ch Actuator)c

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4、请勿自行拆卸本设备

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□ARSA-xx/16.S **ARSA-xx/20.S** **□** **□** **□** **□□□□** **□**

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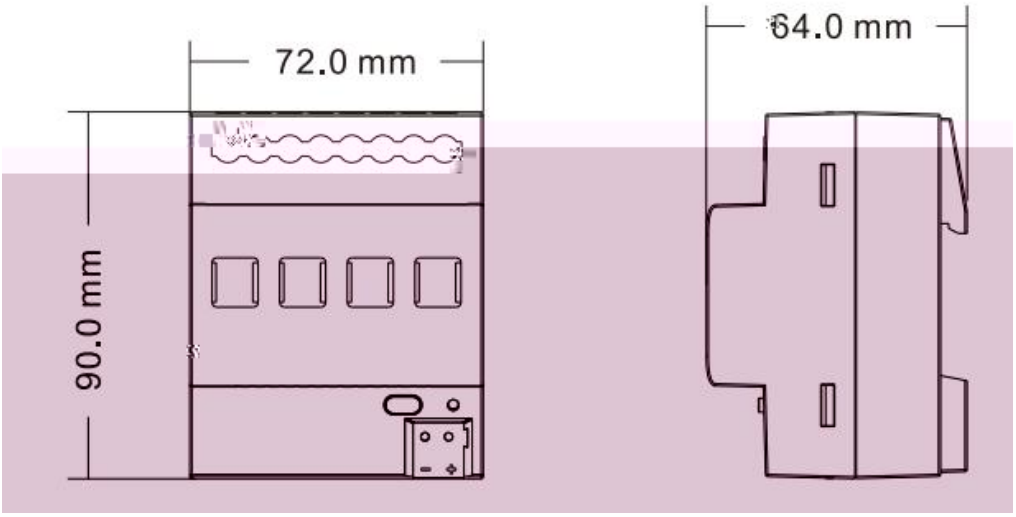
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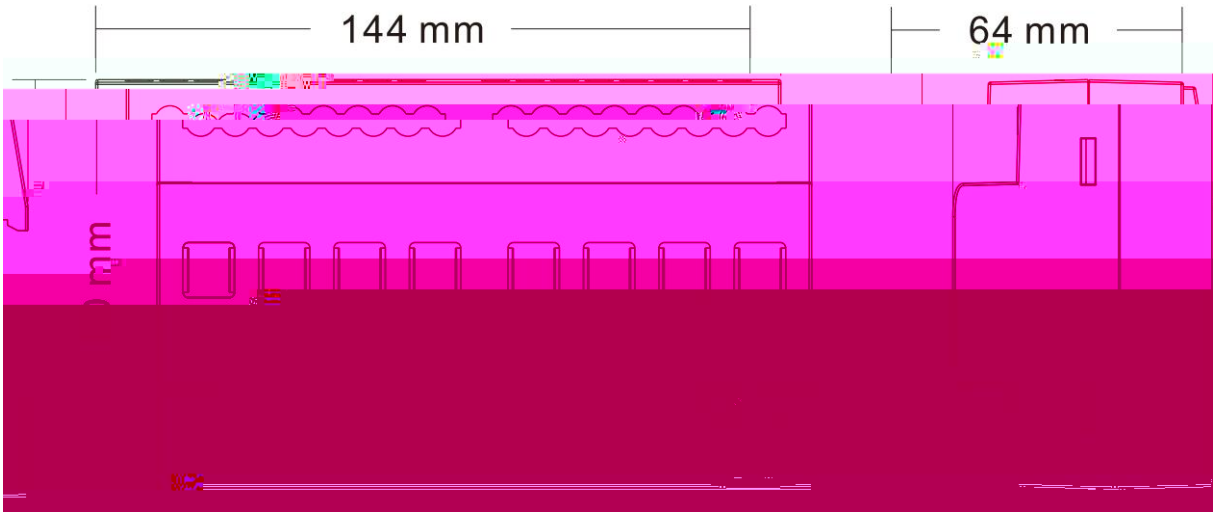
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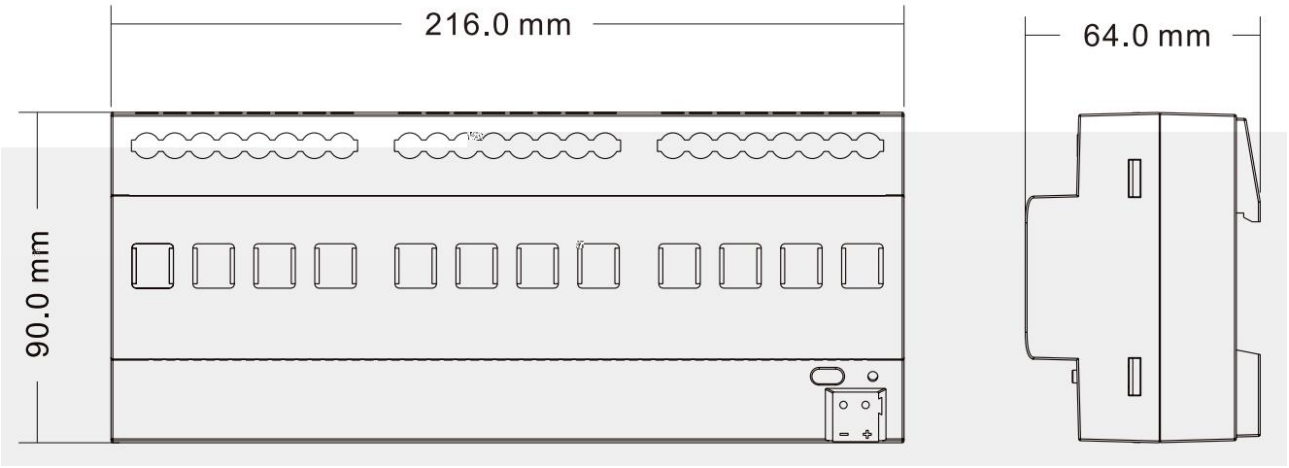
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3.1.



