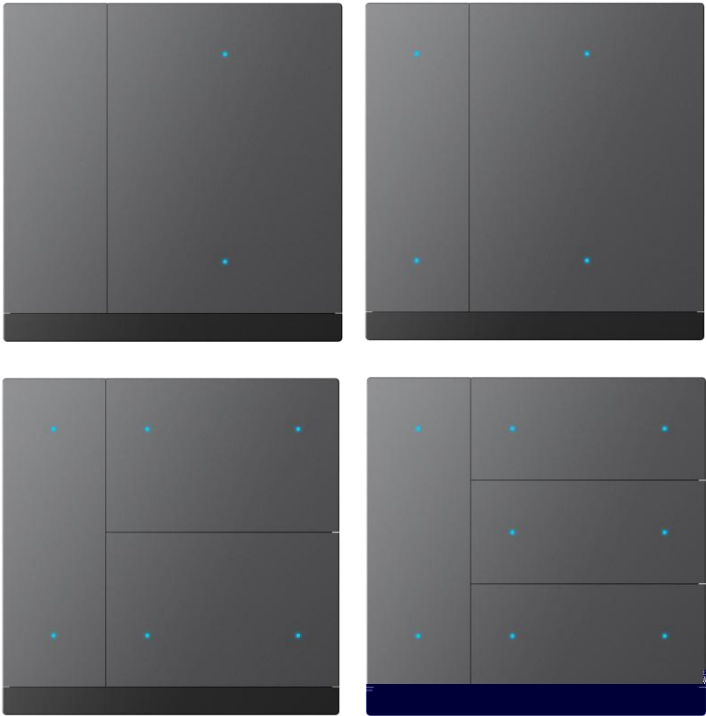




K-BUS





3、不要使用湿布或具挥发性的试剂擦拭设备；



4、请勿自行拆卸本设备。

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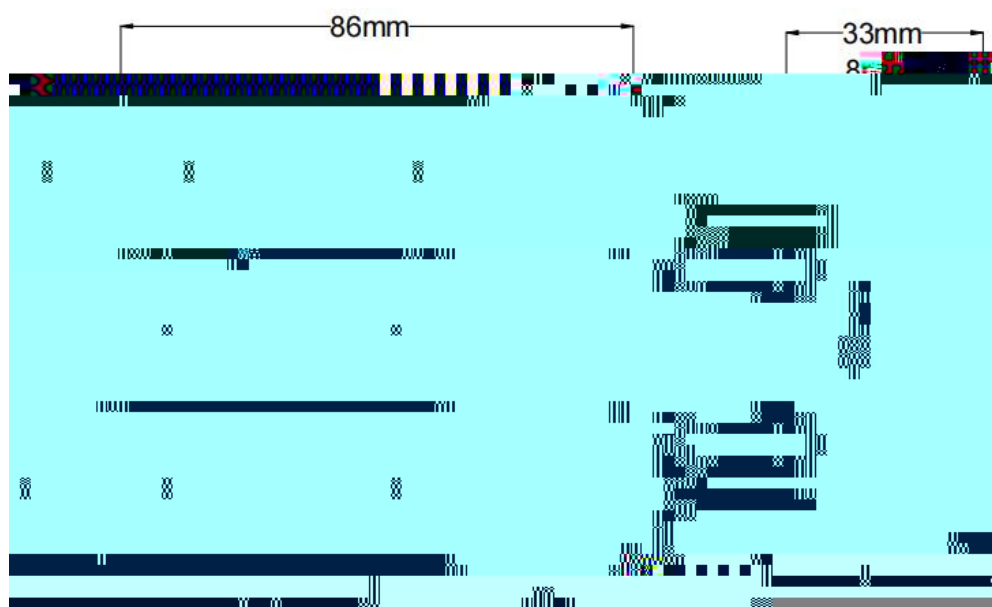
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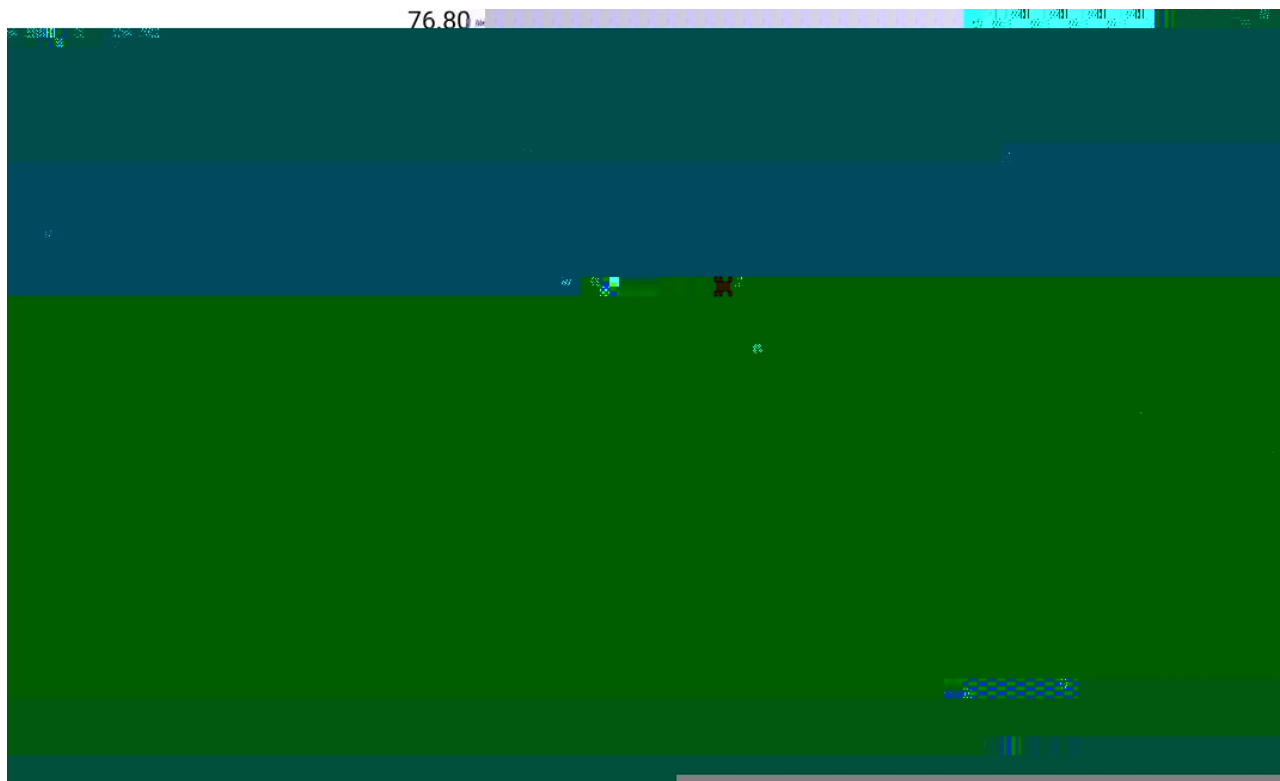
21-30 ,			
18.4	/24	14.	/30 (8)
15.1	/24	12.2	/30 (6)
12.2	/24	10.0	/30 (4)
10.0	/24	8.0	/30 (2)
447.0	(8)		
366.0	(6)		
300.0	(4)		
240.0	(2)		
2		10	
(/)			
0.2-1.5 ²			
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25 ... 70			
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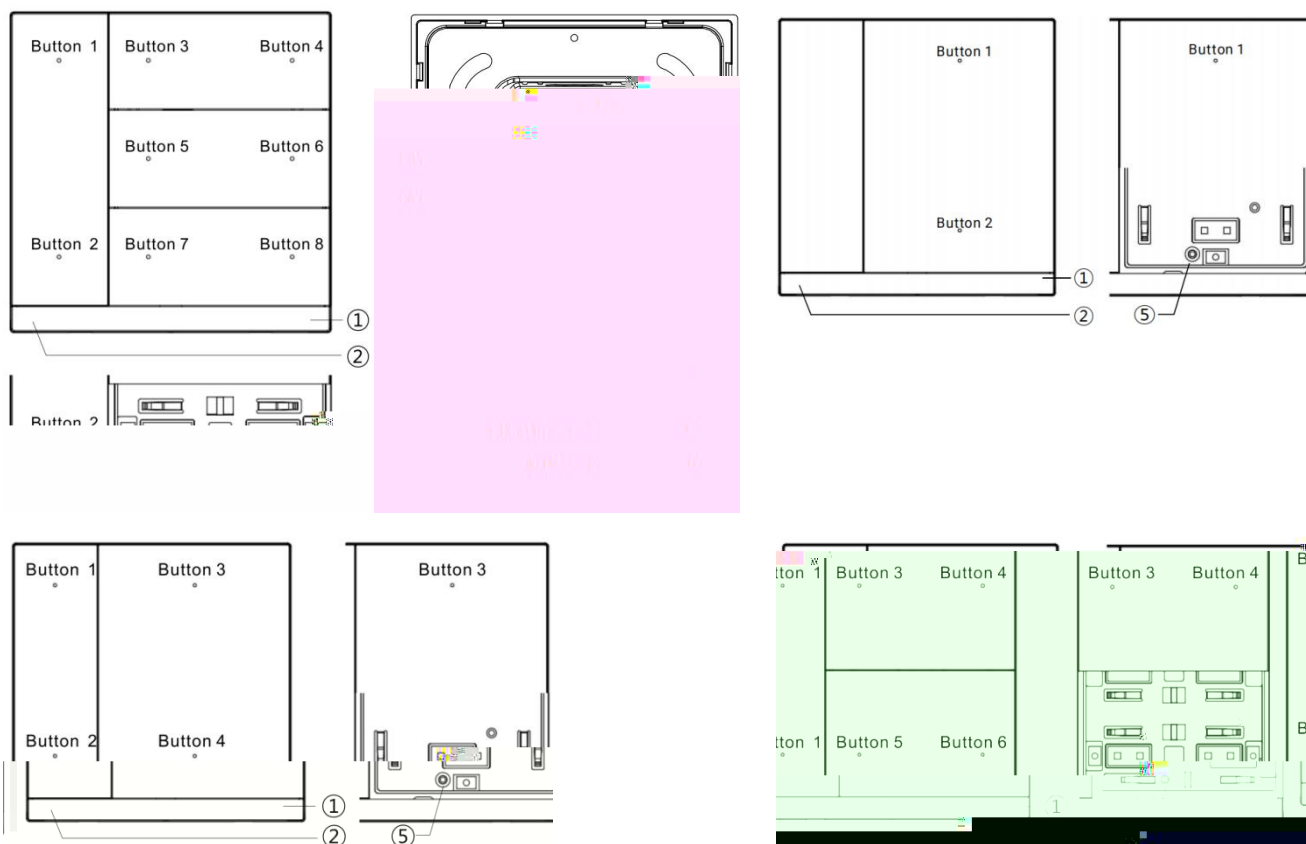
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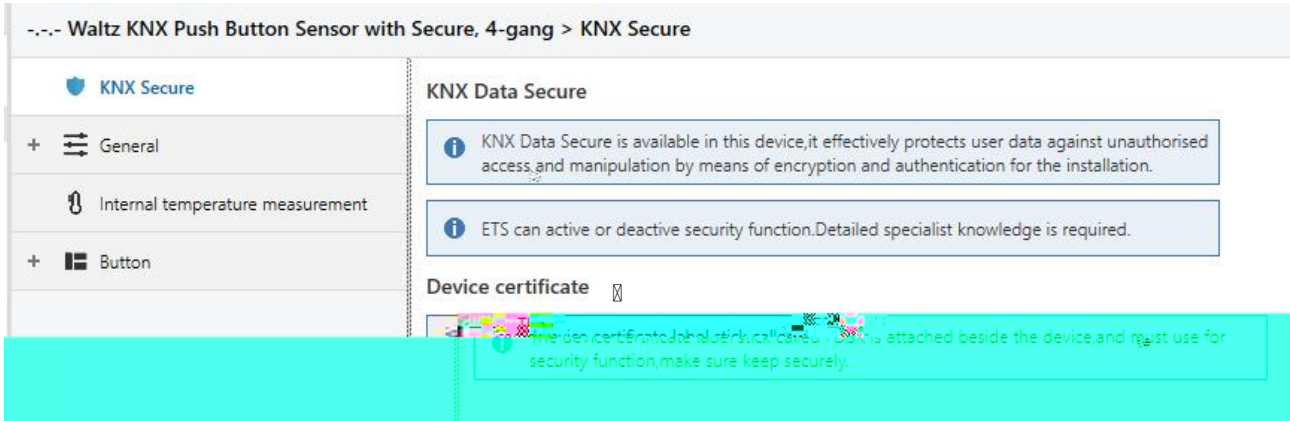
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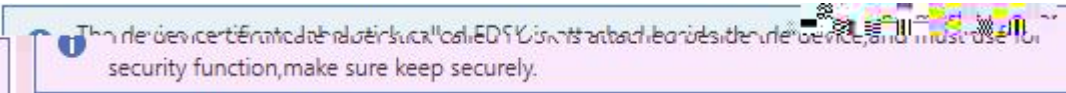
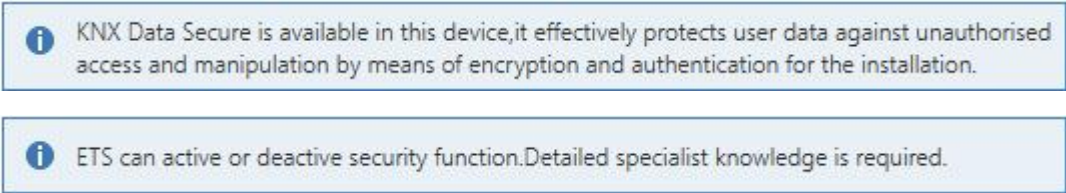
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5.1 (1)

