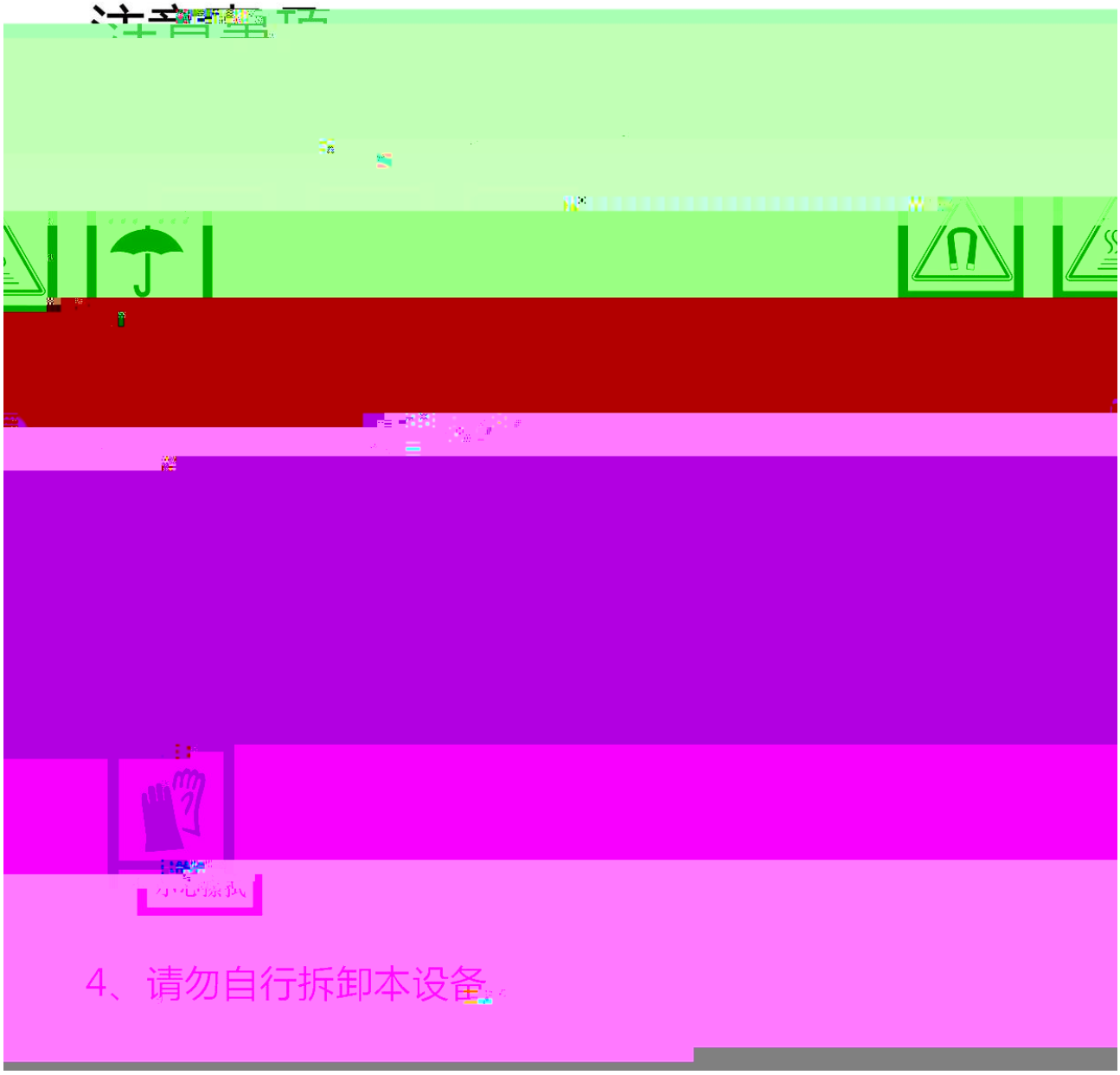
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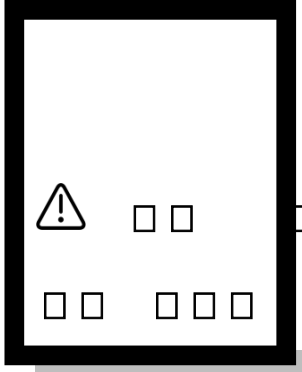
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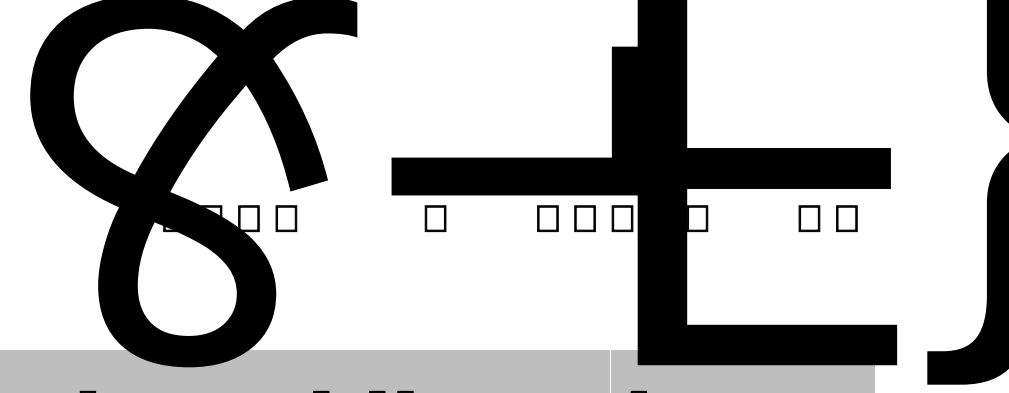


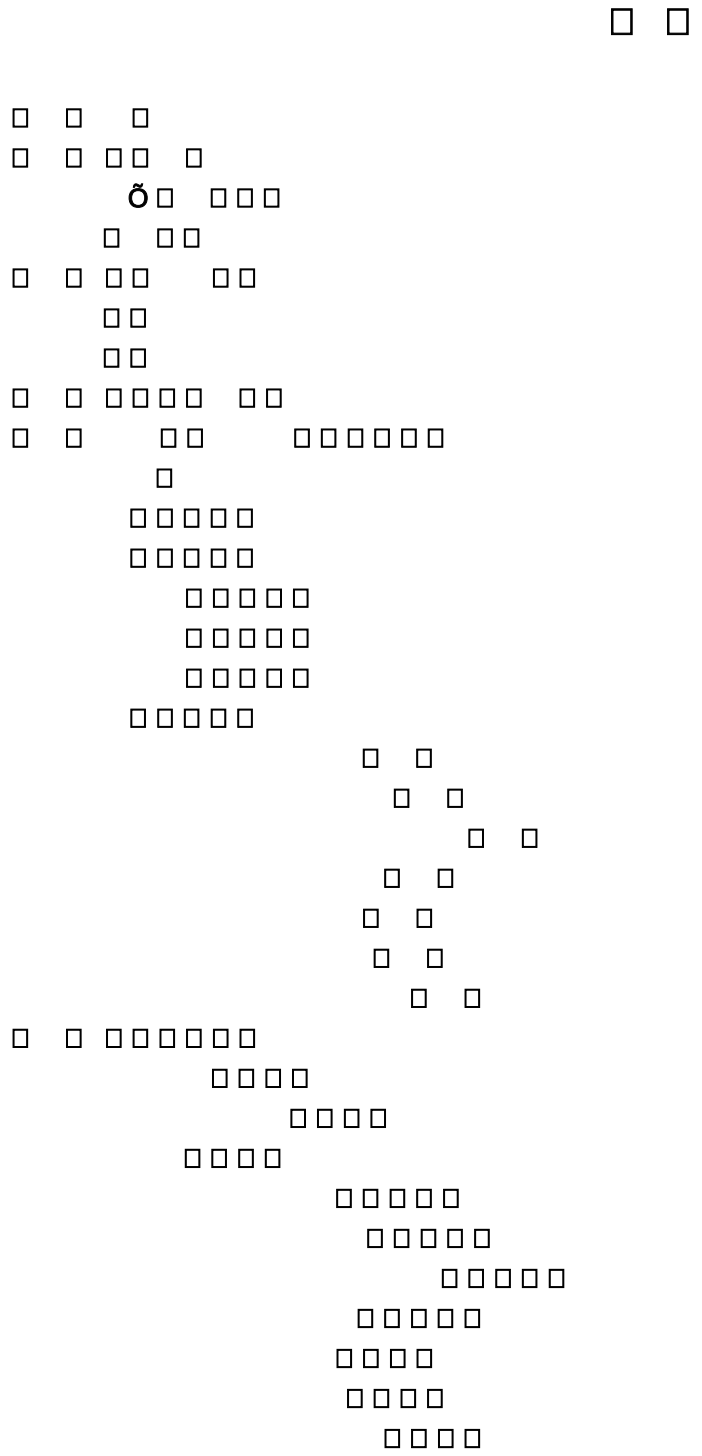
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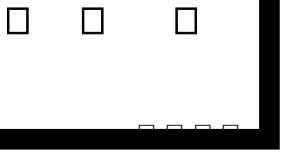












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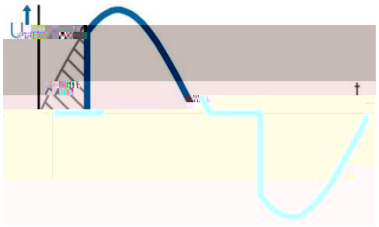
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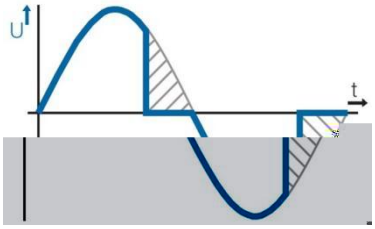
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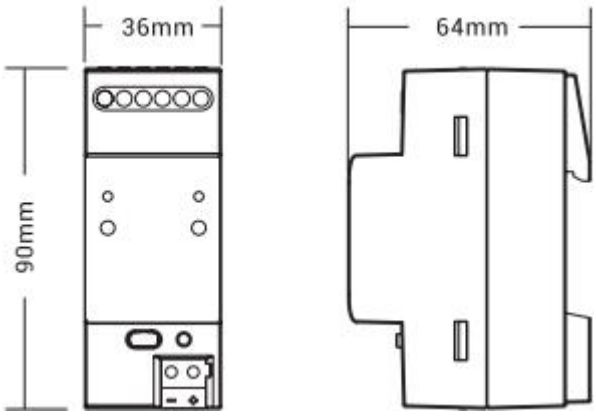
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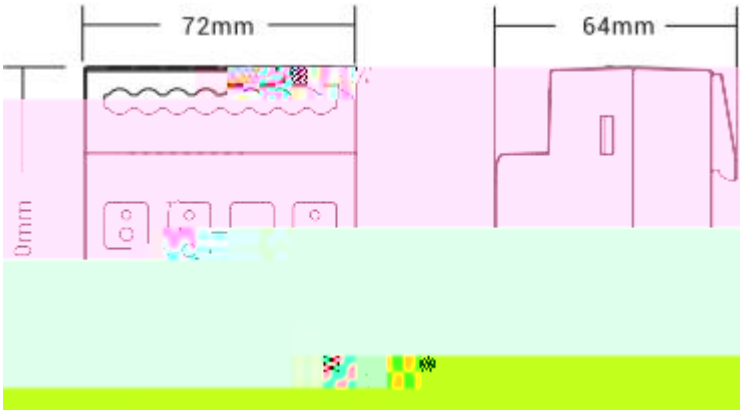