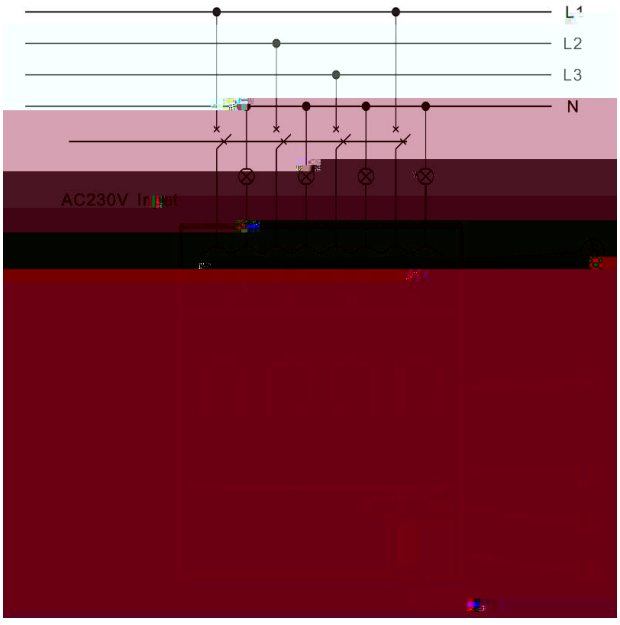




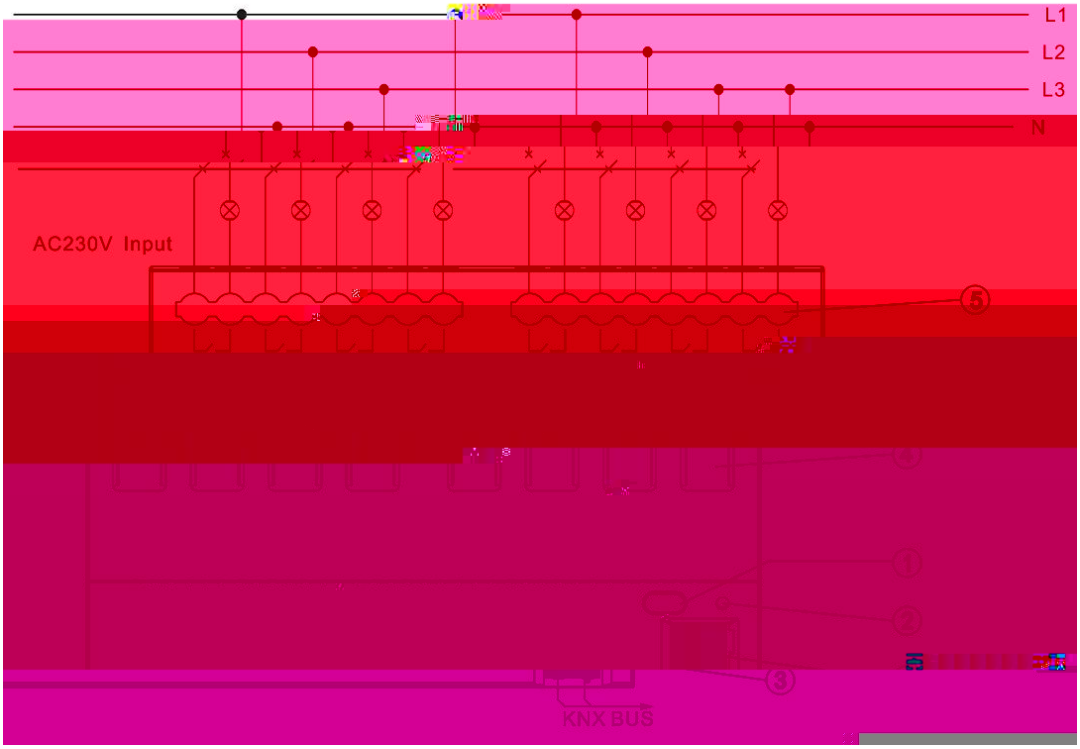
