x"(x=1~10)		
		k	0..255/Scene No.1~64/Comfort mode/Standby mode/Economy mode/Frost/heat protection
	"Direction"		
		k	
	From lowest to highest and stop to the end		
	From highest to lowest and stop to the begin		
	From lowest to highest and cyclically		



From highest to lowest and cyclically

k

k



k



k

"Reset function"

k

Disable

Enable by long operation



k

5.4.10.

Function of Channel	Multiple_operation	▼
Description (max 16char.)		
Display type	Icon + Description of button	▼
Icon	General light	▼
Icon preview		
of four or the icon and description	write	▼
Object type for object1	1Bit_On/Off	▼
Function of short operation	TOGGLE	▼
Function of long operation	No reaction	▼
Object type for object2	Disable	▼
Object type for object3	Disable	▼
Object type for object4	Disable	▼
Function	Disable=1/Enable=0	▼
LED indication when button	☒ No ☐ Yes	

Object type for object x*(x=1~4)

VXG

- * * "Function of short operation"
- * * "Function of long operation"

k

- * * "Value x..."(x=1~2)

k

k

k

5.4.11. □ □

Function of Channel

Delay mode

Description (max 16 characters)

Display type

Icon + Description of button

Icon

General light

Icon preview

Color of the icon

Color description

White

Object type for short operation

1Bit_On/Off

No action when operation, delay then send value1

Delay time [0..65535]

10

s

Value 1

Value 2

Object type for long operation

Disable

Disable=1/Enable=0

Status LED indicator

disable

button

No

Flashing



"Object type for short operation"

"Object type for long operation"

k

Disable

1Bit_On/Off

4Bit_Dimming

1Byte_Unsigned value

* *

" Send mode"

☐ k

No action when operation,delay then send value1

☐

1

No action when operation,delay then send value2

☐

2

Send value1 when operation,delay then send value2

1 ☐

2

Send value2 when operation,delay then send value1

2 ☐

1

* *

" Delay time [0..6500]"

☐

k

0..6500 s

* *

"Value x"(x=1~2)

k

k

5.4.12. LED

Status LED indication	Control by button switch object
When object value="0", LED is	OFF
When object value="1", LED is	Blue

Status LED indication	Control by external object
External object datatype	☒ 1bit ☐ 1byte
When object value="0", LED is	OFF
When object value="1", LED is	Blue

Status LED indication	Control by external object
External object datatype	☐ 1bit ☒ 1byte
Threshold value is	50



"Status LED indication"

k ☐

☐

☐

Disable

Control by button switch object

☐

Control by external object

Indicate button press

Always on

☐

☐

☐

☐

k

☐ LED

"Control by button switch object"

k

* * "When object value="0", LED is"

* * "When object value="1", LED is"

☐

☐

k

OFF

Orange

Red

Cyan blue

Green

Customized colour 1

1

Blue

Customized colour 2

2

White

Customized colour 3

3

Yellow

Customized colour 4

4

Cyan

Customized colour 5

5

Magenta



☐ LED

“Control by external object”

k

* *

“External object datatype”

k

1bit

1byte



k

k

’ ’

“When object value=“0”, LED is”

’ ’

“When object value=“1”, LED is”

k

OFF

Orange

Red

Cyan blue

Green

Customized colour 1

1

Blue

Customized colour 2

2

White

Customized colour 3

3

Yellow

Customized colour 4

4

Cyan

Customized colour 5

5

Magenta



k

” ” “Threshold value is”

k 1..255

” ” “If object value<threshold value, LED is”

” ” “ If object value=threshold value, LED is”

” ” “ If object value>threshold value, LED is”

k

OFF Orange

Red Cyan blue

Green Customized colour 1 1

Blue Customized colour 2 2

White Customized colour 3 3

Yellow Customized colour . ge . yan (+ !

Customized colour 5 5

Magenta



2
ent



□ LED

“Ind]ǎ ǎl!