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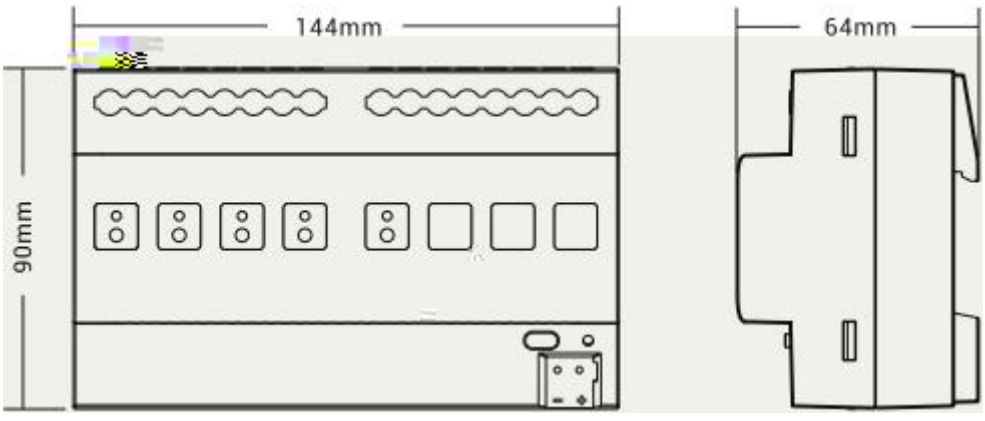
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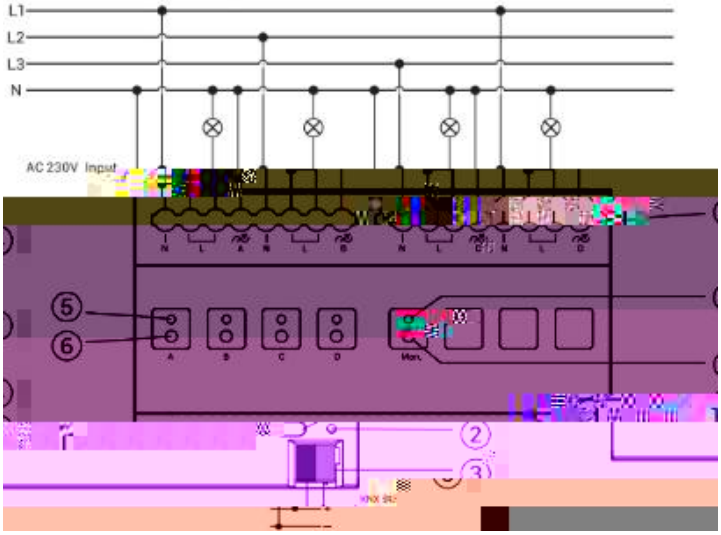

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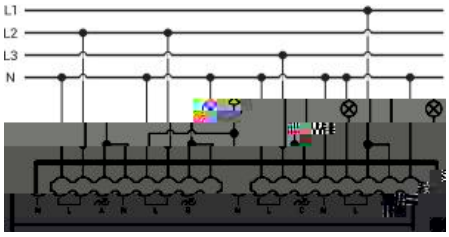

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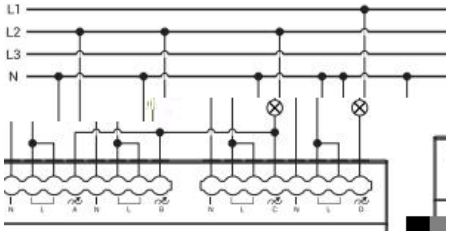
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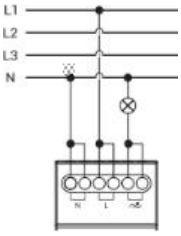
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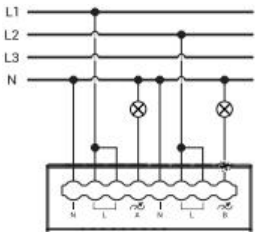
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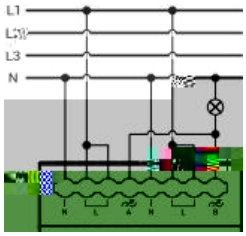
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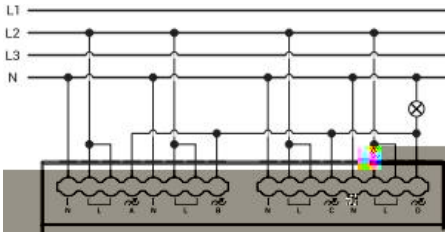
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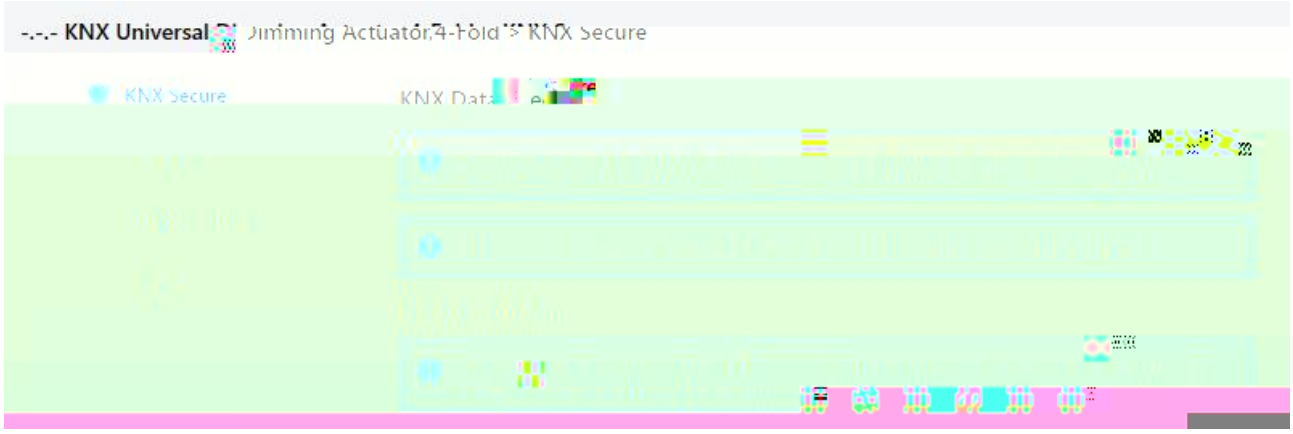
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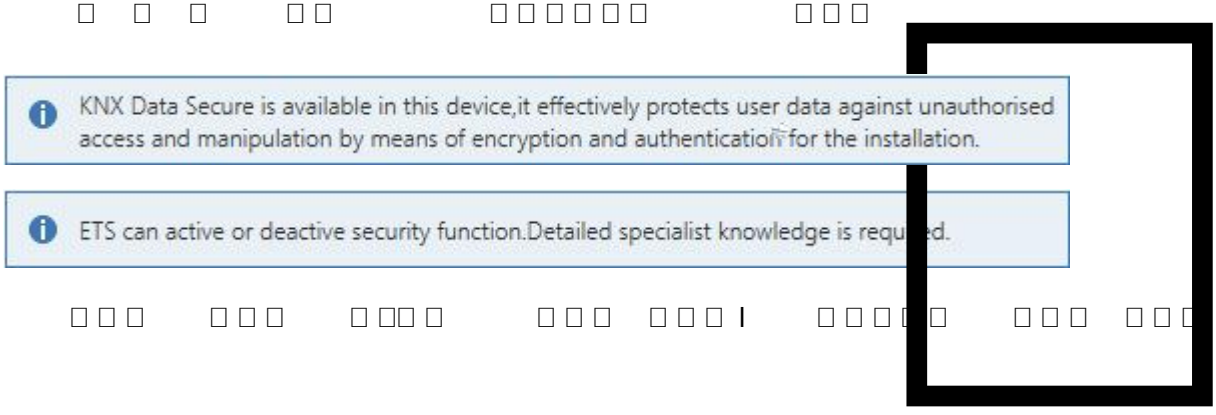
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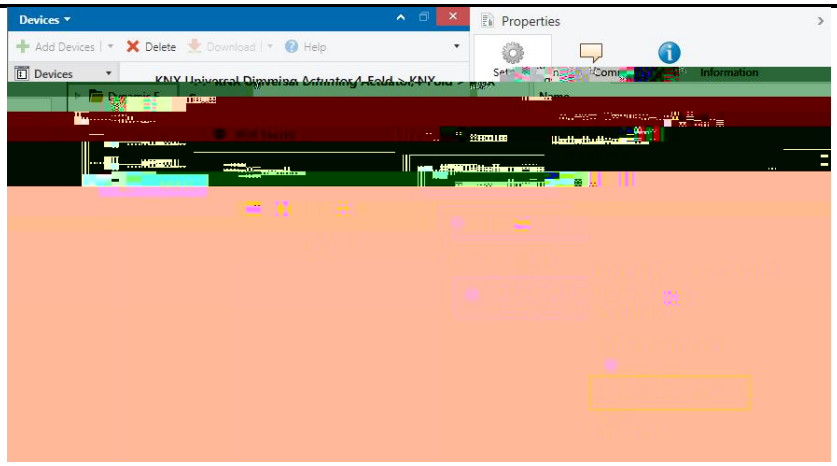
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-.-.- KNX Universal Dimming Actuator,4-Fold - KNX Secure
KNX Secure
KNX Data


KNX Data Secure is available in this device,it effectively protects user data against unauthorised access and manipulation by means of encryption and authentication for the installation.
ETS can active or deactive security function.Detailed specialist knowledge is required.