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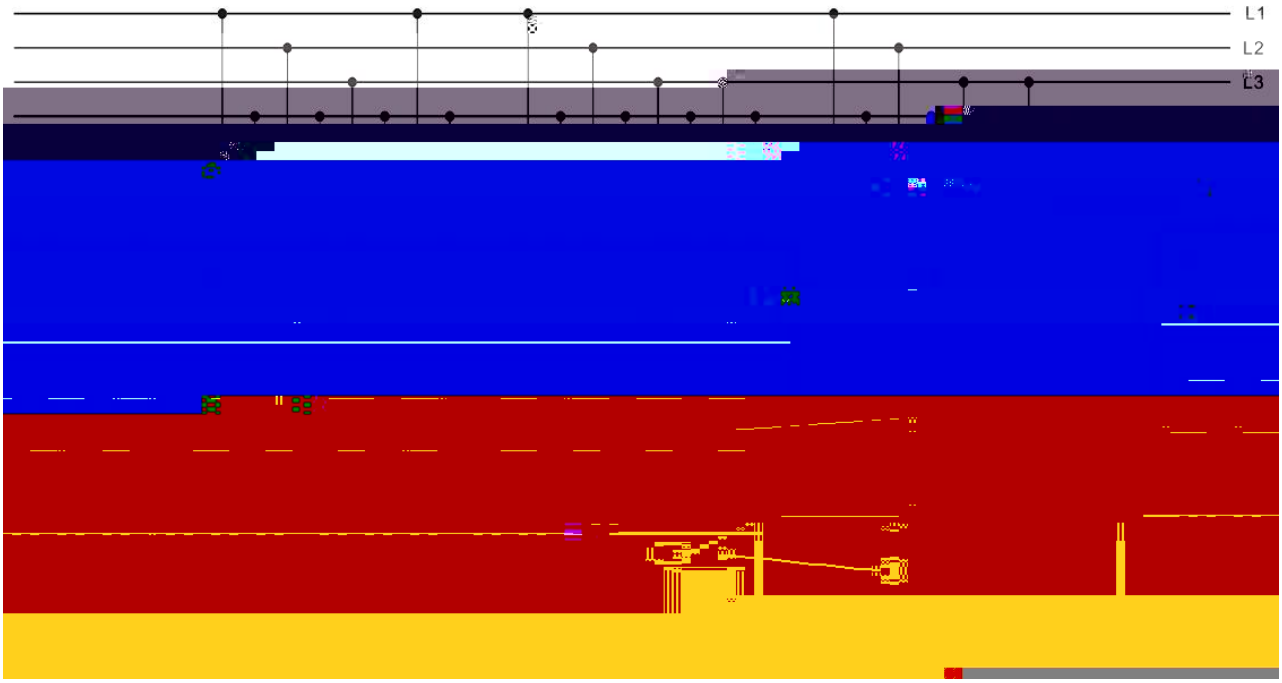
3.2.1. ARSA-04/16.S□ARSA-04/20.S□