5.1(1)



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✧

5.1 (2)

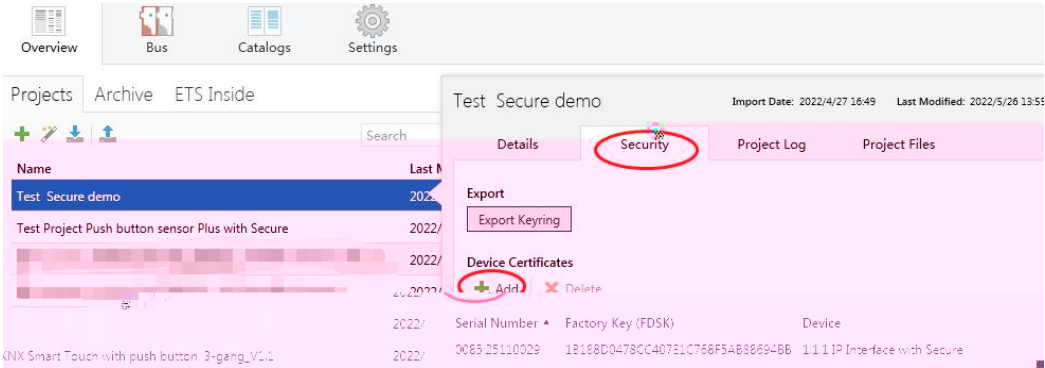


5.1(2)

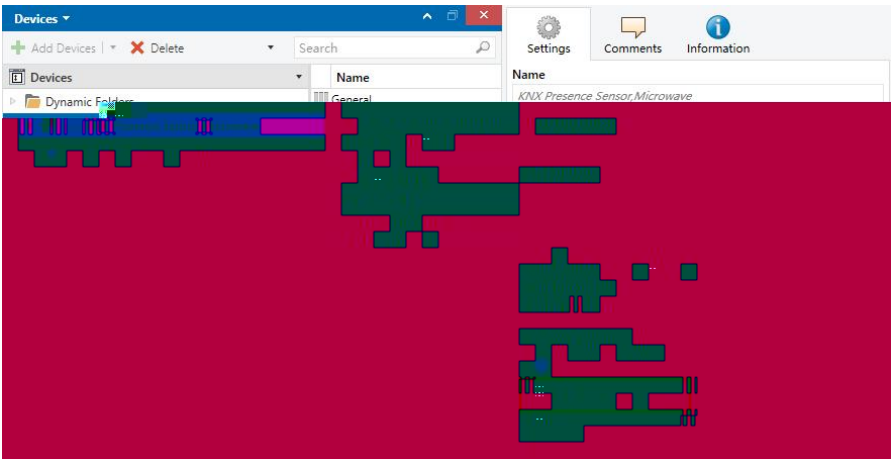
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5.1(3)

5.1(4)



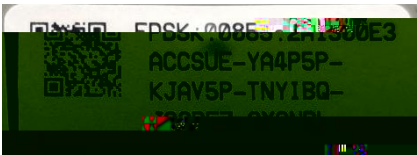
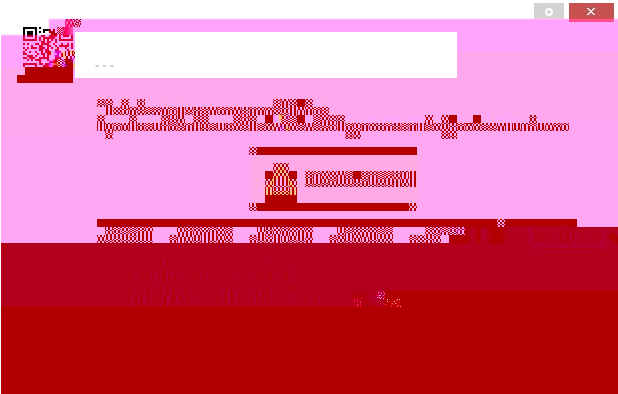
5.1(3)



5.1(4)



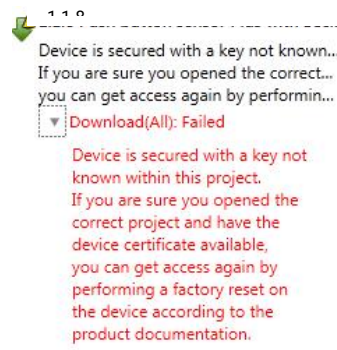
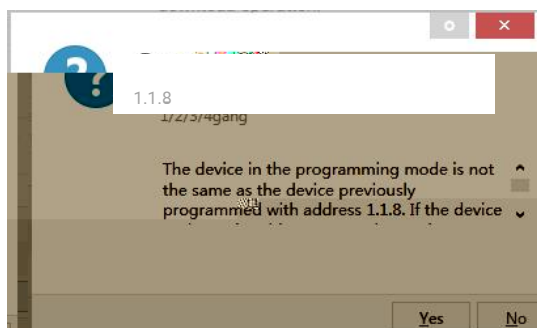
5.1(5)



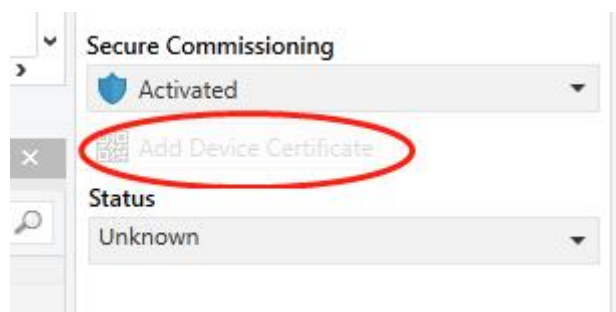
5.1(5)

5.1(6)

5.1(6)

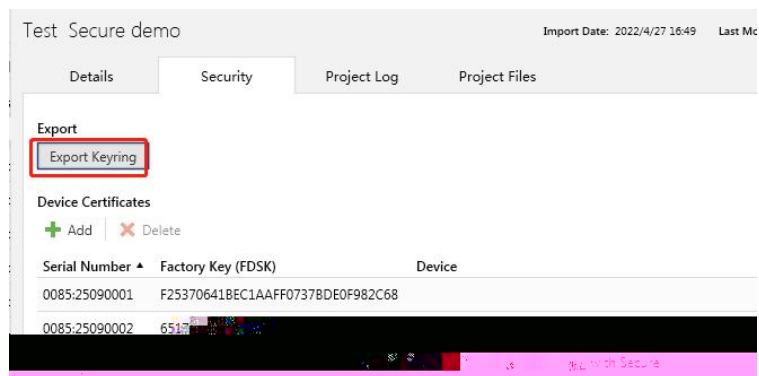


5.1(6)



4.1(7)

5.1(8)



5.1(8)

Waltz KNX Push Button Sensor with Secure, 4-gang > General

General setting

Proximity setting

Advanced setting

Internal temperature measurement

Button

KNX Secure

Send delay after voltage recovery [0..15] 5 s

Send cycle of "In operation" telegram [1..240,0=inactive] 5 s

Extension function

Night mode

Night mode need send read request after voltage recovery

Note: Default to normal mode if no response when request after startup

Proximity function via bus

Brightness setting

Status LED brightness in normal mode 50 %

Status LED brightness in night mode 5 %

Status LED brightness in standby mode 5 %

Delay time after no operation for standby mode [0..255,0=inactive] 10 s

Delay time for turn off all status LED after standby mode [0..255,0=inactive] 1 s