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Devices
Add Devices
Delete
Download
Help
Devices
Properties
Information

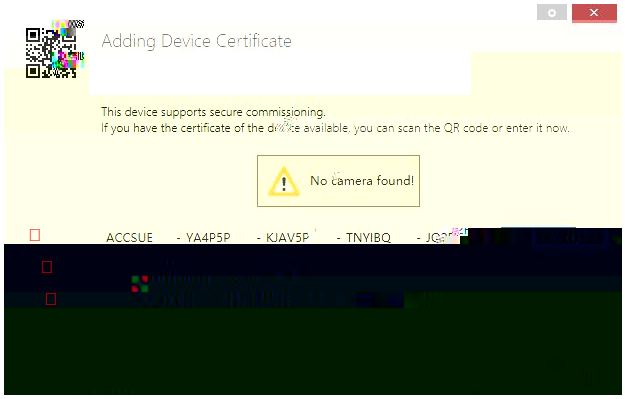
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Adding Device Certificate
This device supports secure commissioning.
If you have the certificate of the device available, you can scan the QR code or enter it now.
No camera found!
ACCSUE - YA4P5P - KJAV5P - TNYIBQ - JG



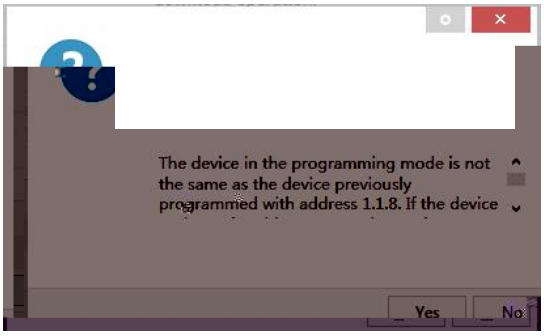
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The device in the programming mode is not the same as the device previously programmed with address 1.1.8. If the device
Yes
No

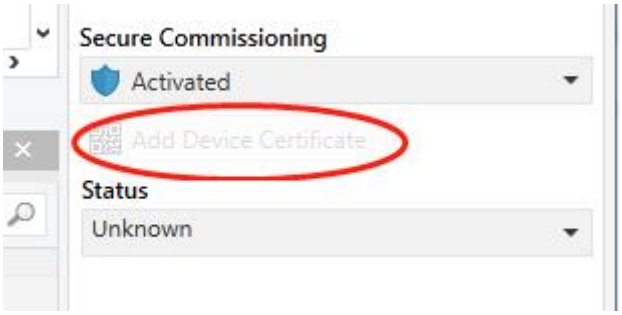

Device is secured with a key not known...
If you are sure you opened the correct
Download(All): Failed
Device is secured with a key not known within this project.
If you are sure you opened the correct project and
device certificate available,
you can get access ag
by performing a factory reset on the device according to the product documentation.

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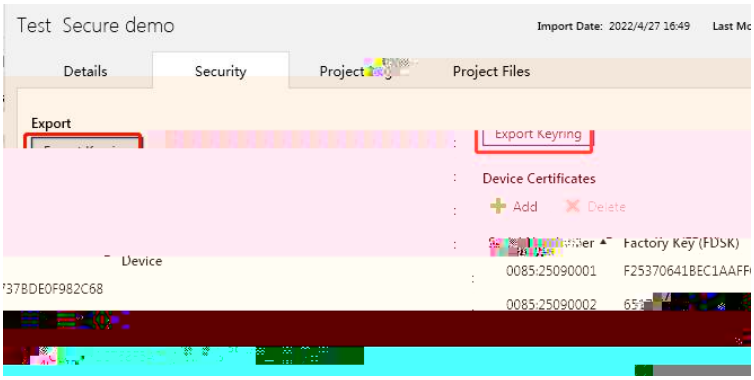
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Secure Commissioning
Activated
Add Device Certificate
Status
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Project
Project Files
Export
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Device Certificates
Add
Delete
Device
Factory Key (FDSK)
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F25370641BEC1AAFF
0085:25090002
37BDE0F982C68

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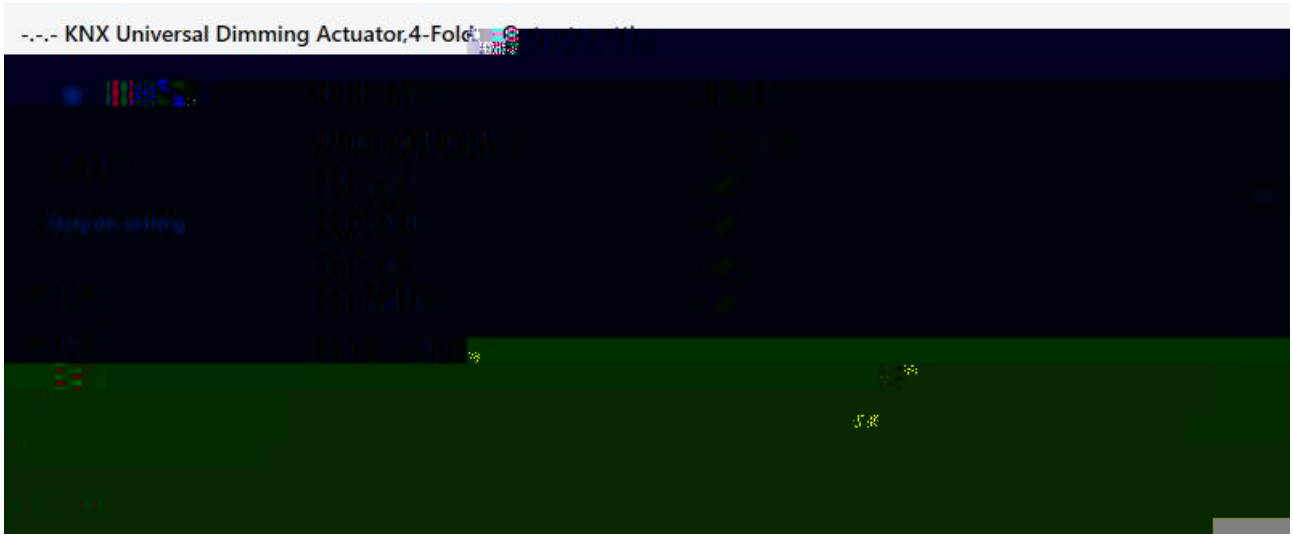
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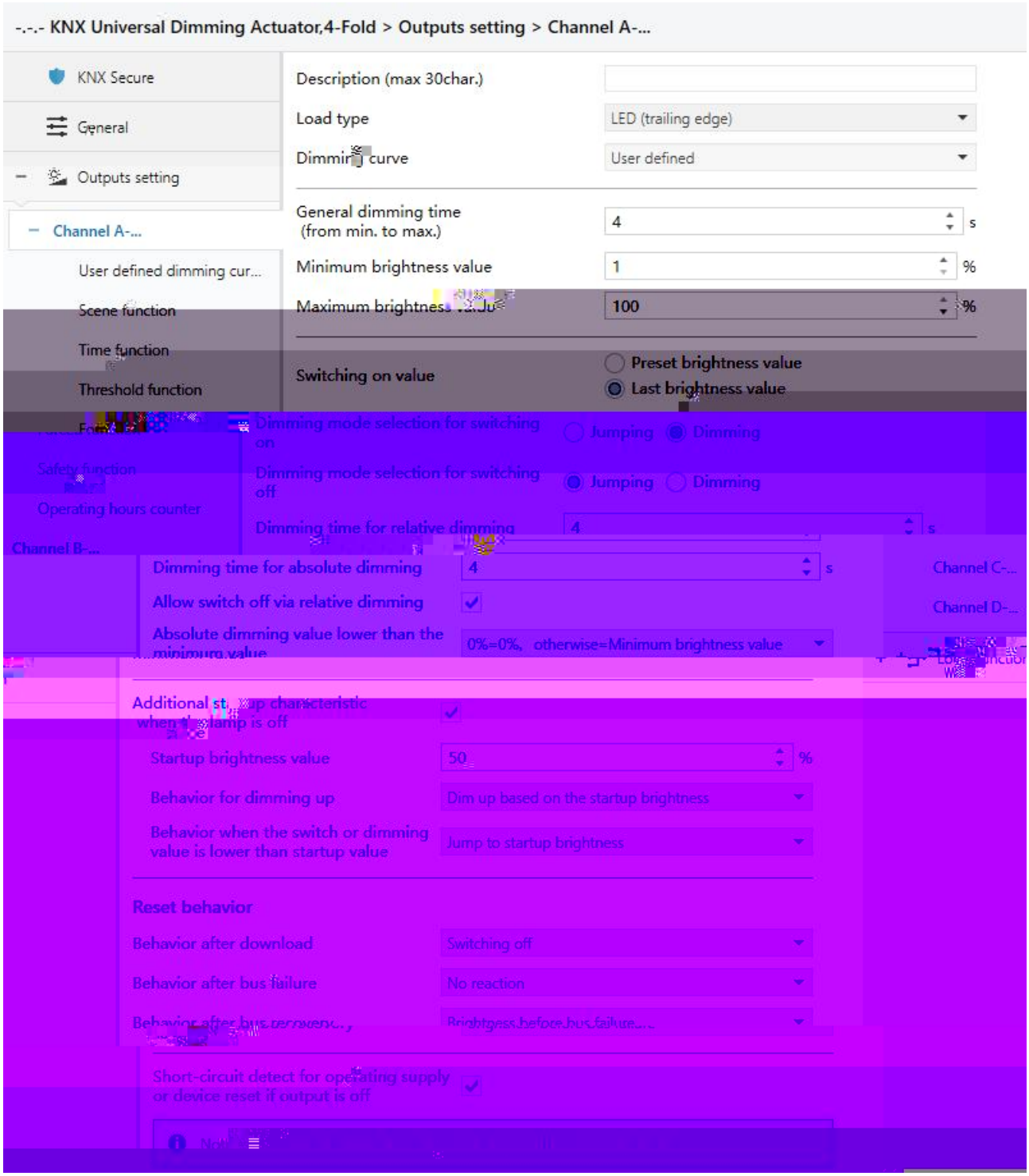
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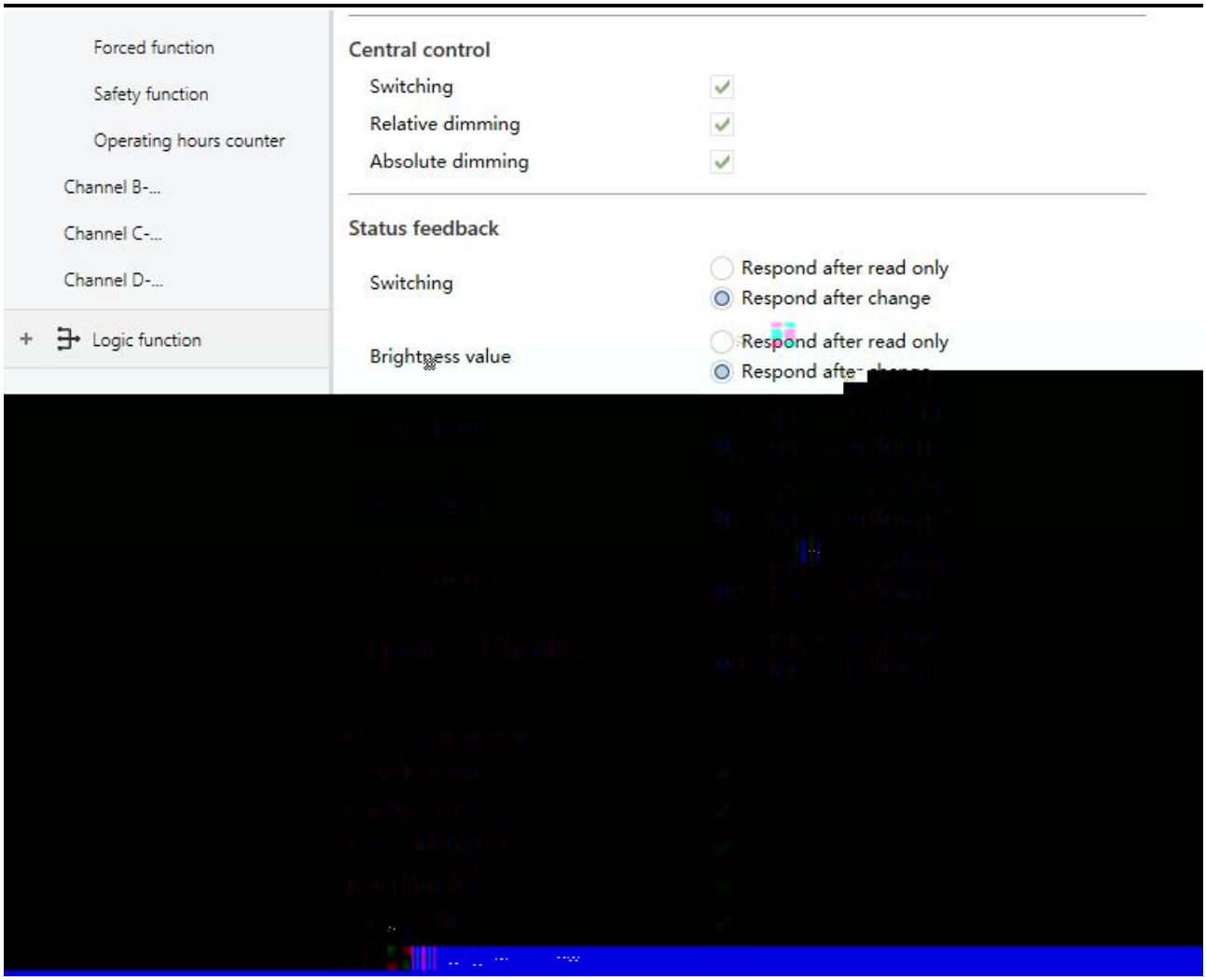
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-.-.- KNX Universal Dimming Actuator,4-Fold > Outputs setting > Channel A-...
KNX Secure
General
Outputs setting
Channel A-...
User defined dimming cur...
Scene function
Time function
Threshold function
Safety function
Operating hours counter
Channel B-...
Channel C-...
Channel D-...
Description (max 30char.)
Load type
LED (trailing edge)
Dimming curve
User defined
General dimming time (from min. to max.)
4
s
Minimum brightness value
1
%
Maximum brightness value
100
%
Switching on value
Preset brightness value
Last brightness value
Dimming mode selection for switching on
Jumping
Dimming
Dimming mode selection for switching off
Jumping
Dimming
Dimming time for relative dimming
4
s
Dimming time for absolute dimming
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Allow switch off via relative dimming
Absolute dimming value lower than the minimum value
0%=0%, otherwise=Minimum brightness value
Additional startup characteristic when the lamp is off
Startup brightness value
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%
Behavior for dimming up
Dim up based on the startup brightness
Behavior when the switch or dimming value is lower than startup value
Jump to startup brightness
Reset behavior
Behavior after download
Switching off
Behavior after bus failure
No reaction
Short-circuit detect for operating supply or device reset if output is off