5.5. "Logic"

1st Logic function	☒
2nd Logic function	☒
3rd Logic function	☒
4th Logic function	☒
5th Logic function	☒
6th Logic function	☐

Description for logic function

Function of channel

AND

"1st/2nd/3rd... Logic function"

☐

☐

k

k

"Description for logic function"

☐

k

k

"Function of channel"

k

AND

OR

XOR ☐

Gate forwarding

Threshold comparator

Format convert ☐

Gate function

Delay function ☐

Staircase lighting

k

Description for logic function

Function of channel AND

Input a Disconnected

ult value ☒ 0 ☐ 1
Disconnected

ult value ☒ 0 ☐ 1
Disconnected

ult value ☒ 0 ☐ 1
Disconnected

ult value ☒ 0 ☐ 1
Disconnected

ult value ☒ 0 ☐ 1
Disconnected

ult value ☒ 0 ☐ 1
Disconnected

Default value

Result is inverted ☒

voltage ☒ No ☐ Yes

Output send when ☒ Receiving a new telegram ☐ Every change of output object

Send delay time: Base None

Factor: 1.255



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



k

Disconnected

Normal

Inverted

k

k

* *

"Default value"

k

0

1

"Result is inverted"

k

No

Yes

k

"Read input object value after bus voltage recovery"

k

No

Yes



"Output send when"

k

Receiving a new telegram

Every change of output object

5.5.2. "Gate forwarding"

Description of this function	
Function of channel	Gate forwarding
Object type of Input/Output	1bit
Default scene NO. of Gate after startup	0
[1~64,0=inactive]	
1->Gate trigger scene NO. is	
[1~64,0=inactive]	
Input A send on	Output A
Input B send on	Output B
Input C send on	Output C
Input D send on	Output D
2->Gate trigger scene NO. is	
[1~64,0=inactive]	
Input A send on	Output A
Input B send on	Output B
Input C send on	Output C
Input D send on	Output D

"Object



k

"z->Gate trigger scene NO. is [1~64.0=inactive]" (z=1~8)

k

k

0..64 0=

* *

"Input A/B/C/D send on"

k

Disable

Output A

Output B

...

Output B,C,D

k

k

5.5.3. "Threshold comparator"



"Threshold value data type"

k

4bit value (DPT3.007)	4byte unsigned value[0..4294967295]
1byte unsigned value (DPT5.010)	Ext. temperature value (DPT 9.001)
2byte unsigned value (DPT7.001)	Ext. humidity value (DPT 9.007)
2byte signed value (DPT8.x)	Illuminance value (DPT 9.004)
2byte float value (DPT9.x)	

"Threshold value "

k

4bit value (DPT3.007) 0..15 / 1byte unsigned value (DPT5.010) 0..255 /

2byte unsigned value (DPT7.001) 0..65535 / 2byte signed value (DPT8.x) -32768..32767 /

tempeeee&v

%ođ žip! ^

< 49 49 49 49 49 49 49 49



1 ☐

1 k

"Output send when"

k

Receiving a new telegram

Every change of output object

k

k

"Send delay time"

Base: None

0.1s

1s

...

10s

25s

Factor: 1..255

☐ k ☐

☐ k



5.5.4. "Format"

Description for logic function	<input type="text"/>
Function of channel	Format convert ▼
Function	2x1Bit--> 1x2Bit ▼
Output send when	☒ Receiving a new telegram ☐ Every change of output object

"Function"

k

2x1bit-->1x2bit

8x1bit-->1x1byte

1x1byte-->1x2byte

2x1byte-->1x2byte

2x2byte-->1x4byte

1x1byte-->8x1bit

1x2byte-->2x1byte

1x4byte-->2x2byte

1x3byte-->3x1byte

3x1byte-->1x3byte

"Output send when"