Wake up device via any button operation

Panel orientation indication when turn off status LED Trigger via object

LED 4 reuse as indication LED

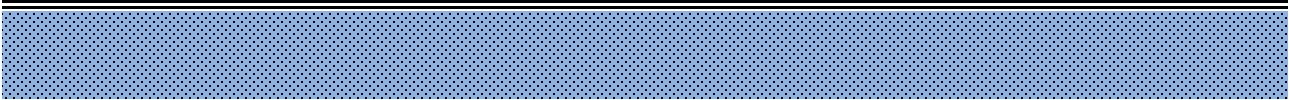
Work mode =trigger/0=no trigger

Colour of indication LED Yellow

Indication period time 20 s

Brightness of indication LED 5 %

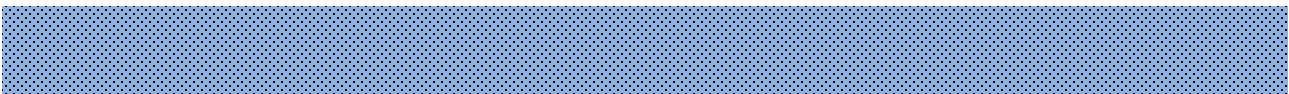
5.2.1



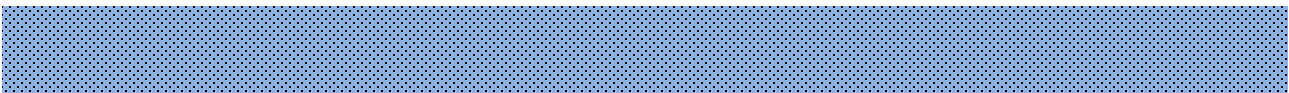
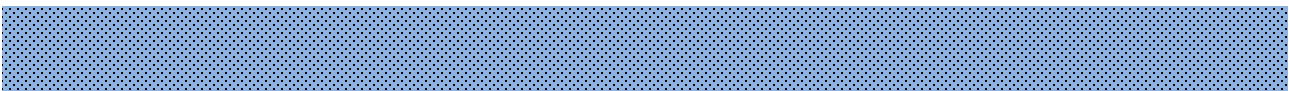
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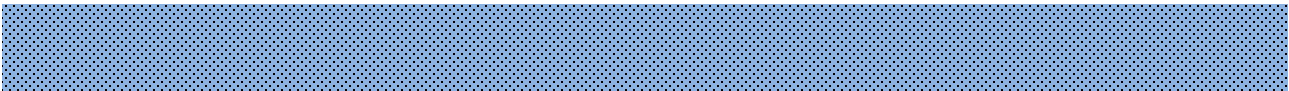
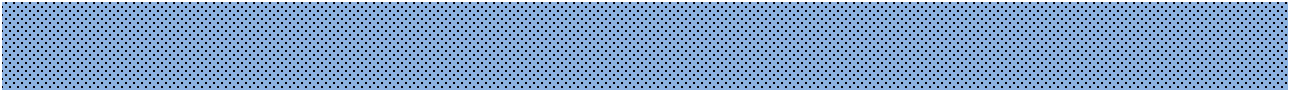
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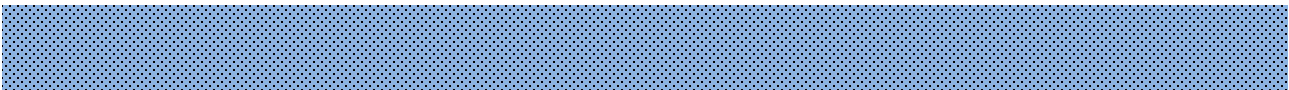


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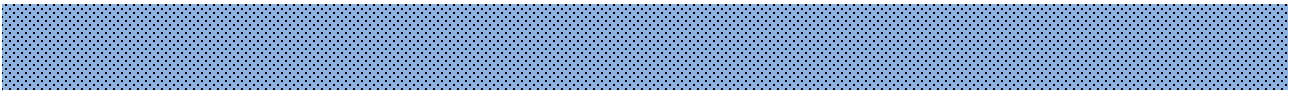




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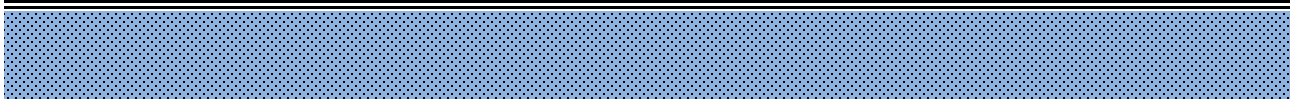


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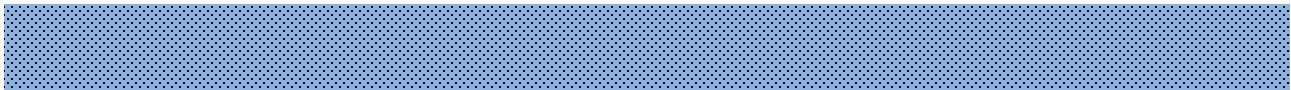
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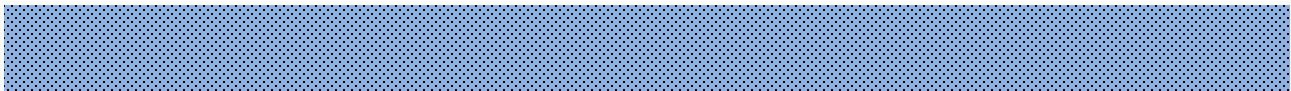


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Waltz KNX Push Button Sensor with Secure, 4-gang > General > Proximity setting

KNX Secure

The Proximity function triggered via

Proximity object

5.2.2



Waltz KNX Push Button Sensor with Secure, 4-gang > General > Advanced setting

KNX Secure

General

General setting

Input interface



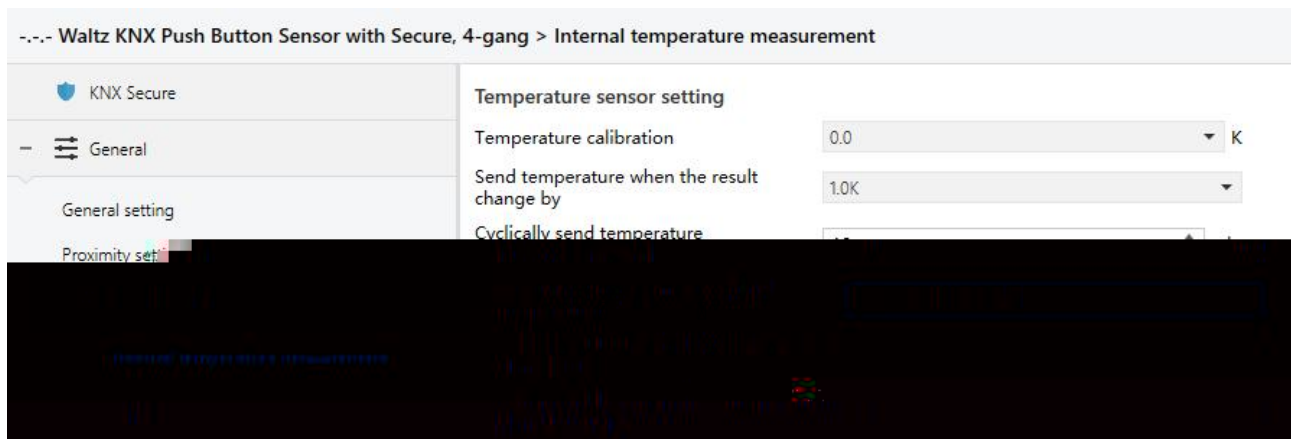
Logic function



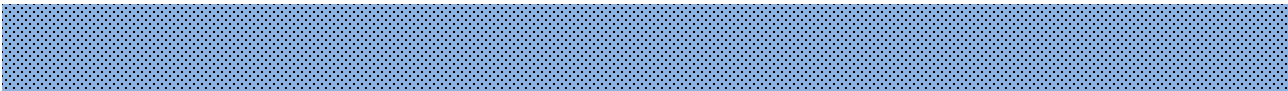
Scene setup function



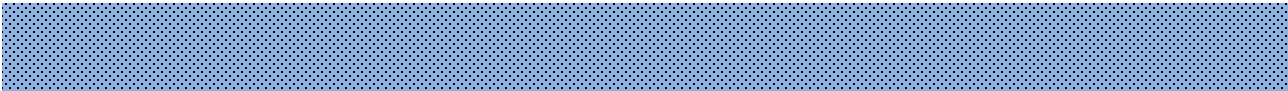
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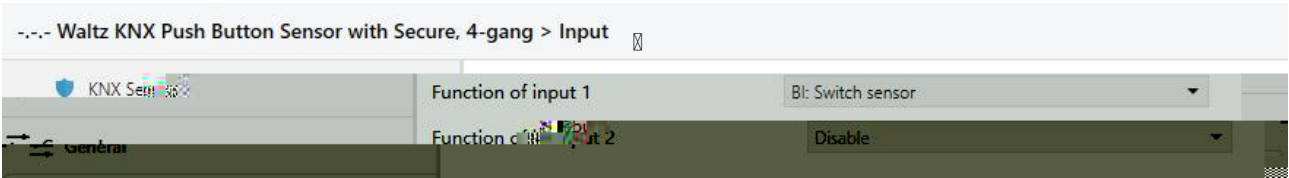
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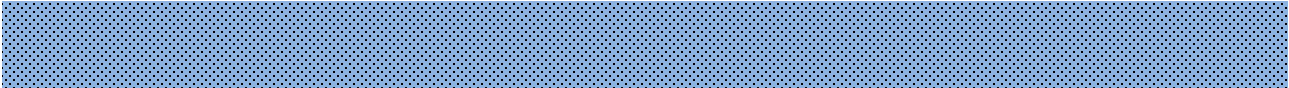
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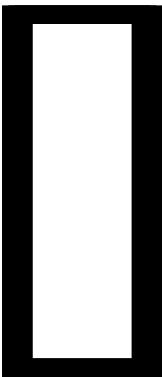
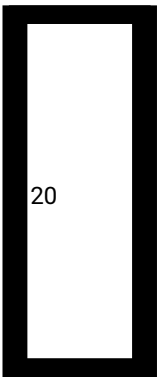
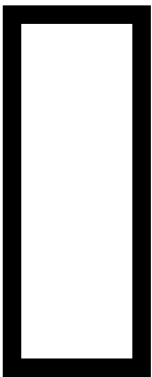
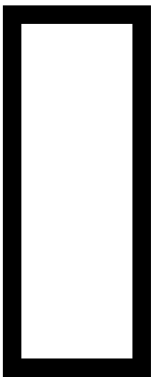
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Waltz KNX Push Button Sensor with Secure, 4-gang > Input > Input 1 - Temperature probe

KNX Secure

General

General setting

Proximity setting

Advanced setting

Internal temperature measurement

Input

Input 1 - Temperature probe

Button

Description (max 30char.)

B value of temperature sensor (must refer to the characteristic of component)

Temperature calibration

Send temperature when the result changes

Cyclically send temperature [0...255]

Reply error of sensor measurement

Object value of error

Lower threshold value for error report

Upper threshold value for error report

3950

0.0

10K

1

Respond after read only

0=no error/1=error

0

60

K

min

1=no error/0=error

°C

°C

5.4.1



0 1 2 3 4 5 6 7 8 9

0 /1

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1 /0

Waltz KNX Push Button Sensor with Secure, 4-gang > Input > Input 1 - Switch sensor

KNX Secure	Description (max 30char.)	
General	Distinction between short and long operation	☐ No ☐ Yes
General setting	Reaction on close the contact	☐ No ☐ Yes
Proximity setting	Reaction on open the contact	☐ No ☐ Yes
Advanced setting	Send object value after voltage recovery	☐ No ☐ Yes
Internal temperature measurement	Number of objects	2
Input	Disable function	☐ No ☐ Yes

5.4.2(1)

Waltz KNX Push Button Sensor with Secure, 4-gang > Input > Input 1 - Scene control