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Forced function
Safety function
Operating hours counter
Channel B-...
Channel C-...
Channel D-...
Logic function
Central control
Switching
Relative dimming
Absolute dimming
Status feedback
Switching
Respond after read only
Respond after change
Brightness value
Respond after read only

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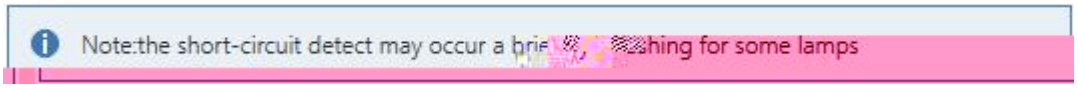
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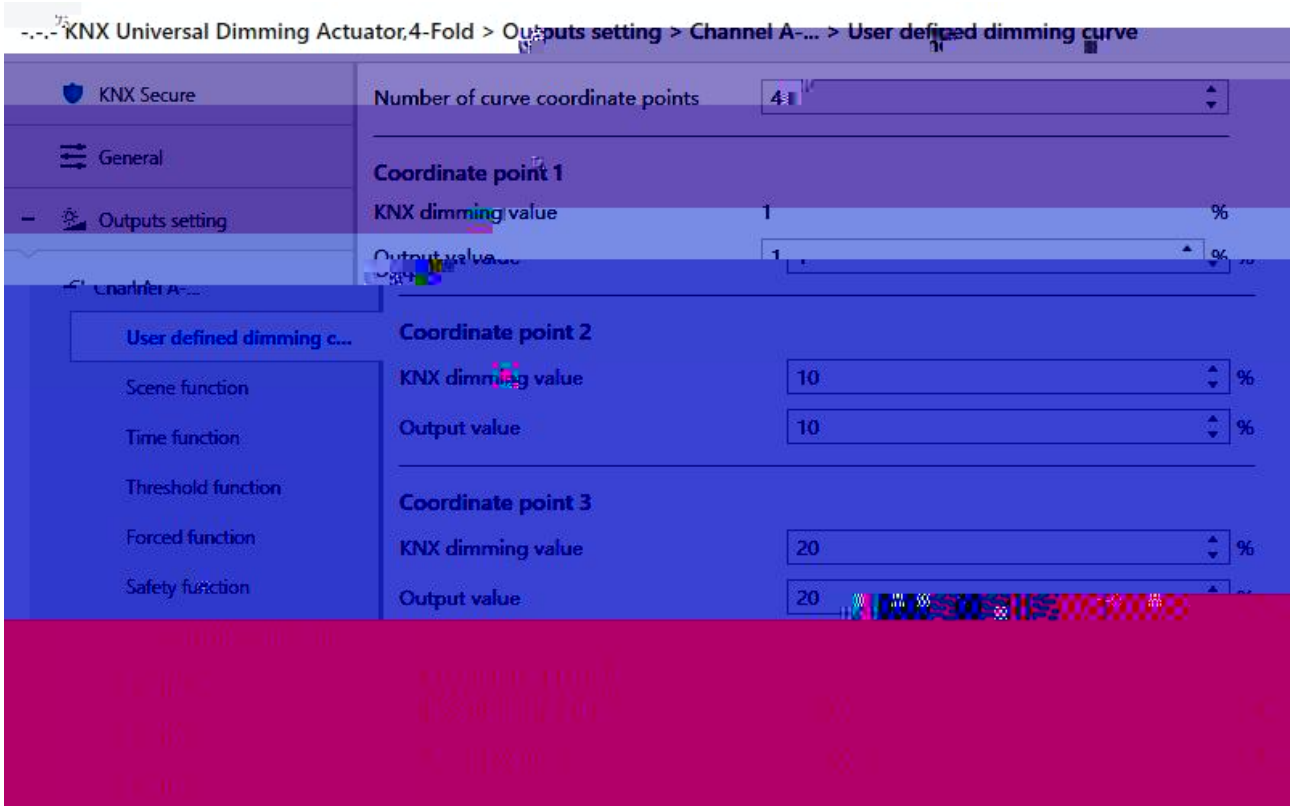
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KNX Universal Dimming Actuator,4-Fold > Outputs setting > Channel A-... > User defined dimming curve
KNX Secure
General
Outputs setting
User defined dimming c...
Scene function
Time function
Threshold function
Forced function
Safety function
Number of curve coordinate points
4
Coordinate point 1
KNX dimming value
1
%
Output value
1
%
Coordinate point 2
KNX dimming value
10
%
Output value
10
%
Coordinate point 3
KNX dimming value
20
%
Output value
20

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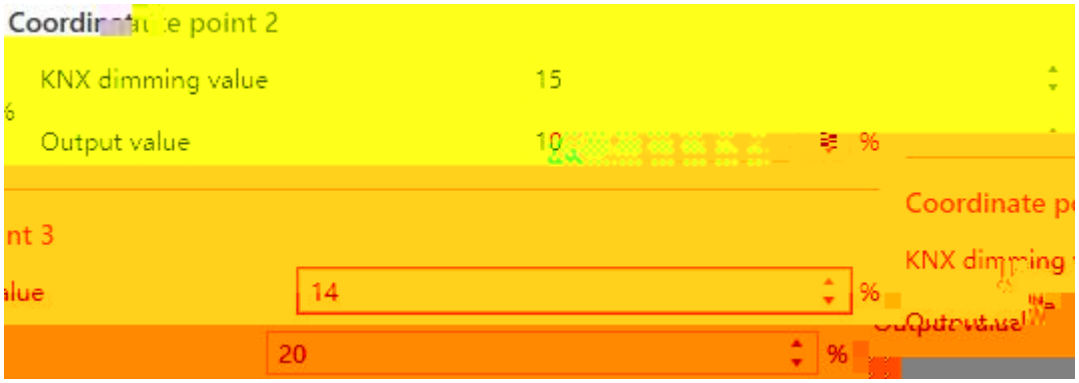
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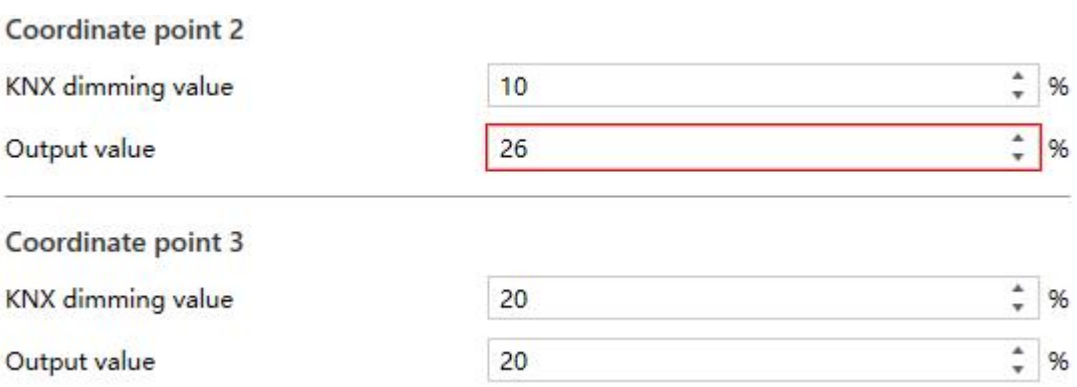
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Coordinate point 2
KNX dimming value
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Output value
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Coordinate p
KNX dimming
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%
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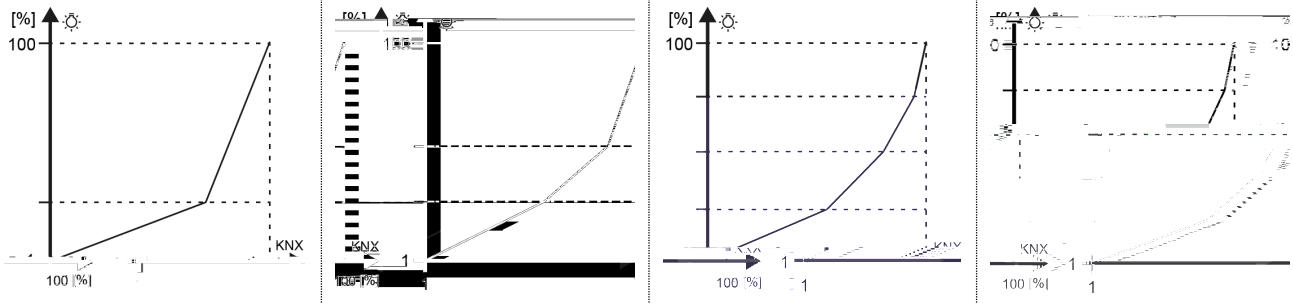
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Coordinate point 2
KNX dimming value
10
%
Output value
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%
Coordinate point 3
KNX dimming value
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%
Output value
20
%