3.2.2. ARSA-08/16.S□ARSA-08/20.S□



3.2.3. ARSA-12/16.S□ARSA-12/20.S□



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ETS Õ

4.1. KNX

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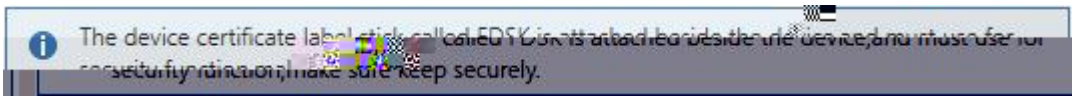
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KNX Data Secure is available in this device,it effectively protects user data against unauthorised access and manipulation by means of encryption and authentication for the installation.

ETS can active or deactive security function.Detailed specialist knowledge is required.

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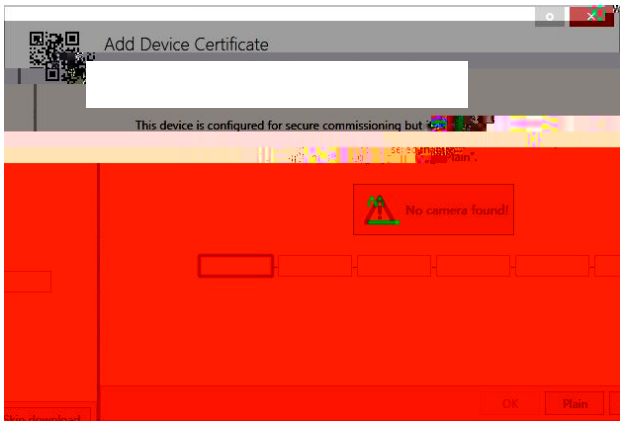
KNX