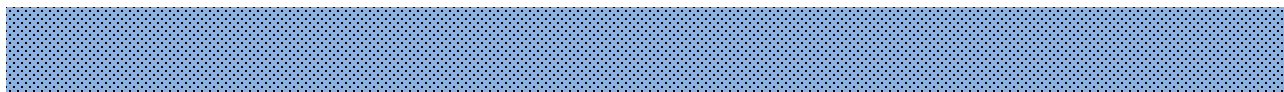
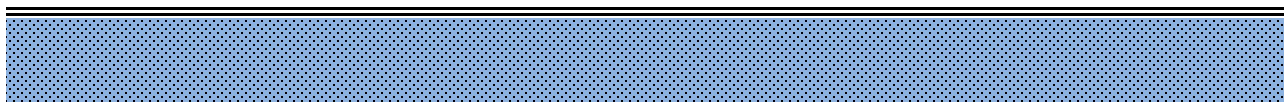
KNX Secure	Description (max 30char.)	
General	Distinction between short and long operation	☐ No ☐ Yes
General setting	Long operation after [3..25]	5 *0.1s
Proximity setting	Connected contact type	☐ Normally open ☐ Normally closed
Advanced setting	Reaction on short operation	Recall scene
Internal temperature measurement	8 bit scene number	Scene No.1
Input	Reaction on long operation	Store scene
	8 bit scene number	Scene No.1

5.4.2(2)

Waltz KNX Push Button Sensor with Secure, 4-gang > Input > Input 1 - Send String

KNX Secure	Description (max 30char.)	
General	Distinction between short and long operation	☒ No ☐ Yes
General setting	Reaction on close the contact	☐ No reaction ☒ Send Value
Proximity setting	String (14byte value)	Hello, world !
Advanced setting	Reaction on open the contact	☒ No reaction ☐ Send Value
Internal temperature measurement	Send object value after voltage recovery	☒ No ☐ Yes
Input	Disable function	Disable

5.4.2(3)



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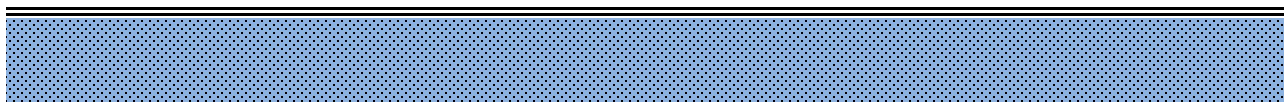
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4-

1.1.- Waltz KNX Push Button Sensor with Secure, 4-gang > Button

KNX Secure

-

General

General setting

Proximity setting

Advanced setting

Internal temperature meas...

+

Input

-

Button

Button 1 - Switching

Customized colour

+

Logic function

+

Scene Group function

Push button type

Panel preview

4-gang

1

2

3

7

4

8

5

6

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

Function of button 1

Function of button 2

Function of button 3

Function of button 4

Function of button 5

Function of button 6

Function of button 7

Function of button 8

5

*0.1s

Switch

Disable

Disable

Disable

Disable

Disable

Disable

5.5

4-

5.5

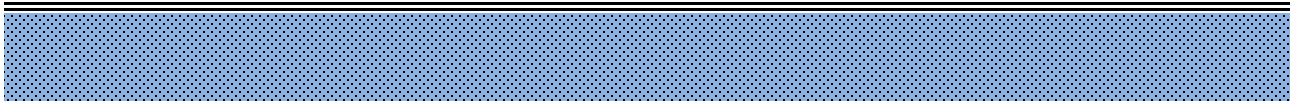
--- Waltz KNX Push Button Sensor with Secure, 4-gang > Button > Button 1 - Switching

 KNX Secure	Description (max 30char.)	
+  General	Distinction between short and long operation	☒ No ☐ Yes
 Internal temperature measurement	Reaction on press operation	TOGGLE ▼
 Input	Reaction on release operation	No reaction ▼
-  Button	Disable function	Disable ▼

5.5.1

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--- Waltz KNX Push Button Sensor with Secure, 4-gang > Button > Button 1 - Dimming

KNX Secure General Internal temperature measurement Input Button	Description (max 30char.) Reaction on short operation TOGGLE Reaction on long operation Brighter/Darker Dimming mode ☒ Start-Stop dimming ☐ Step dimming Disable function Disable
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5.5.2

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Waltz KNX Push Button Sensor with Secure, 4-gang > Button > Button 1 - RGB

KNX Secure

General

Internal temperature measurement

Input

Button

Description (max 30char.)

Object datatype of absolute brightness ☒ 1x3byte ☐ 3x1byte

Reaction on short operation TOGGLE

Reaction on long operation Absolute value

RGB Value #FFFFFF

Disable function Disable

5.5.3

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Waltz KNX Push Button Sensor with Secure, 4-gang > Button > Button 1 - RGBW

KNX Secure

General

Internal temperature measurement

Input

Button

Button 1 - RGBW

Customized colour

Description (max 30char.)

Object datatype of absolute brightness

Reaction on short operation

Reaction on long operation

RGB Value

White Value

Disable function

1x6byte

4x1byte

TOGGLE

Absolute value

#FFFFFF

255

Disable

5.5.4

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--- Waltz KNX Push Button Sensor with Secure, 4-gäng > Button > Button 1 - Colour temperature

 KNX Secure	Description (max 30char.)	
+  General	Reaction on short operation	TOGGLE ▾
 Internal temperature measurement	Reaction on long operation	Absolute value ▾
 Input	Send brightness value	100 %
-  Button	Send Colour temperature value	4000 K
	Disable function	Disable ▾

5.5.5

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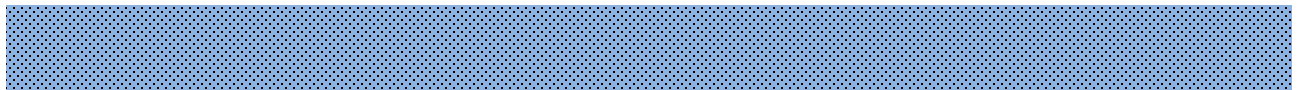
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Waltz KNX Push Button Sensor with Secure, 4-gang > Button > Button 1 - Value sender

KNX Secure + General Internal temperature measurement Input - Button Button 1 - Value sender	Description (max 30char.) Reaction on short operation 1bit value[ON/OFF] Value 1 OFF ON Reaction on long operation 2bit value[0..3] Value 2 2 Disable function Disable
--	--

5.5.6



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Waltz KNX Push Button Sensor with Secure, 4-gang > Button

Button 1 - Scene

KNX Secure

General

Internal temperature measurement

Input

Button

Button 1 - Scene

Description (max 30char.)

Reaction on short operation

8 bit scene number

Reaction on long operation

8 bit scene number

Number of objects

Disable function

Recall scene

Scene No.1

Store scene

Scene No.1

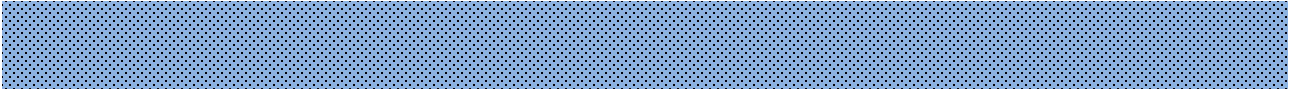
☒ 1 ☐ 2

Disable

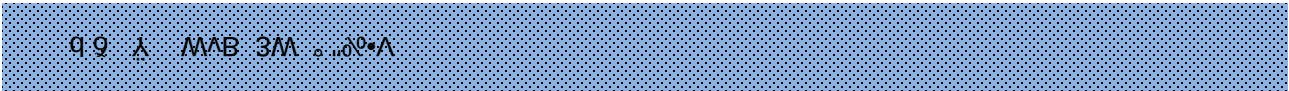
5.5.7

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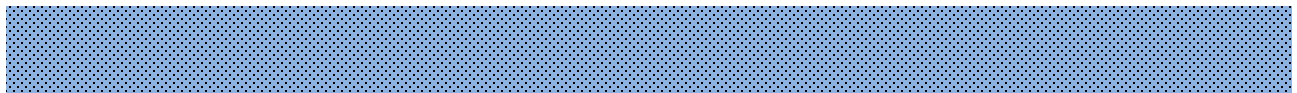


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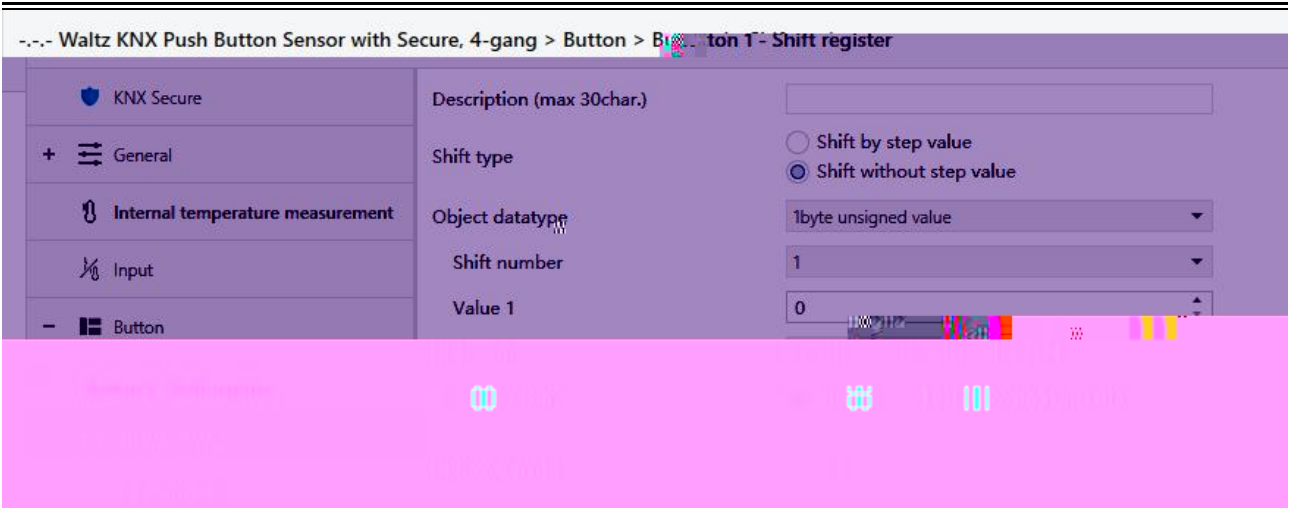




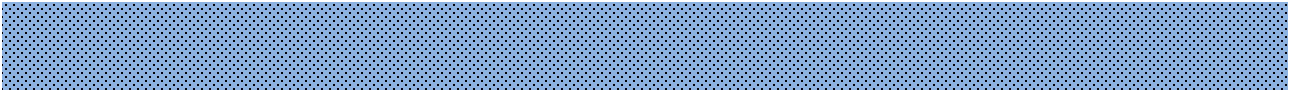
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Waltz KNX Push Button Sensor with Secure, 4-gang > Button > Button 1  Shift register

	KNX Secure	Description (max 30char.)	
+	 General	Shift type	☐ Shift by step value ☒ Shift without step value
	 Internal temperature measurement	Value begin with	0 
	 Input	Value end with(must be larger than value begin with)	10  
-	 Button	Step size	2  
	Button 1 - Shift register	Direction	From lowest to highest and cyclically 
	Customized colour	Reset function	☐ Disable ☒ Enable by long operation
+	 Logic function	Disable function	Disable 



5.5.