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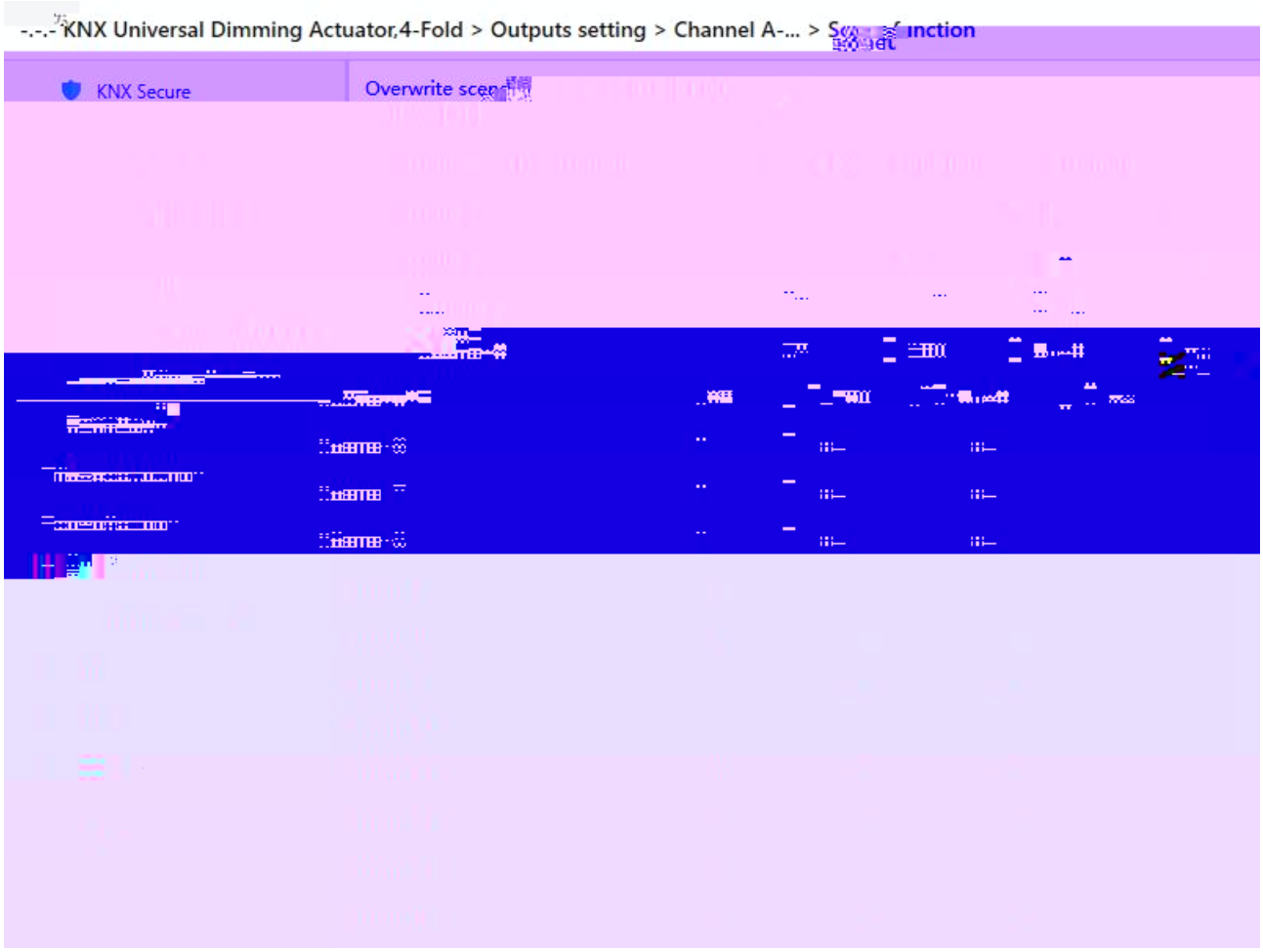
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KNX Universal Dimming Actuator,4-Fold > Outputs setting > Channel A-... > Scene function
KNX Secure
Overwrite scene

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Scenes	Description	Scene NO.	Brightness	Dimming
Scene 1		0	NA	NA

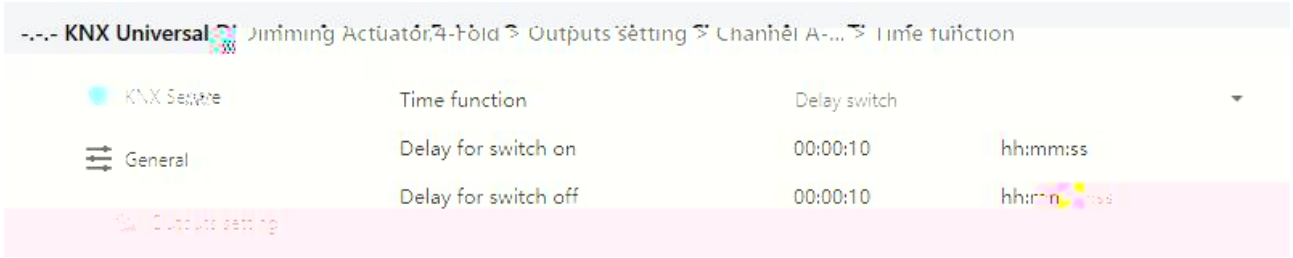
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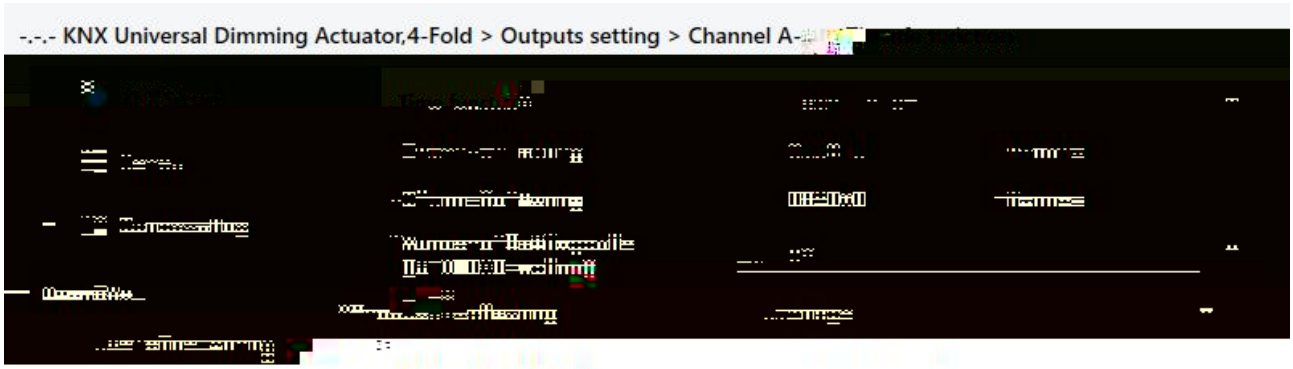
Exist multiple scene NO. assignment conflict, the valid scene NO. can't be the same, please correct, otherwise only the first one of those conflict scene is valid and others will be ignored

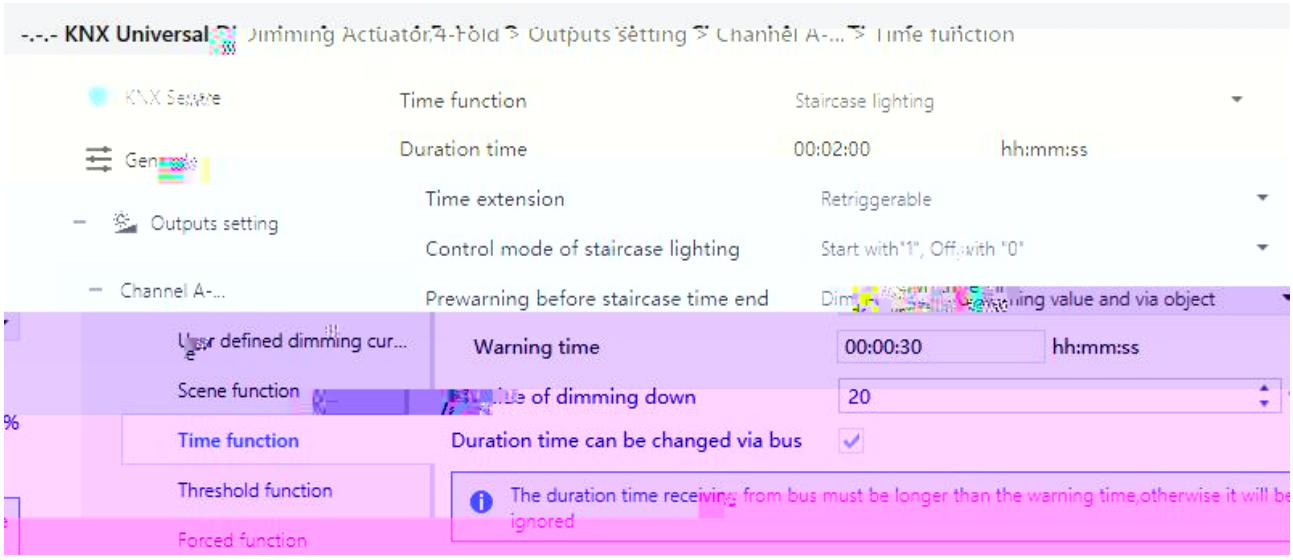
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-.-.- KNX Universal Dimming Actuator,4-Fold > Outputs setting > Channel A-... > Time function
KNX Secure
General
Time function
Delay switch
Delay for switch on
00:00:10
hh:mm:ss
Delay for switch off
00:00:10


-.-.- KNX Universal Dimming Actuator,4-Fold > Outputs setting > Channel A-


-.-.- KNX Universal Dimming Actuator,4-Fold > Outputs setting > Channel A-... > Time function
KNX Secure
Time function
Staircase lighting
Duration time
00:02:00
hh:mm:ss
Outputs setting
Time extension
Retriggerable
Control mode of staircase lighting
Start with"1", Off with "0"
Channel A-...
Prewarning before staircase time end
Warning time
00:00:30
hh:mm:ss
Scene function
20
Time function
Duration time can be changed via bus
Threshold function
The duration time receiving from bus must be longer than the warning time,otherwise it will be ignored
Forced function