k

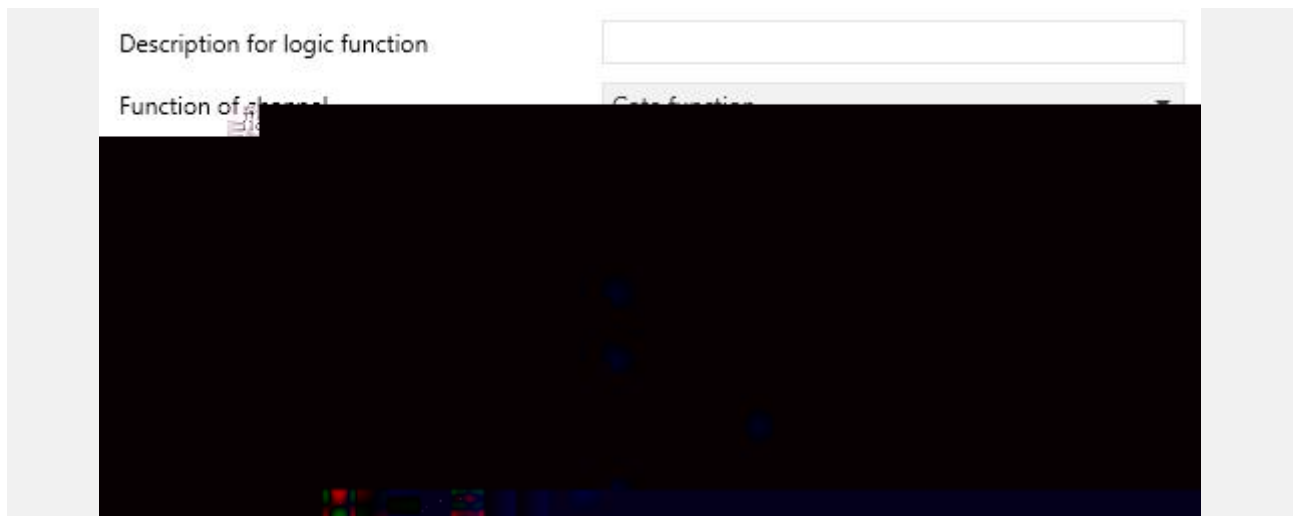
Receiving a new telegram

Every of output object

k

k

5.5.5. "Gate function"



"Object type of Input/Output"

k

1bit[On/Off]

1byte[0..100%]

1byte[0..255]

2byte[Float]

2byte[0..65535]

* *

"Filter function"

k

k

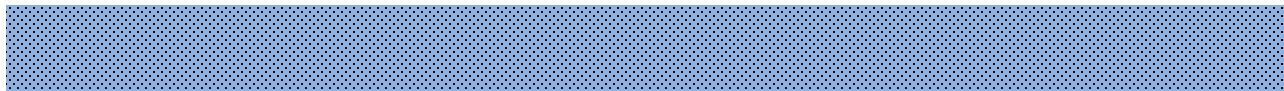
Deactivate

On filter out

Off filter out



k





5.5.6

I ůz

I ůAR

IQ

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5.5.7. "Staircase lighting"

Description for logic function	<input type="text"/>
Function of channel	Staircase lighting
Trigger value	1
Object type of output	☒ 1bit ☐ 1byte
Duration time of staircase lighting[10..6500]	10 s
Send value 1 when trigger	☐ OFF ☒ ON
Send value 2 after duration time	☒ OFF ☐ ON
Retriggering	☐ Disable ☒ Enable

"Trigger value"

k

0

1

0 or 1

"Object type of output"

k

1bit

1byte

"Duration time of staircase lighting[10..6500]s"

□

k

10..6500

* * "Send value 1 when trigger"

* * "Send value 2 after duration time"

k □

□ □

k



k

OFF

ON

0..255

"Retriggering"



k

Disable

Enable

5.6. “Scene Group”

Scene Group 1 Function	☒
Scene Group 2 Function	☐
Scene Group 3 Function	☐
Scene Group 4 Function	☐
Scene Group 5 Function	☐
Scene Group 6 Function	☐
Scene Group 7 Function	☐
Scene Group 8 Function	☐
Output 1 Function	☒
Output 2 Function	☐
Output 3 Function	☐
Output	

Description for Output 1

type of output 1: 1bit

1->

“Scene Group x Function” (x=1~8)



* *

"Object value of Output y"



0..1



0..255



Comfort mode



Standby mode



Economy mode



Frost/heat protection



0..65535



-5°C

-4°C

...

45°C

* *

"Delay time for sending [0; 255]*0.1s"



k

0..255



6.2. "Internal sensor"

Number	Name	Object	Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priori
2	Internal sensor	Temperature value				2 bytes	C	R	-	T	-	temperature (°C)	Low
3	Internal sensor	Low temperature alarm				1 bit	C	R	-	T	-	alarm	Low
4		High temperature alarm				1 bit	C	R	-	T	-	alarm	Low

☐ ☐

2	Temperature value	Internal sensor	2byte	C,R,T	9.001 temperature
☐ ☐ k					
3	Low temperature alarm	Internal sensor	1bit	C,R,T	1.005 alarm
☐ ☐ k					
4	High temperature alarm	Internal sensor	1bit	C,R,T	1.005 alarm
☐ ☐ k					



6.3.“Button”

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142	Button 1 - Value sender	Short, 4byte value	4 bytes	C - - T -	counter pulses (unsig...	Low
143	Button 1 - Value sender	Long, 4byte value	4 bytes	C - - T -	counter pulses (unsig...	Low
142	Button 1 - Value sender	Short, 4byte float value	4 bytes	C - - T -	4-byte float value	Low
143	Button 1 - Value sender	Long, 4byte float value	4 bytes	C - - T -	4-byte float value	Low