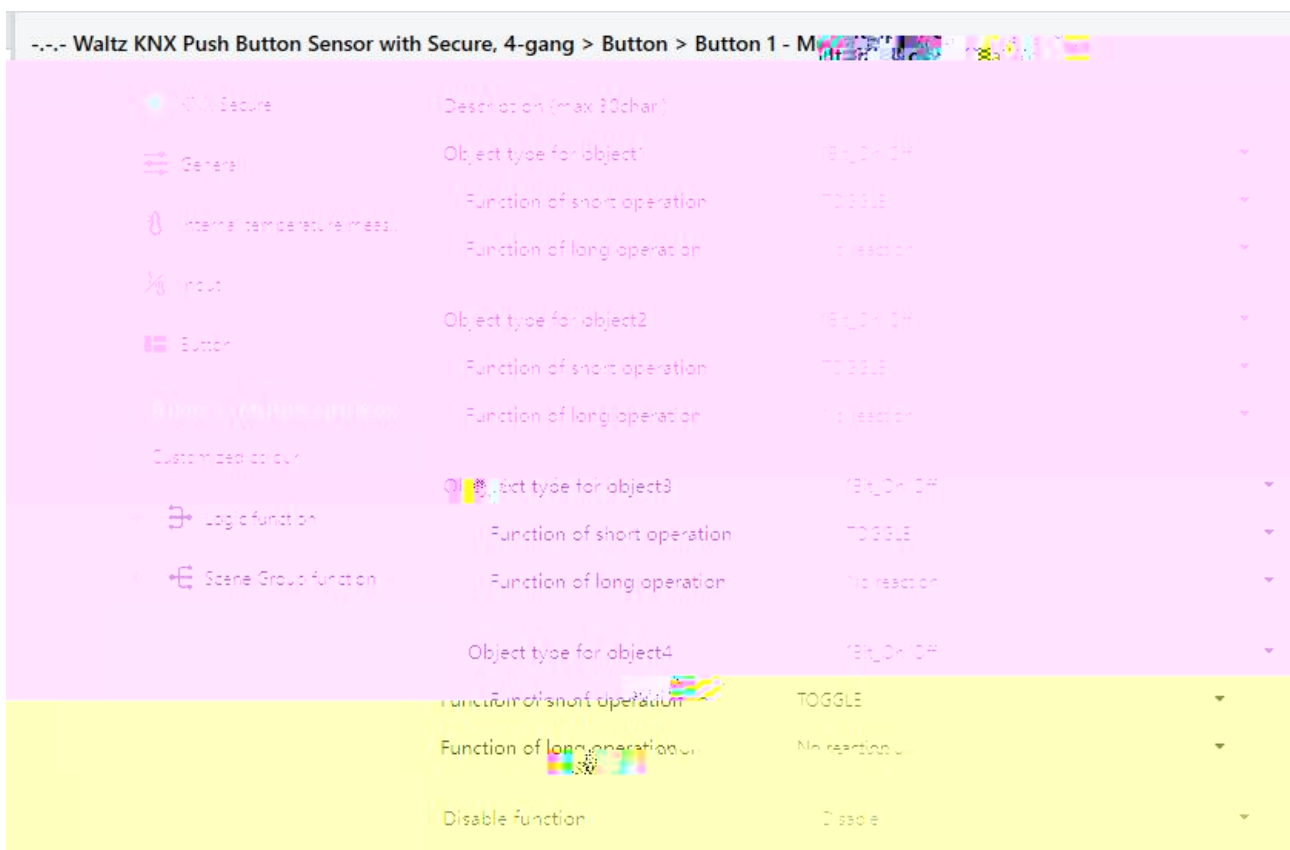


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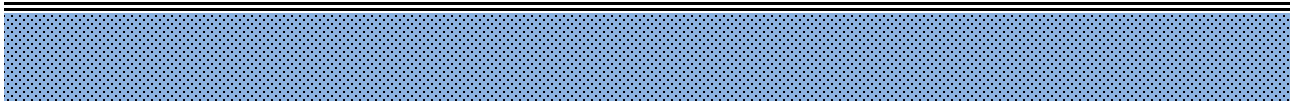
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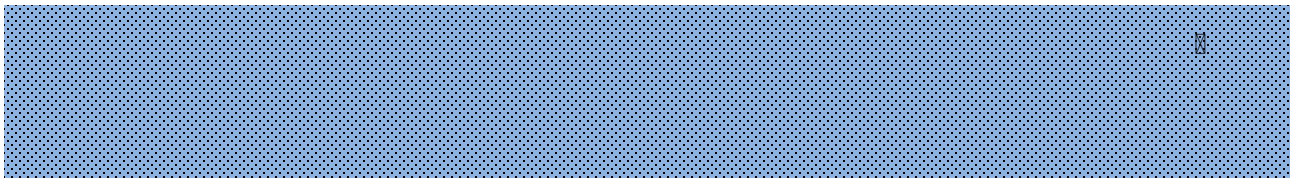
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5.5.10



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Waltz KNX Push Button Sensor with Secure, 4-gang > Button > Button 1 - RTC mode

KNX Secure

+ General

Internal temperature meas...

Input

- Button

Description (max 30char.)

Object type for output

Reaction on short operation

Operation mode

Reaction on long operation

Disable function

1bit

1byte

No reaction

Send Value

Comfort mode

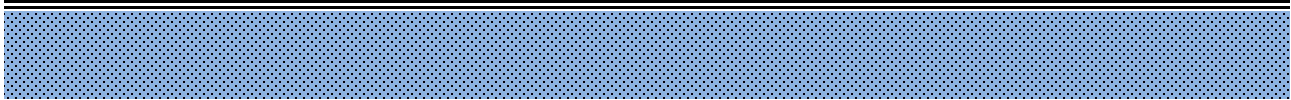
No reaction

Send Value

Disable

Button 1 - RTC mode

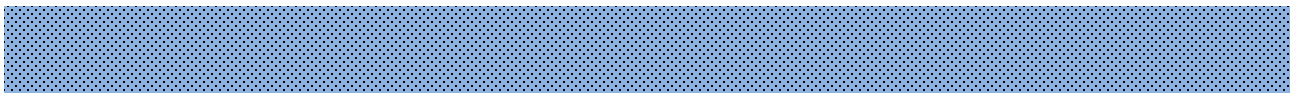
5.5.12



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--- Waltz KNX Push Button Sensor with Secure, 4-gang > Button > Button 1 - String

KNX Secure	Description (max 30char.)	
General	Reaction on short operation	☐ No reaction ☒ Send Value
Internal temperature meas...	String (14byte) value	Hello, world !
Input	Reaction on long operation	☒ No reaction ☐ Send Value
Button	Disable function	Disable

5.5.13 (14)

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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

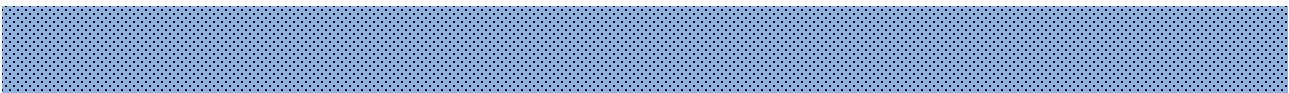
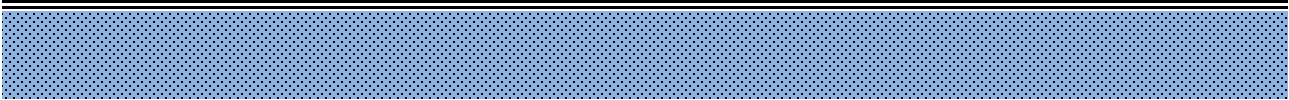
Status LED indication	Control by external object
External object datatype	☐ 1bit ☒ 1byte
Threshold value is	50
If object value<threshold value, LED is	OFF
If object value=threshold value, LED is	Red
If object value>threshold value, LED is	Red

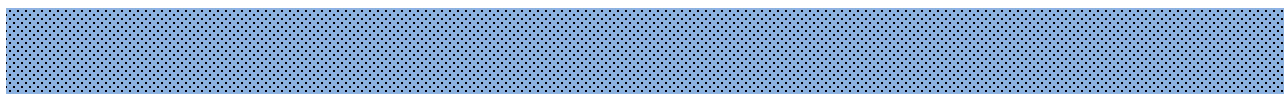
Status LED indication	Indicate button press
When press the button,indicator is	☒ On ☐ Flashing
On duration time is	1s
LED indication colour	Red

Status LED indication	Indicate button press
When press the button,indicator is	☐ On ☒ Flashing
Flashing period time is	0.8 s
Normal indication is	☒ OFF ☐ ON
LED indication colour	Red