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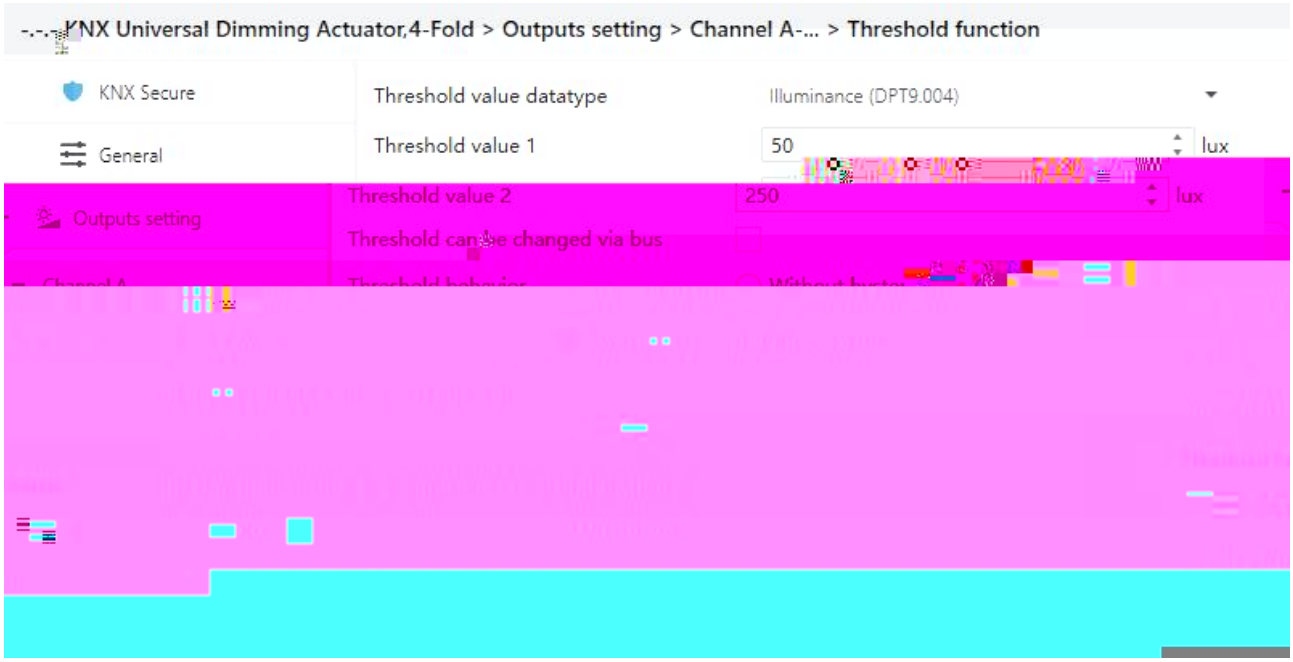
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The duration time receiving from bus must be longer than the warning time,otherwise it will be ignored

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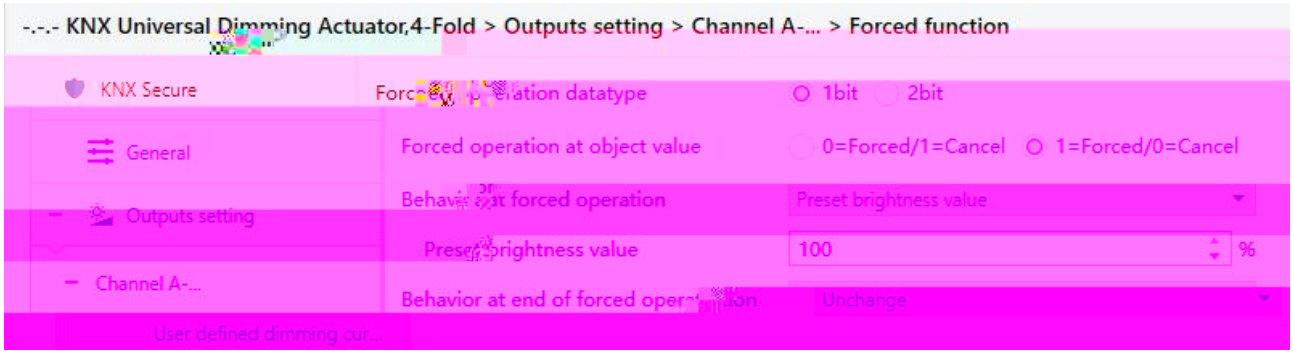
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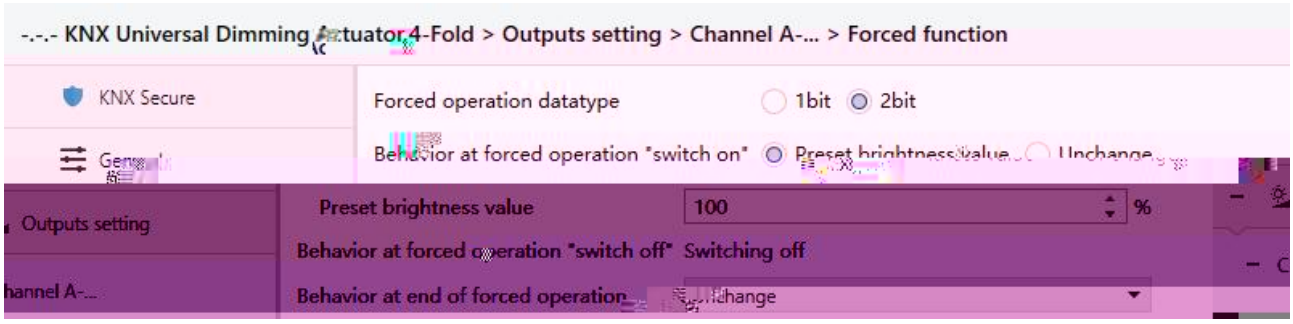
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-.-.- KNX Universal Dimming Actuator,4-Fold > Outputs setting > Channel A-... > Forced function
KNX Secure
General
Outputs setting
Channel A-...
User defined dimming cur...
1bit
2bit
0=Forced/1=Cancel
1=Forced/0=Cancel
Preset brightness value
100
%
Unchange


-.-.- KNX Universal Dimming Actuator,4-Fold > Outputs setting > Channel A-... > Forced function
KNX Secure
Outputs setting
Forced operation datatype
1bit
2bit
Preset brightness value
100
%
Behavior at forced operation "switch off"
Switching off
Behavior at end of forced operation

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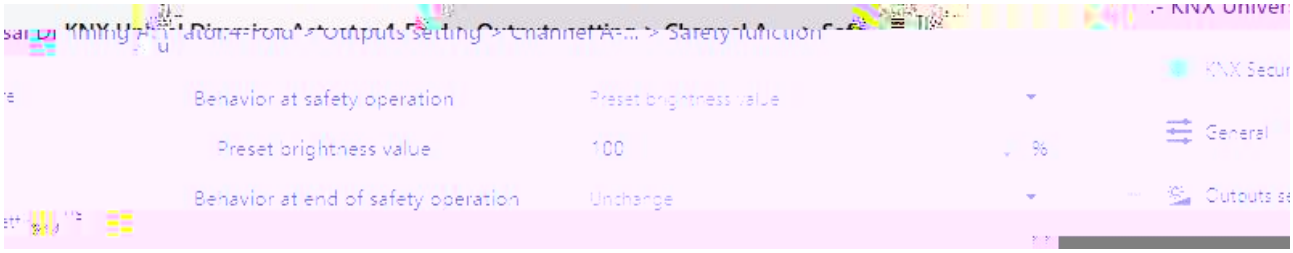
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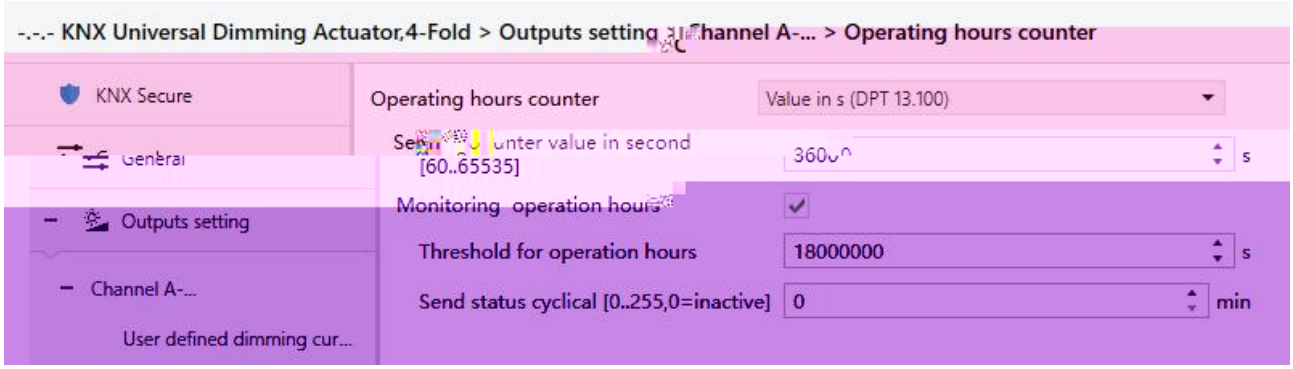
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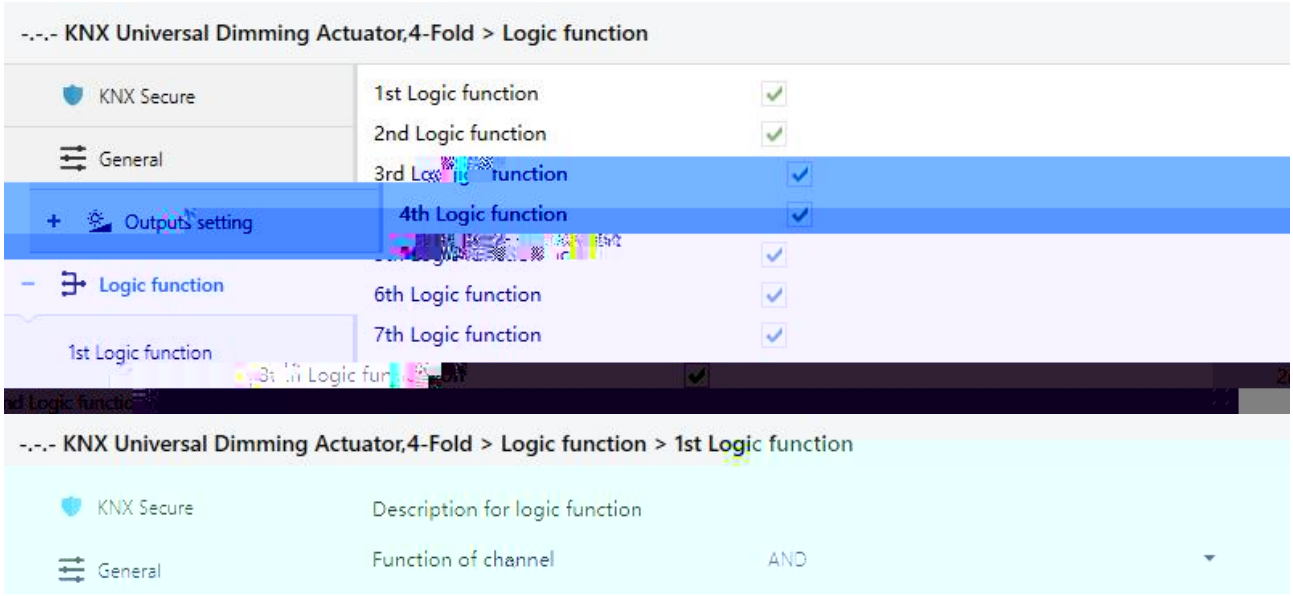
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-.-.- KNX Universal Dimming Actuator,4-Fold > Logic function
KNX Secure
General
Outputs setting
Logic function
1st Logic function
1st Logic function
2nd Logic function
3rd Logic function
4th Logic function
6th Logic function
7th Logic function
-.-.- KNX Universal Dimming Actuator,4-Fold > Logic function > 1st Logic function
KNX Secure
General
Description for logic function
Function of channel
AND