Number	Name	Object Function	Description	Group	Address	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - Scene	Scene				1 byte	C - - T -					scene control	Low
142	Button 1 - Scene	Short, Scene				1 byte	C - - T -					scene control	Low
143	Button 1 - Scene	Long, Scene				1 byte	C - - T -					scene control	Low
147	Button 1 - Scene	Disable				1 bit	C - W - -					enable	Low
148	Button 1 - Scene	LED status				1 bit	C - W T U					switch	Low

Number	Name	Object Function	Description	Group	Address	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - Shift register	Shift register value				1 byte	C - W T -					counter pulses (0..255)	Low
147	Button 1 - Shift register	Disable				1 bit	C - W - -					enable	Low
148	Button 1 - Shift register	LED status				1 bit	C - W T U					switch	Low

Number	Name	Object Function	Description	Group	Address	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - Multiple operation	Object Up/Down				1 bit	C - W T -					up/down	Low
142	Button 1 - Multiple operation	Object1-Percentage				1 byte	C - - - T -					percentage (0..100%)	Low
142	Button 1 - Multiple operation	Object2-Percentage				1 byte	C - - - T -					percentage (0..100%)	Low

Number	Name	Object Function	Description	Group	Address	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - Delay mode	Short, Delay mode				4 bit	C - - T -					dimming control	Low
143	Button 1 - Delay mode	Long, Delay mode				4 bit	C - - T -					dimming control	Low
142	Button 1 - Delay mode	Short, Delay mode				1 byte	C - - T -					counter pulses (0..255)	Low
143	Button 1 - Delay mode	Long, Delay mode				1 byte	C - - T -					counter pulses (0..255)	Low
147	Button 1 - Delay mode	Disable				1 bit	C - W - -					enable	Low
148	Button 1 - Delay mode	LED status				1 bit	C - W T U					switch	Low

142	Switch	Button 1 - {{...}}	1bit	C,W,T,U	1.001 switch
142	Press/Short, Switch	Button 1 - {{...}}	1bit	C,W,T,U	1.001 switch
143	Release/Long, Switch	Button 1 - {{...}}	1bit	C,W,T,U	1.001 switch
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142	Object1-On/Off	Button 1 - {{...}}	1bit	C,W,T	1.001 switch
	Object1-Up/Down		1bit	C,W,T	1.008 up/down
	Object1-SceneControl		1byte	C,T	18.001 scene control
	Object1-Percentage		1byte	C,T	5.001 percentage(0..100%)
	Object1-Unsigned value		1byte	C,T	5.010 counter pulses
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142	Short, Delay mode	Button 1 - {{...}}	1bit	C,T	1.001 switch
			4bit		3.007 dimming
			1byte		5.010 counter pulses
143	Long, Delay mode	Button 1 - {{...}}	1bit	C,T	1.001 switch
			4bit		3.007 dimming
			1byte		5.010 counter pulses
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147	Disable	Button 1 - {{...}}	1bit	C,W	1.003 enable
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148	LED status	Button 1 - {{...}}	1bit	C,W,T,U	1.001 switch
			1byte		5.010 counter pulses
k					
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6.4. “Logic”

6.4.1. “AND/OR/XOR”



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				1bit
6/.../9	Input x	{{1st Logic}}		4bit
				1by ⁴
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2 4 0				

Number	Name	Object Function	Descr	Group #	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 4byte			4 bytes	C	-	W	-	U	counter pulses (unsigned)	Low

Number	Name	Object Function	Descr	Group #	Length	C	R	W	T	U	Data Type	Priority
12	1st Logic	Output 2byte-low			2 bytes	C	-	-	T	-	pulses	Low

Number	Name	Object Function	Descr	Group #	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 4byte			4 bytes	C	-	W	-	U	counter pulses (unsigned)	Low
12	1st Logic	Output 2byte-low			2 bytes	C	-	-	T	-	pulses	Low
13	1st Logic	Output 2byte-high			2 bytes	C	-	-	T	-	pulses	Low