Status LED indication	Always on
LED indication colour	Red

5.5.14

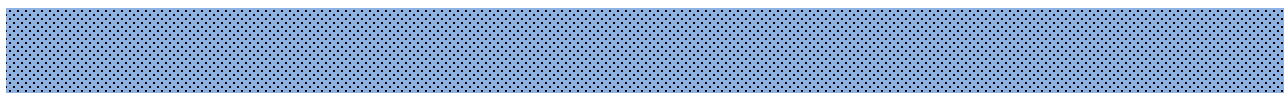


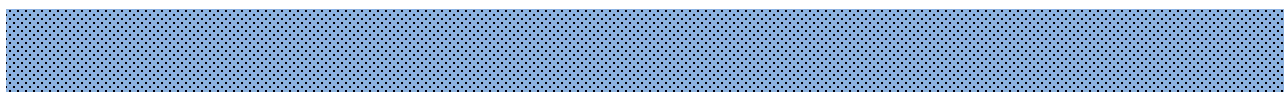


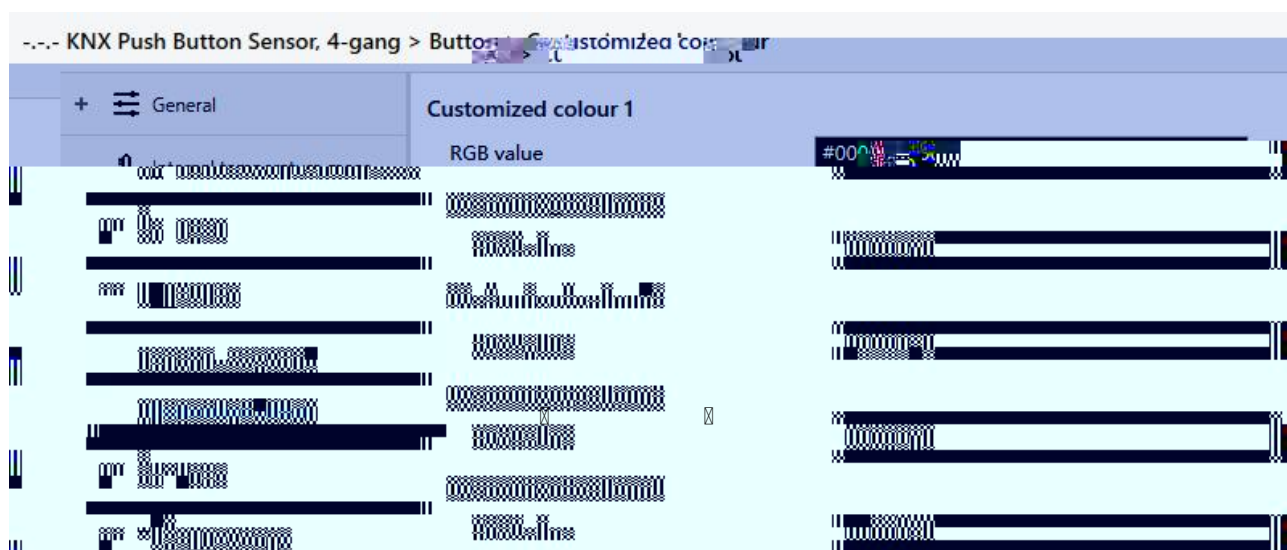
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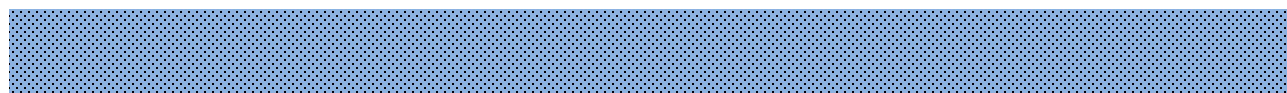
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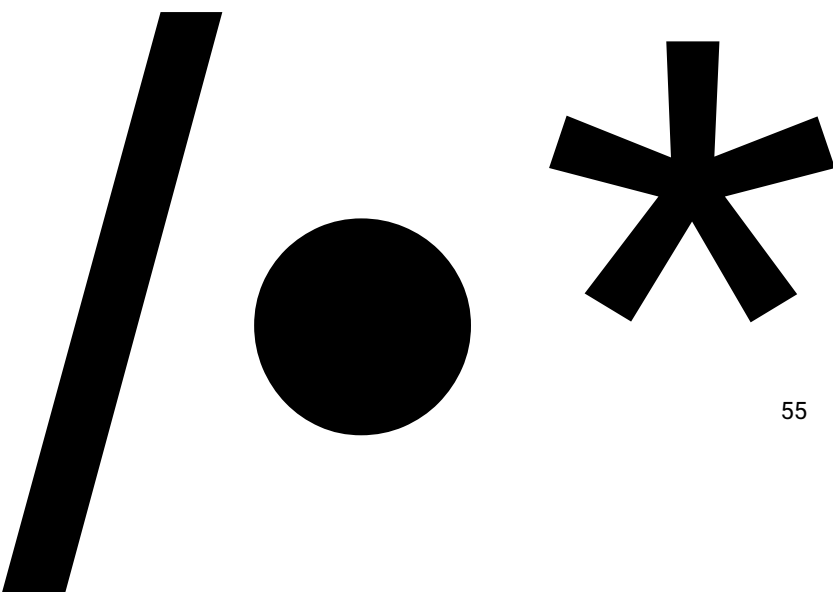




5.5.15



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Waltz KNX Push Button Sensor with Secure, 4-gang > Logic function

KNX Secure

+ General

Internal temperature meas...

Input

- Button

1st Logic function

2nd Logic function

3rd Logic function

4th Logic function

5th Logic function

6th Logic function

7th Logic function

Logic function

☒

☒

☒

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Waltz KNX Push Button Sensor with Secure, 4-gang > Logic function > 1st Logic function

KNX Secure

+ General

Description for logic function

Function of channel

AND

5.6

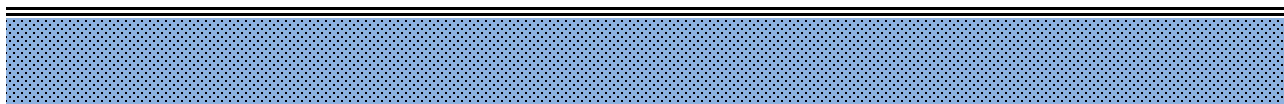
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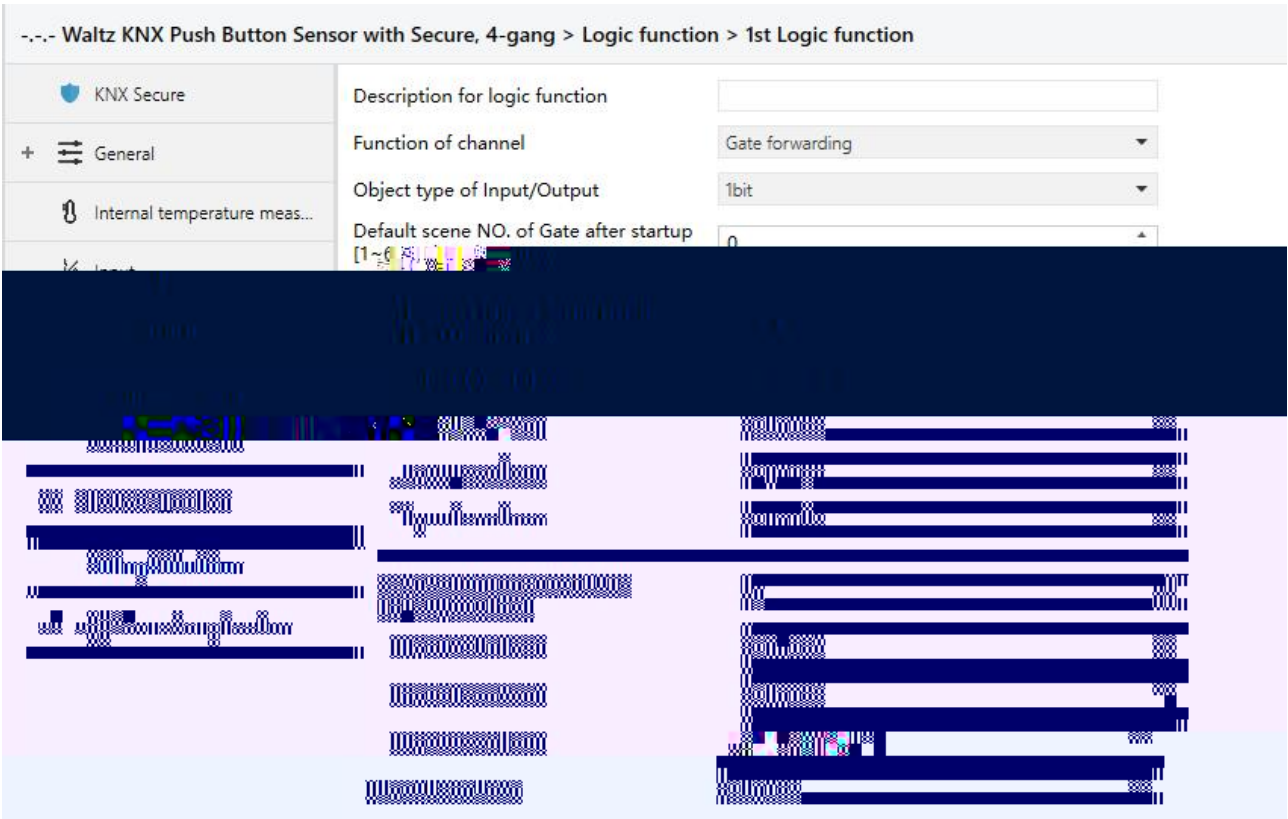
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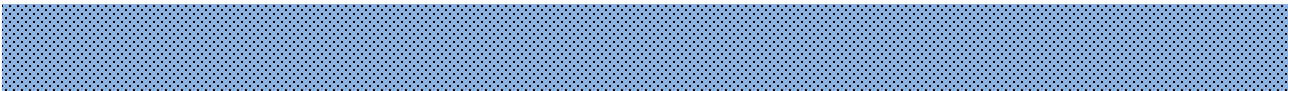
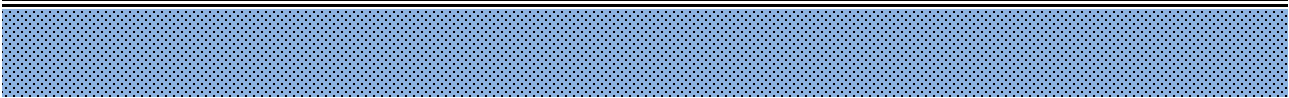




5.6.2

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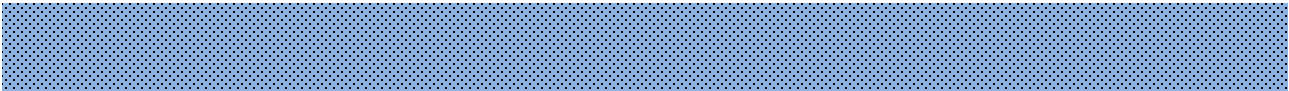
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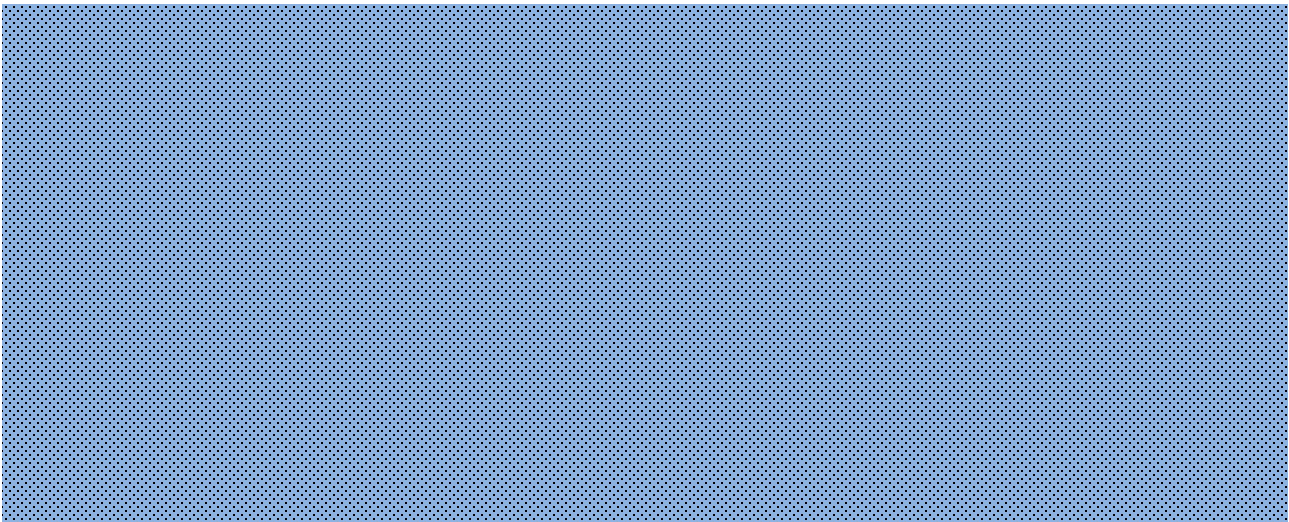
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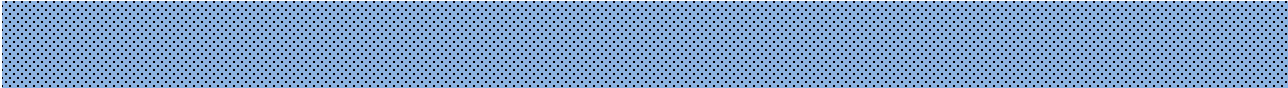
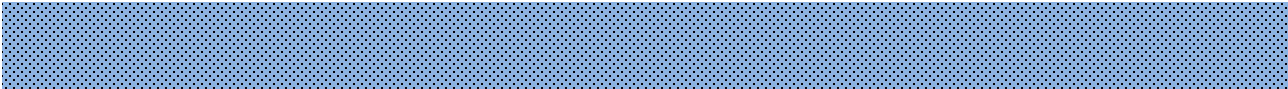
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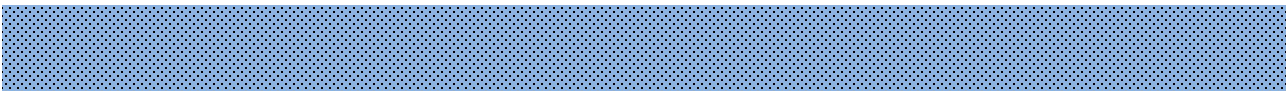
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Waltz KNX Push Button Sensor with Secure, 4-gang > Logic function > 1st Logic function