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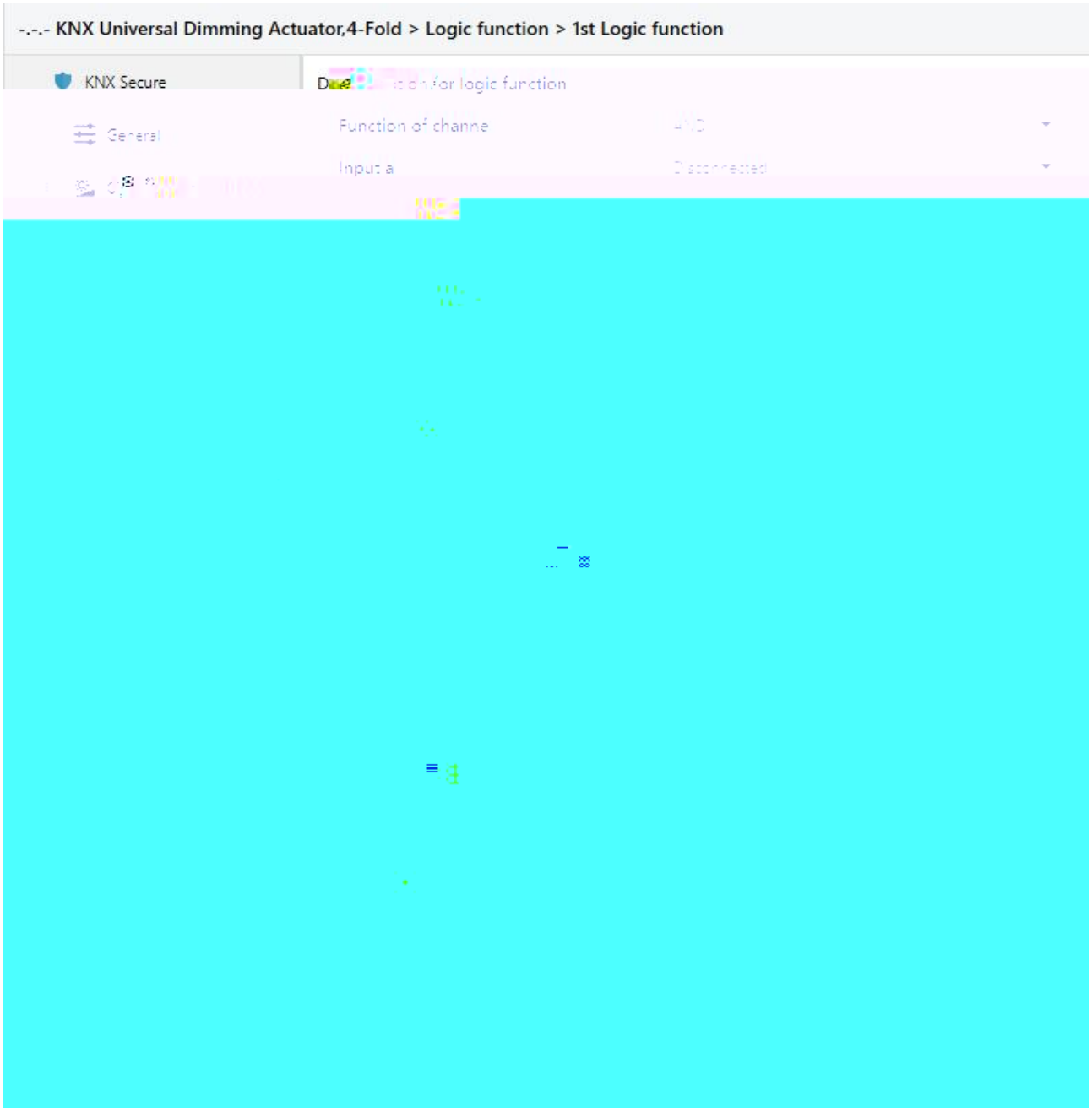
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-.-.- KNX Universal Dimming Actuator,4-Fold > Logic function > 1st Logic function
KNX Secure
General
Function of channe
Input a
Disconnected

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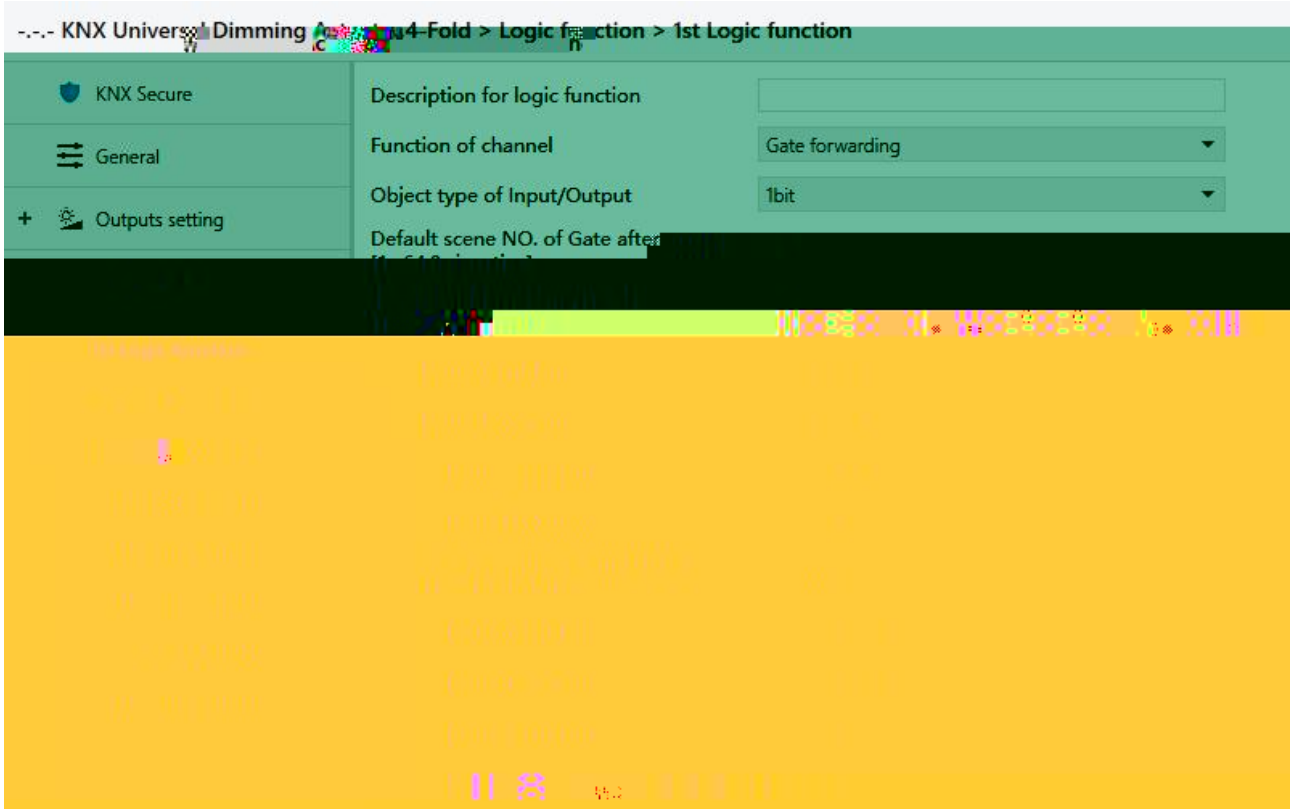
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-.-.- KNX Univers Dimming A 4-Fold > Logic function > 1st Logic function
KNX Secure
General
Outputs setting
Description for logic function
Function of channel
Gate forwarding
Object type of Input/Output
1bit
Default scene NO. of Gate after





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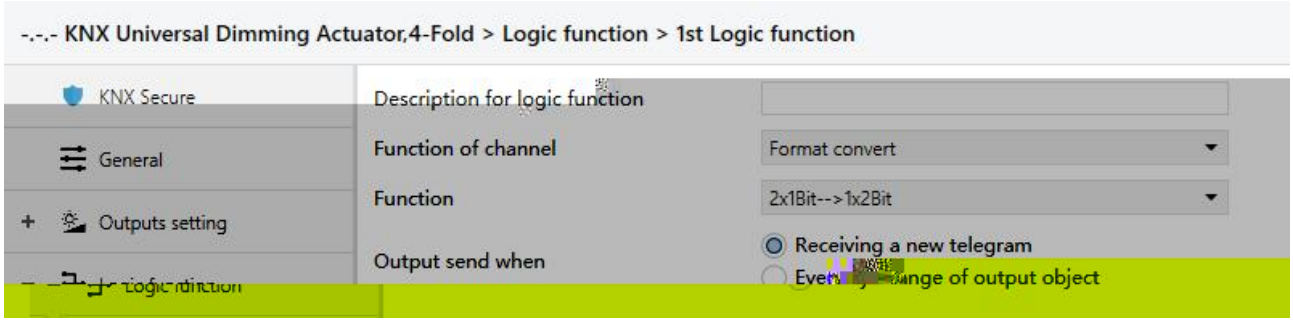


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-.-.- KNX Universal Dimming Actuator,4-Fold > Logic function > 1st Logic function
KNX Secure
General
Outputs setting
Description for logic function
Function of channel
Format convert
Function
2x1Bit-->1x2Bit
Output send when
Receiving a new telegram