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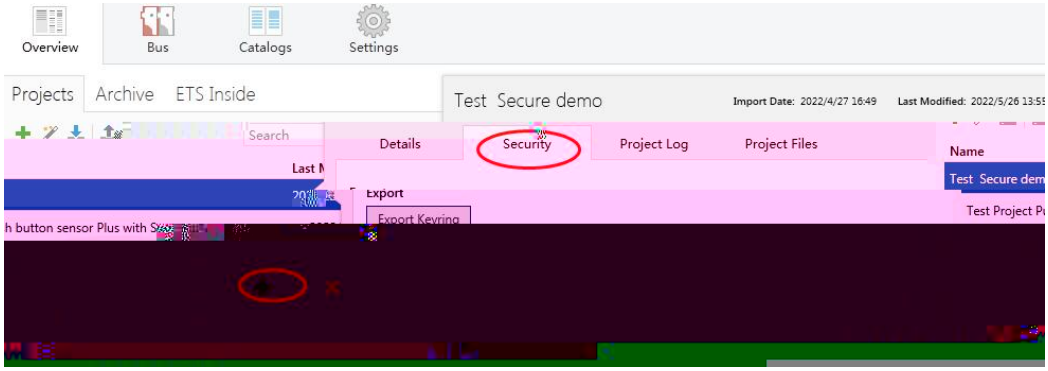
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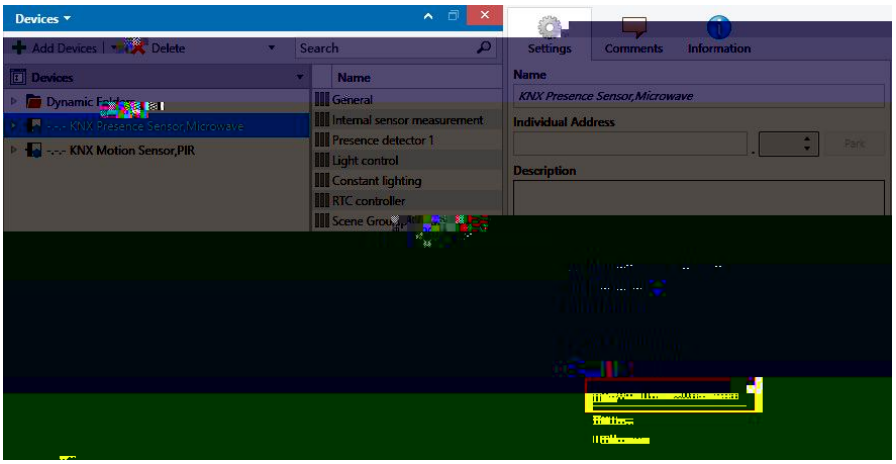


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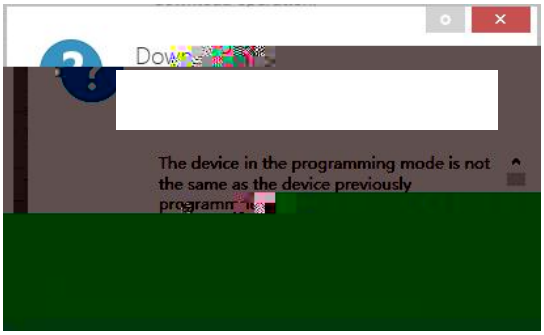


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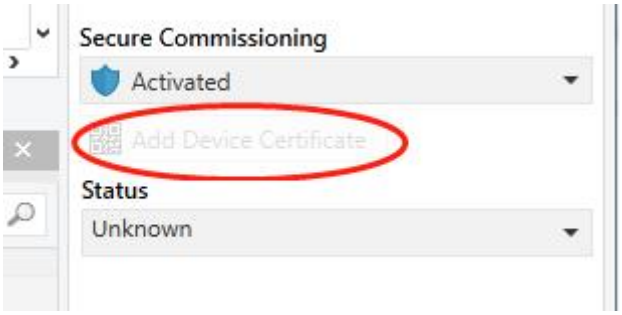
FDSK□ □ KNX Õ k

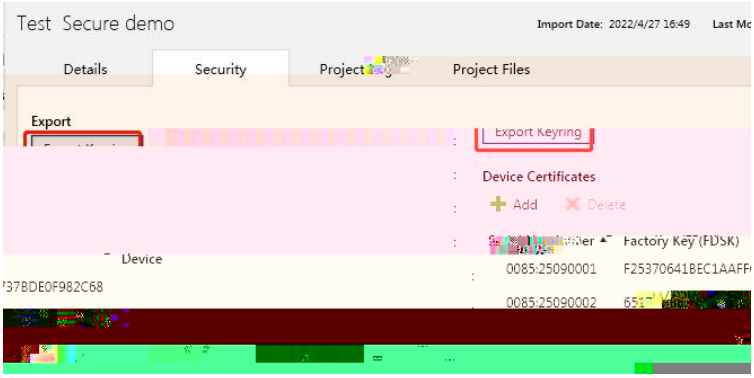
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The device in the programming mode is not the same as the device previously


Device is secured with a key not known...
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.