 KNX Secure  General  Internal temperature me...  Input	Description for logic function Function of channel Function Output send when	Format convert 2x1Bit-->1x2Bit ☒ Receiving a new telegram ☐ Every change of output object
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5.6.4

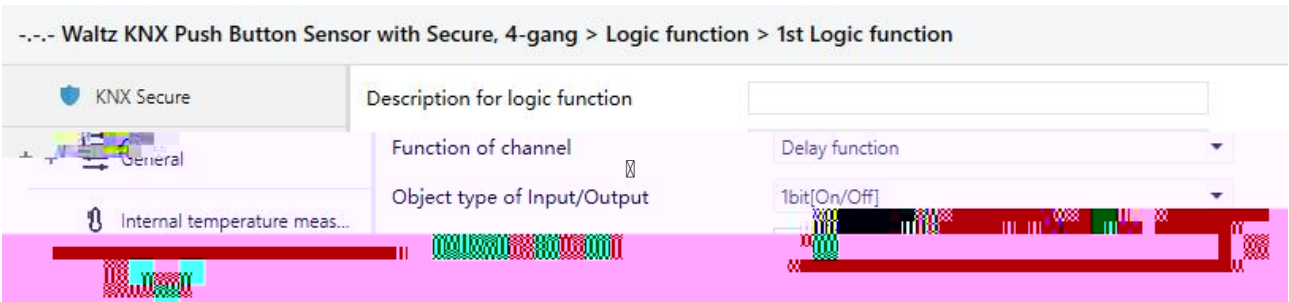


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5.6.6

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Waltz KNX Push Button Sensor with Secure, 4-gang > Logic function > 1st Logic function

KNX Secure

General

Internal temperature meas...

Input

Button

Button 1 - String

Customized colour

Description for logic function

Function of channel

Trigger value

Object type of output

Duration time of staircase lighting [10..6500]

Send value 1 when trigger

Send value 2 after duration time

Retriggering

Staircase lighting

1

1bit

1byte

10

s

OFF

ON

OFF

ON

Disable

Enable

5.6.7

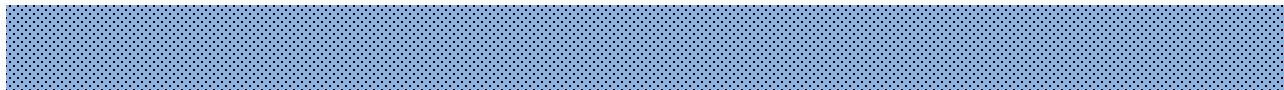
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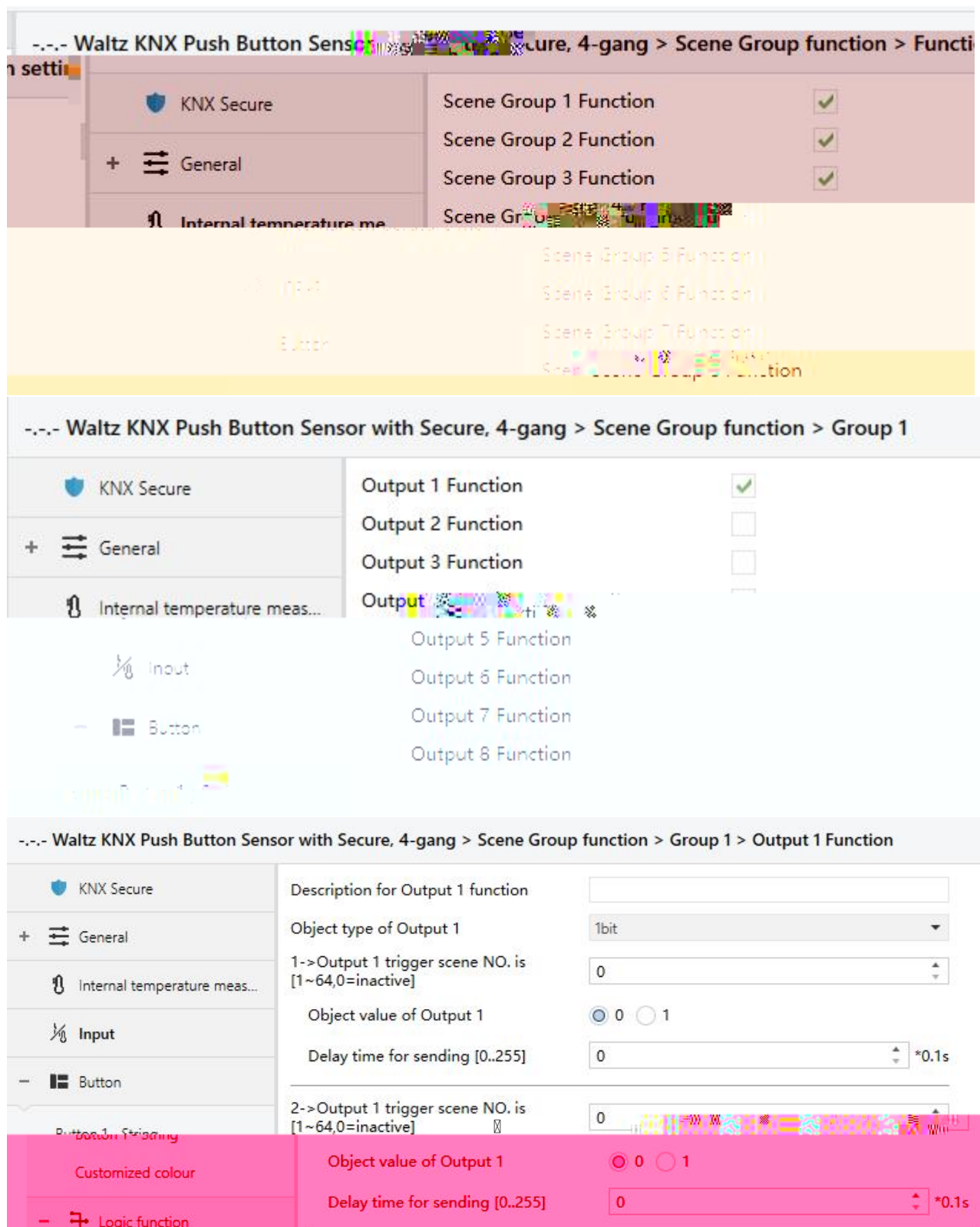
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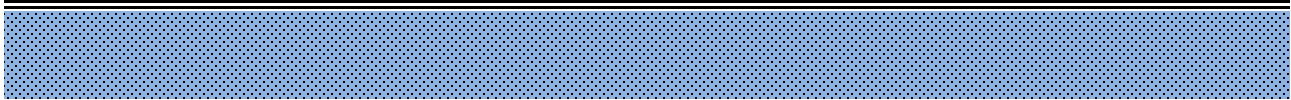
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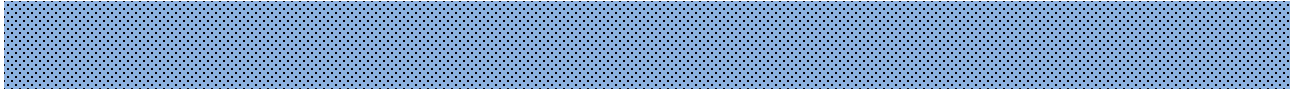
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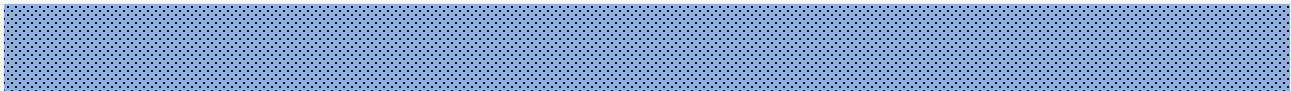
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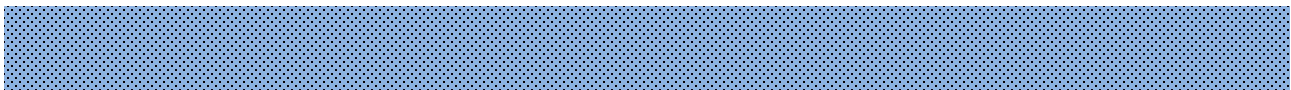
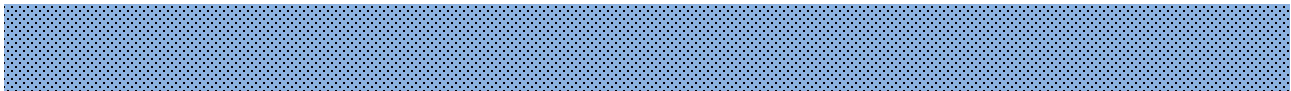
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2 -

	Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
	1	General	In operation			1 bit	C	R	-	T	-	switch	Low
	204	Extension function	Night mode			1 bit	C	-	W	T	U	day/night	Low
	208	Extension function	Panel orientation indication			1 bit	C	-	W	-	-	trigger	Low
	206	Extension function	Remixing input			1 bit	C	-	W	-	-	switch	Low

6.1

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6.1

Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
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	Internal sensor	High temperature alarm			1 bit	C	R	-	T	-	alarm	Low

6.2

-50 .8												

6.2

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
198	Input 1 - Temperature probe	Actual temperature, Sensor			2 bytes	C	R	-	T	-	temperature (°C)	Low
199	Input 1 - Temperature probe	Temperature error report, Sensor			1 bit	C	R	-	T	-	alarm	Low

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
198	Input 1 - Switch sensor	Switch			1 bit	C	-	W	T	U	switch	Low
198	Input 1 - Switch sensor	Close, Switch			1 bit	C	-	W	T	U	switch	Low
199	Input 1 - Switch sensor	Short, Switch			1 bit	C	-	W	T	U	switch	Low
199	Input 1 - Switch sensor	Long, Switch			1 bit	C	-	W	T	U	switch	Low
200	Input 1 - Switch sensor	Disable			1 bit	C	-	W	-	-	enable	Low

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
198	Input 1 - Scene control	Scene			1 byte	C	-	-	T	-	scene control	Low
198	Input 1 - Scene control	Close, Scene			1 byte	C	-	-	T	-	scene control	Low
199	Input 1 - Scene control	Open, Scene			1 byte	C	-	-	T	-	scene control	Low
198	Input 1 - Scene control	Short, Scene			1 byte	C	-	-	T	-	scene control	Low
199	Input 1 - Scene control	Long, Scene			1 byte	C	-	-	T	-	scene control	Low

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
198	Input 1 - Send String	String			14 bytes	C	-	-	T	-	Character String (ISO...	Low
198	Input 1 - Send String	Close, String			14 bytes	C	-	-	T	-	Character String (ISO...	Low
198	Input 1 - Send String	Short, String			14 bytes	C	-	-	T	-	Character String (ISO...	Low
199	Input 1 - Send String	Long, String			14 bytes	C	-	-	T	-	Character String (ISO...	Low