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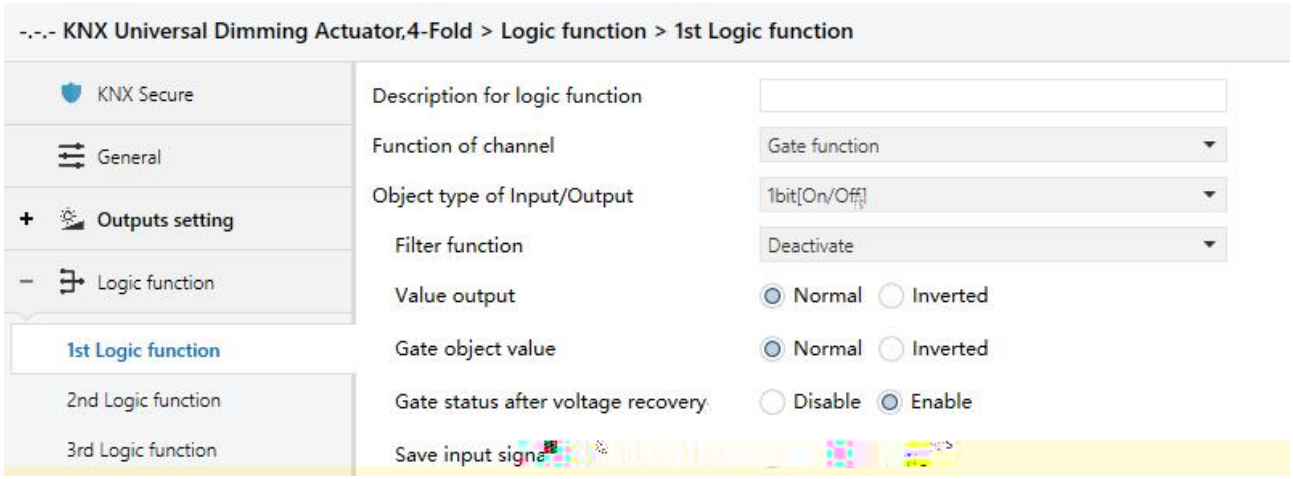
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-.-.- KNX Universal Dimming Actuator,4-Fold > Logic function > 1st Logic function
KNX Secure
General
Outputs setting
Logic function
1st Logic function
2nd Logic function
3rd Logic function
Description for logic function
Function of channel
Gate function
Object type of Input/Output
1bit[On/Off]
Filter function
Deactivate
Value output
Normal
Inverted
Gate object value
Normal
Inverted
Gate status after voltage recovery
Disable
Enable
Save input signa

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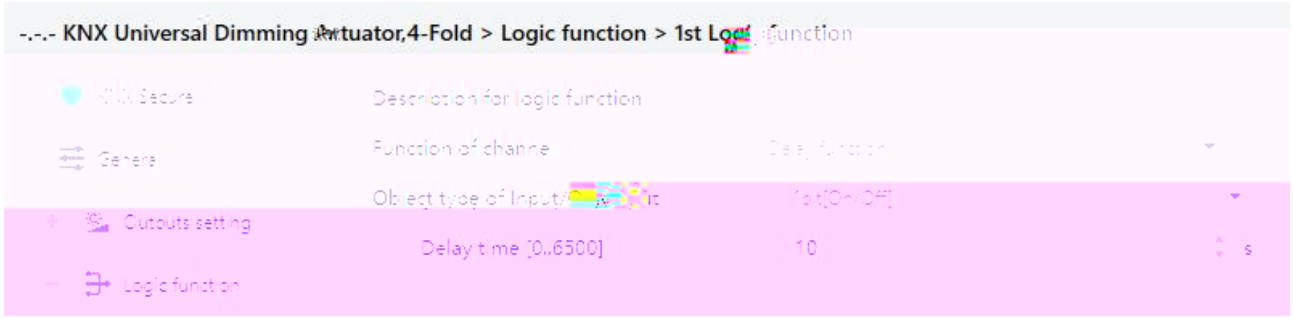
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-.-.- KNX Universal Dimming Actuator,4-Fold > Logic function > 1st Logic function
Description for logic function
Function of channe
Object type of Input/
Delay time [0..6500]
10
s
Outputs setting
Logic function

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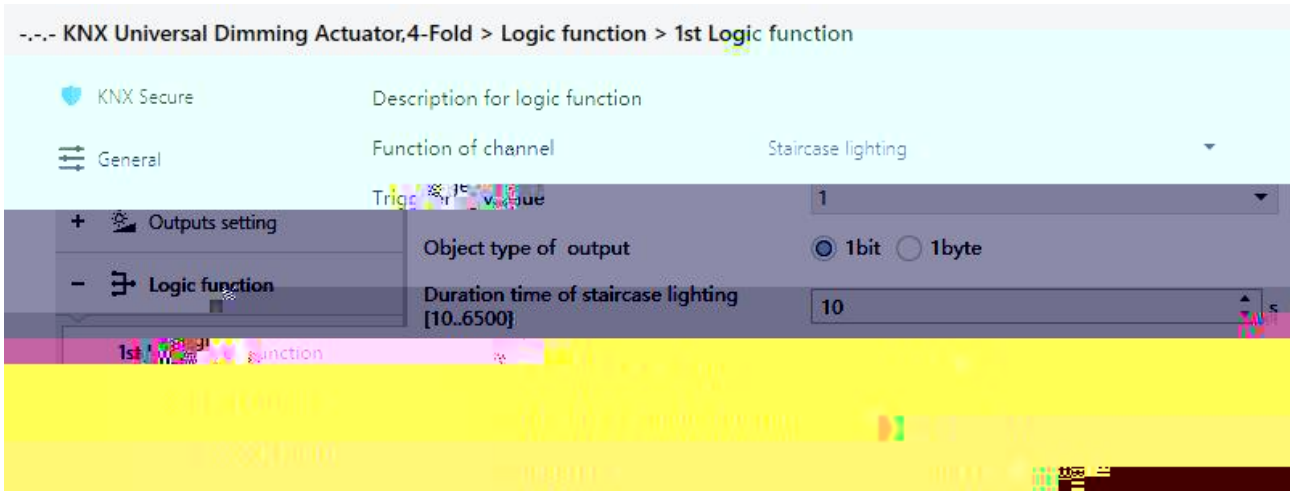
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-.-.- KNX Universal Dimming Actuator,4-Fold > Logic function > 1st Logic function
KNX Secure
Description for logic function
General
Function of channel
Staircase lighting
Outputs setting
Logic function
Object type of output
1bit
1byte
Duration time of staircase lighting [10..6500]
10
s

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Number
Name
Object Function
Description
Group Address
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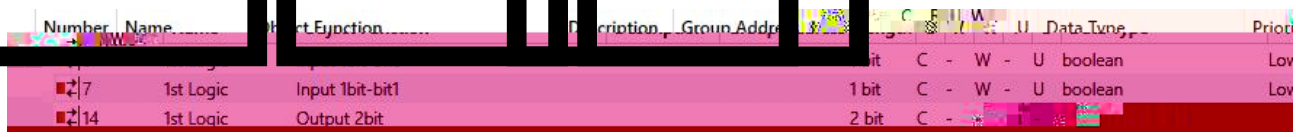
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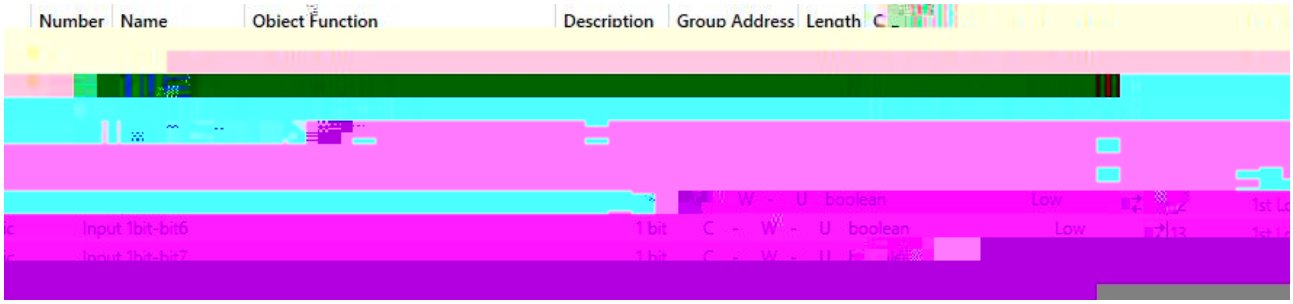
Number	Name	Object Function	Description	Group Address	Length	C		W		U			
6	1st Logic	Threshold value input			1 byte	C	-	W	-	U	counter pulses (0..255)		Low
6	1st Logic	Thre											
6	1st Logic	Thre											
6	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	2-byte float value		Low
6	1st Logic	Threshold value input			4 bytes	C	-	W	-	U	counter pulses (unsigned)		Low
6	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	temperatu	°C)	Low
6	1st Logic	Thre											
6	1st Logic	Thre											

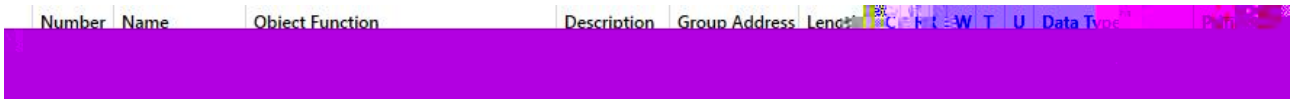
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Number Name
7 1st Logic Input 1bit-bit1 1 bit C - W - U boolean
14 1st Logic Output 2bit 2 bit C - W - U boolean


Number Name Object Function Description Group Address Length
Input 1bit-bit6 1 bit C - W - U boolean Low


Number Name Object Function Description Group Address


Number Name Object Function Description Group Address


Number Name Object Function Description Group Address Length

Number	Name	Object Function	Description	Group Address	C	R	W	T	U	Data Type	Priori
6	1st Logic	Input 2byte			2 bytes	C	-	W	-	U	pulses	Low
13	1st Logic	Output 1byte-low			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
14	1st Logic	Output 1byte-high			1 byte	C	-	-	T	-	counter pulses (0..25	

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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priori
6	1st Logic	Input 4byte			4 bytes	C	-	W	-	U	counter pulse	

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Number	Name	Object Function	Description	Group Address	Length	C

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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priori

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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priori
6	1st Logic	Input			1 byte	C	-	W	-	-	counter pulses (0..255)	Low
14	1st Logic	Output			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
6	1st Logic	Input			2 bytes	C	-	W	-	-	temperature (°C)	Low
14	1st Logic	Output			2 bytes	C	-	-	T	-	temperature (°C)	Low
6	1st Logic	Input			2 bytes	C	-	W	-	-	pulses	Low
14	1st Logic	Output			2 bytes	C	-	-	T	-	pulses	Low

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Number
Name
Object Function
Description
Group Address
Data Type
Priorit
6
1st Logic
Trigger value
1 bit
C - - W - -
trigger
Low
1st Logic
Light-on du
2 bytes
C - W - -
time (s)
Low
14
1st Logic
Output
1 bit
C - - T -
switch
Low
4
1st Logic
Output
1 byte
C - - T -
counter pulses (0..255)
Low

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