Secure Commissioning
Activated
Add Device Certificate
Status
Unknown


Test Secure demo
Import Date: 2022/4/27 16:49
Details
Security
Project Files
Export
Export Keyring
Device Certificates
Add
Delete
Factory Key (FDSK)
Device
0085:25090001
0085:25090002

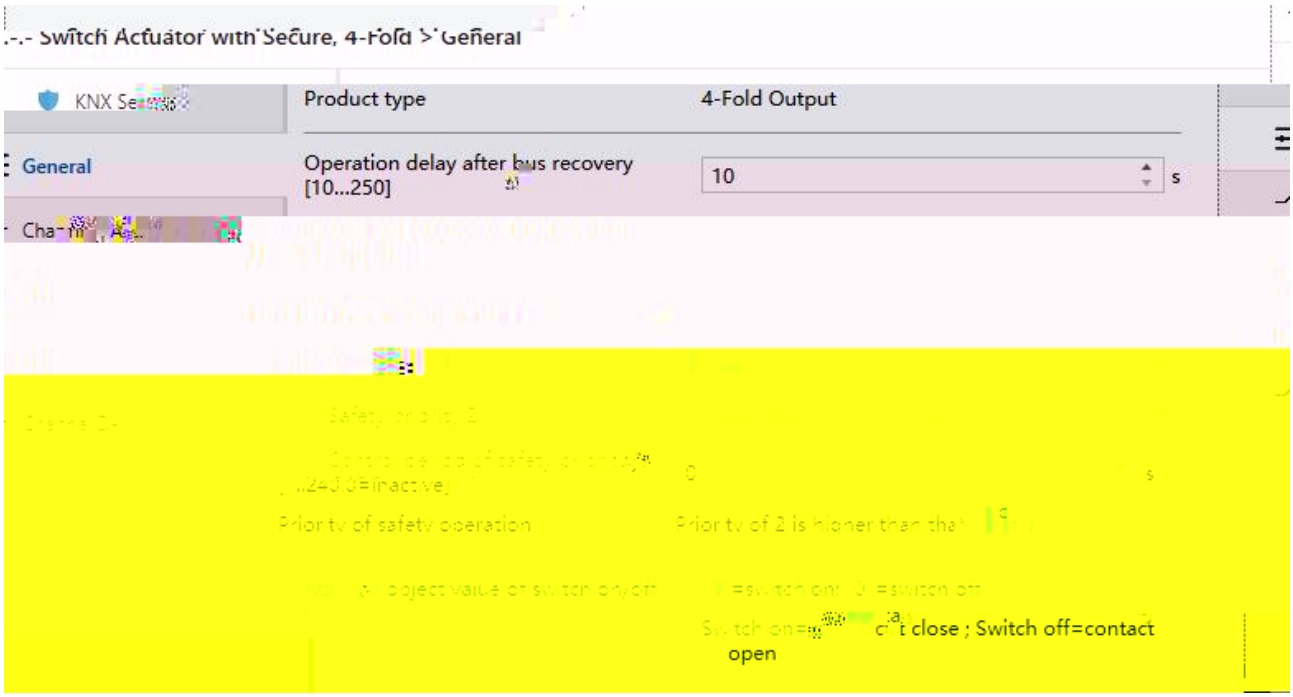
KNX USB ETS

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4.2. Õ □ “General”

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□ k k



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□ Product type □

□ □ □ □ □

4-Fold Output !