6.3

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Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - Switching	Switch			1 bit	C	-	W	T	U	switch	Low
142	Button 1 - Switching	Press, Switch			1 bit	C	-	W	T	U	switch	Low
142	Button 1 - Switching	Release, Switch			1 bit	C	-	W	T	U	switch	Low
142	Button 1 - Switching	Short, Switch			1 bit	C	-	W	T	U	switch	Low
142	Button 1 - Switching	Long, Switch			1 bit	C	-	W	T	U	switch	Low

Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - Dimming	Short, Switch			1 bit	C	-	W	T	U	switch	Low
142	Button 1 - Dimming	Long, Dimming			4 bit	C	-	W	T	-	dimming control	Low
142	Button 1 - Dimming	Disable			1 bit	C	-	W	-	-	enable	Low
142	Button 1 - Dimming	LED status			1 bit	C	-	W	T	U	switch	Low

Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - RGB	Switch			1 bit	C	-	W	T	U	switch	Low
143	Button 1 - RGB	RGB dimming value			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low
143	Button 1 - RGB	Red dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
144	Button 1 - RGB	Green dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
145	Button 1 - RGB	Blue dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
147	Button 1 - RGB	Disable			1 bit	C	-	W	-	-	enable	Low
148	Button 1 - RGB	LED status			1 bit	C	-	W	T	U	switch	Low

Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - RGBW	Switch			1 bit	C	-	W	T	U	switch	Low
143	Button 1 - RGBW	RGBW dimming value			6 bytes	C	-	-	T	-	RGBW value 4x(0..100%)	Low
143	Button 1 - RGBW	Red dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
144	Button 1 - RGBW	Green dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
145	Button 1 - RGBW	Blue dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low

Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - Colour temperature	Switch			1 bit	C	-	W	T	U	switch	Low
143	Button 1 - Colour temperature	Brightness value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
144	Button 1 - Colour temperature	Colour temperature value			2 bytes	C	-	-	T	-	absolute colour temperature (K)	Low
147	Button 1 - Colour temperature	Disable			1 bit	C	-	W	-	-	enable	Low
148	Button 1 - Colour temperature	LED status			1 bit	C	-	W	T	U	switch	Low

Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - Value sender	Short, 1bit value			1 bit	C	-	-	T	-	switch	Low
143	Button 1 - Value sender	Long, 1bit value			1 bit	C	-	-	T	-	switch	Low
142	Button 1 - Value sender	Short, 2bit value			2 bit	C	-	-	T	-	switch control	Low
143	Button 1 - Value sender	Long, 2bit value			2 bit	C	-	-	T	-	switch control	Low
142	Button 1 - Value sender	Short, 4bit value			4 bit	C	-	-	T	-	dimming control	Low
143	Button 1 - Value sender	Long, 4bit value			4 bit	C	-	-	T	-	dimming control	Low
142	Button 1 - Value sender	Short, 1bvtte value			1 bvtte	C	-	-	T	-	counter pulses (0..255)	Low
142	Button 1 - Value sender	Short, 2bvtte value			2 bvttes	C	-	-	T	-	pulses	Low
142	Button 1 - Value sender	Short, 2byte float value			2 bytes	C	-	-	T	-	2-byte float value	Low
143	Button 1 - Value sender	Long, 2byte float value			2 bytes	C	-	-	T	-	2-byte float value	Low

(1)

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

(2)

Number	Name	Object Function	Description	Group	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 - Blind	Up/Down, Blind		1 bit		1 bit	C	-	W	T	-	up/down	Low
143	Button 1 - Blind	Stop/Adjust, Blind		1 bit		1 bit	C	-	W	T	-	up/down	Low
147	Button 1 - Blind	Disable		1 bit		1 bit	C	-	W	-	-	enable	Low
148	Button 1 - Blind	LED status		1 bit		1 bit	C	-	W	T	U	switch	Low

	Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
🔍	142	Button 1 - Shift register	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	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
🔧	142	Button 1 - Multiple operation	Object1-On/Off			1 bit	C	-	W	T	-	switch	Low
🔧	142	Button 1 - Multiple operation	Object1-Up/Down			1 bit	C	-	W	T	-	up/down	Low
🔧	142	Button 1 - Multiple operation	Object1-SceneControl			1 byte	C	-	-	T	-	scene control	Low
🔧	142	Button 1 - Multiple operation	Object1-Percentage			1 byte	C	-	-	T	-	percentage (0..100%)	Low
🔧	142	Button 1 - Multiple operation	Object1-Unsigned value			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
🔧	147	Button 1 - Multiple operation	Disable			1 bit	C	-	W	-	-	enable	Low
🔧	148	Button 1 - Multiple operation	LED status			1 bit	C	-	W	T	U	switch	Low

	Number	Name	Object Function	Descr	Group	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

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
142	Button 1 - RTC mode	Comfort mode			1 bit	C	-	-	T	-	enable	Low
143	Button 1 - RTC mode	Economy mode			1 bit	C	-	-	T	-	enable	Low
144	Button 1 - RTC mode	Frost/Heat protection mode			1 bit	C	-	-	T	-	enable	Low
145	Button 1 - RTC mode	Standby mode			1 bit	C	-	-	T	-	enable	Low
142	Button 1 - RTC mode	Operation mode			1 byte	C	-	-	T	-	HVAC mode	Low
147	Button 1 - RTC mode	Disable			1 bit	C	-	W	-	-	enable	Low
148	Button 1 - RTC mode	LED status			1 bit	C	-	W	T	U	switch	Low

	Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
	142	Button 1 - String	String			14 bytes	C	-	-	T	-	Character String (ISO 8859-1)	Low
	147	Button 1 - String	Disable			1 bit	C	-	W	-	-	enable	Low
	148	Button 1 - String	LED status			1 bit	C	-	W	T	U	switch	Low

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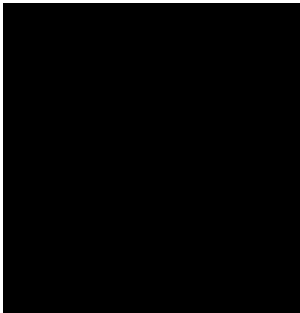
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Number	Name	Object Function	Descr	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Gate value select			1 byte	C	-	W	-	-	scene number	Low
6	1st Logic	Input A			1 bit	C	-	W	-	-	switch	Low
7	1st Logic	Input B			1 bit	C	-	W	-	-	switch	Low
8	1st Logic	Input C			1 bit	C	-	W	-	-	switch	Low
9	1st Logic	Input D			1 bit	C	-	W	-	-	switch	Low
10	1st Logic	Output A			1 bit	C	-	W	-	-	switch	Low
11	1st Logic	Output B			1 bit	C	-	W	-	-	switch	Low
12	1st Logic	Output C			1 bit	C	-	W	-	-	switch	Low
13	1st Logic	Output D			1 bit	C	-	W	-	-	switch	Low

6.5.2

6.5.2

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 1bit-bit0			1 bit	C	-	W	-	U	boolean	Low
6	1st Logic	Input 1bit-bit1			1 bit	C	-	W	-	U	boolean	Low
13	1st Logic	Output 2bit			2 bit	C	-	-	T	-	switch control	Low

2 1 - 1 2

2 1

2

1 1, 0 0--

2 2

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 1bit-bit0			1 bit	C	-	W	-	U	boolean	Low
6	1st Logic	Input 1bit-bit1			1 bit	C	-	W	-	U	boolean	Low
7	1st Logic	Input 1bit-bit2			1 bit	C	-	W	-	U	boolean	Low
8	1st Logic	Input 1bit-bit3			1 bit	C	-	W	-	U	boolean	Low
9	1st Logic	Input 1bit-bit4			1 bit	C	-	W	-	U	boolean	Low
10	1st Logic	Input 1bit-bit5			1 bit	C	-	W	-	U	boolean	Low
11	1st Logic	Input 1bit-bit6			1 bit	C	-	W	-	U	boolean	Low
12	1st Logic	Input 1bit-bit7			1 bit	C	-	W	-	U	boolean	Low
13	1st Logic	Output 1byte			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

8 1 - 1 1

8 1

1

2 1, 1 1, 0 1,

0--

1 7

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 1byte			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
13	1st Logic	Output 2byte			2 bytes	C	-	-	T	-	pulses	Low

1 1 - 1 2

1

2

1 125--

2 125,

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 1byte			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
13	1st Logic	Output 2byte			2 bytes	C	-	-	T	-	pulses	Low

2 1 - 1 2

2 1

2

1 - 255 (\$),

1 - 100 (\$64) --

2 25855 (\$64)

Number	Name	Object Function	Description	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 2byte-low			2 bytes	C	-	W	-	U	pulses	Low
6	1st Logic	Input 2byte-high			2 bytes	C	-	W	-	U	pulses	Low
13	1st Logic	Output 4byte			4 bytes	C	-	-	T	-	counter pulses (unsigned)	Low

2 2 - 1 4

2 2

4

2 - 65530 (\$),

2 - 32768 (\$80 00)--

2 214754 178 (\$80 00)

Number	Name	Object Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 2byte			2 bytes	C	-	W	-	U	pulses	Low
12	1st Logic	Output 2byte-low			2 bytes	C	-	-	T	-	counter pulses (0..255)	Low
13	1st Logic	Output 2byte-high			2 bytes	C	-	-	T	-	counter pulses (0..255)	Low

1 1 - 8 1 1 1 8 1 1 200 -- 0 0, 1 0,
2 0, 3 1, 4 0, 5 0, 6 1, 7 1

Number	Name	Object Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 2byte			2 bytes	C	-	W	-	U	pulses	Low
12	1st Logic	Output 2byte-low			2 bytes	C	-	-	T	-	counter pulses (0..255)	Low
13	1st Logic	Output 2byte-high			2 bytes	C	-	-	T	-	counter pulses (0..255)	Low

1 2 - 2 1 1 2 2 1 2 55500 (\$ 8) --
1 - 204 (\$), 1 - 216 (\$ 8)

Number	Name	Object Function	Descri	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

1 4 - 2 2 1 4 2 2 4 7800 500 (\$04 6 54
) -- 2 - 21660 (\$54), 2 - 11 0 (\$04 6)

Number	Name	Object Function	Descri	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
13	1st Logic	Output 1byte-high			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

1 3 - 3 1 1 3 3 1 3 \$78 64 8--
1 - 200 (\$ 8), 1 - 100 (\$64), 1 - 120 (\$78)

Number	Name	Object Function	Descri	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Input 1byte-low			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
6	1st Logic	Input 1byte-middle			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
7	1st Logic	Input 1byte-high			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
13	1st Logic	Output 3byte			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low

3 1 - 1 3 3 1 1 3 1 - 150 (\$ 6),
1 - 100 (\$64), 1 - 50 (\$32)-- 3 \$32 64 6
6.5.4

6.5.4

6.5.6

6.5.6

Number	Name	Object	Description	Group	Length	C	R	W	T	U	Data Type	Priority
5	1st Logic	Trigger value			1 bit	C	-	W	-	-	trigger	Low
6	1st Logic	Light-on duration time			2 bytes	C	-	W	-	-	time (s)	Low
13	1st Logic	Output			1 bit	C	-	-	T	-	switch	Low
13	1st Logic	Output			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

6.5.7

1			2		

6.5.7

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

6.6

					0..63
88 1					

6.6