Number	Name	Object Function	Descr	Group #	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 3byte			3 bytes	C	-	W	-	U	RGB value 3x(0..255)	Low
11	1st Logic	Output 1byte-low			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
12	1st Logic	Output 1byte-middle			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Number	Name	Object Function	Descr	Group #	Length	C	R	W	T	U	Data Type	Priority
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5	Input ...	{{1st Logic}}	1bit 1byte 2byte 3byte 4byte	C,W,U	1.001 switch 5.010 counter pulses(0..255) 7.001 pulses 232.600 RGB value 3x(0..255) 12.001 counter pulses
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13	Output ...	{{1st Logic}}	1bit 2bit 1byte 2byte 3byte 4byte	C,T	1.001 switch 2.001 switch control 5.010 counter pulses(0..255) 7.001 pulses 232.600 RGB value 3x(0..255) 12.001 counter pulses
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6.4.5. "Gate function"

Number	Name	Object Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input			1 bit						switch	Low
	1st Logic	Gate input			1 bit	C		W			boolean	Low
	1st Logic	Output			1 bit	C			T		switch	Low

Number	Name	Object Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input			1 bit						switch	Low
	1st Logic	Gate input			1 bit	C		W			boolean	Low
	1st Logic	Output			1 bit	C			T		switch	Low

Number	Name	Object Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input			1 byte	C		W			counter	Low
	1st Logic	Gate input			1 bit	C		W			boolean	Low
	1st Logic	Output			1 byte	C			T		counter	Low

Number	Name	Object Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input			2 bytes	C		W			temperature (°C)	Low
6	1st Logic	Gate input			1 bit	C		W			boolean	Low
13	1st Logic	Output			2 bytes	C			T		temperature (°C)	Low

Number	Name	Object Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input			2 bytes	C		W			pulses	Low
6	1st Logic	Gate input			1 bit	C		W			boolean	Low
13	1st Logic	Output			2 bytes	C			T		pulses	Low



5	Input	{{1st Logic}}	1bit 1byte 2byte	C,W	1.001 switch 5.001 percentage 5.010 counter pulses 9.001 temperature 7.001 pulses
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6	Gate input	{{1st Logic}}	1bit	C,W	1.002 boolean
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13	Output	{{1st Logic}}	bit 1byte 2byte	C,T	1.001 switch 5.001 percentage 5.010 counter pulses 9.001 temperature 7.001 pulses
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6.4.6. "Delay function"

Number	Name	Object Function	Descri. Group	1st	C	R	W	T	U	5	6	7	8	9	10	11	12	13	14	15

215	1st Logic	Inout	1 byte	C	-	W	-	-	percentage (0,100%)											

H_ZA



					1.001 switch
			1bit		5.001 percentage e
5	Input	{{1st Logic}}	1byte	C,W	5.010 counter pulses
			2byte		9.001 ¼ 1



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6.5.“Scene Group”

Number	Name	Object Function	Description	Address	Length	C	R	W	T	U	Data Type
77	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene num...
78	1st Scene Group-Output 1	1bit value			1 bit	-	-	-	-	-	1bit value

77	Main scene trigger	Scene Group	1byte	C,W	17.001 scene number
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1bit value

1byte unsigned value

78/..I

HVAC mode

2byte unsigned value

Temperature

1st Scene Group-{p01

7.1.

General light	
Ceiling light 1	
Ceiling light 2	
Downlight 1	
Downlight 2	
Wall light	
Spotlight	
Chandelier 1	
Chandelier 2	
Floor light	

LED strip	
RGB light	
Curtain	
Roller blind	
Venetian blind	
TV	
Audio	
Socket(CHN)	
Socket(EU)	
Fan	

Lock 1		VESDA	
Lock 2		FIRE	
Power 1		Water Sensor	
Power 2		Gas Sensors	
Window 1		Sensor 1	
Window 2		Sensor 2	
Alarm		Temperature 1	
Projector		Temperature 2	
Multimedia		Humidity	
Presence		PM2.5	
Infrared Sensor		PM10	
Door Sensor		CO2	

VOC		Air conditioner 3	
Brightness		Heating	
Wind speed		Cooling	
Rain		Heating/Cooling	
Energy		Music 1	
I/O signal		Music 2	
Electronic heating		Ventilation	
Water heating		AQI	
Air conditioner 1		Not Disturb	
Air conditioner 2			

7.2.

General scene 1	
General scene 2	
General scene 3	
General scene 4	
General scene 5	
All on	
All off	
Leave home 1	

Go home 1	
Go home 2	
Leave home 2	
Welcome 1	
Welcome 2	
Dinner	
Party	
Sleeping	



Wake up



Security



Reading



Conference



Media



Relax



Clear (+)