8-Fold Output !

12-Fold Output !

□ Operation delay after bus recovery [10..250] □

□ Õ □ □□ □□ □ □

□ k Õ □□ □ □□ □ □ k

□ □ 10...250 s

□ □□ Õ □ □□□ □ □ □ □□ □ □ □

K-BUS®

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Control period of safety priority x [1..240, 0 = inactive] (x = 1, 2)

k

k

k

0...240 s

k

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Priority of safety operation

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Normal, object value of switch on/off

Switch on **Switch off** k

4.3.

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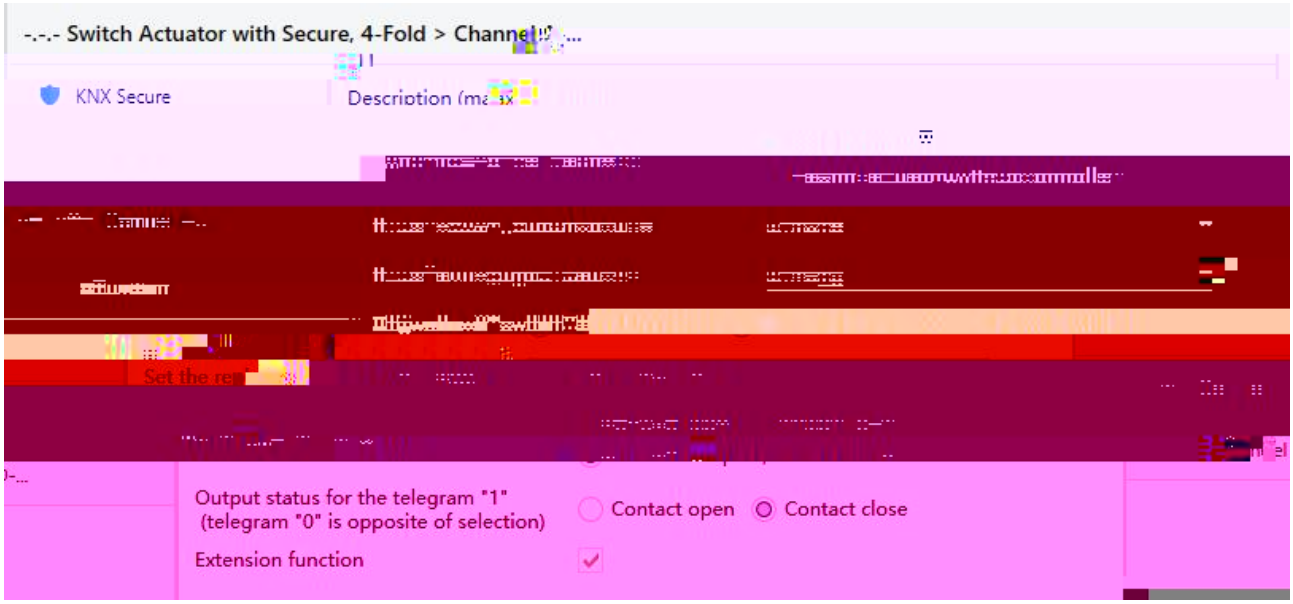


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"Descripti

4.4. Õ “Channel X”– Switch actuator

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“If bus recovery,output status is”

Õ Õ k

Unchange

Contact open

Contact close

As before bus failure

k

k

"If bus failure,output status is"

□ Õ Õ □ k □□

Unchange

Contact open

Contact close

□ □ □ □ □

□ □ □ □ □

□ □ □ □ □ k

"Obj. value of "switch" after bus recovery"

□ □ □ □ □ Õ □□ □ □ □

□ k □□

To write with "0"

To write with "1"

□ □ k

"Set the reply mode of switch status"

□ Õ □ □ k □□

No reply

Respond after read only

Transmit after change

□ □ □

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□ □ k

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"Object value of switch status"

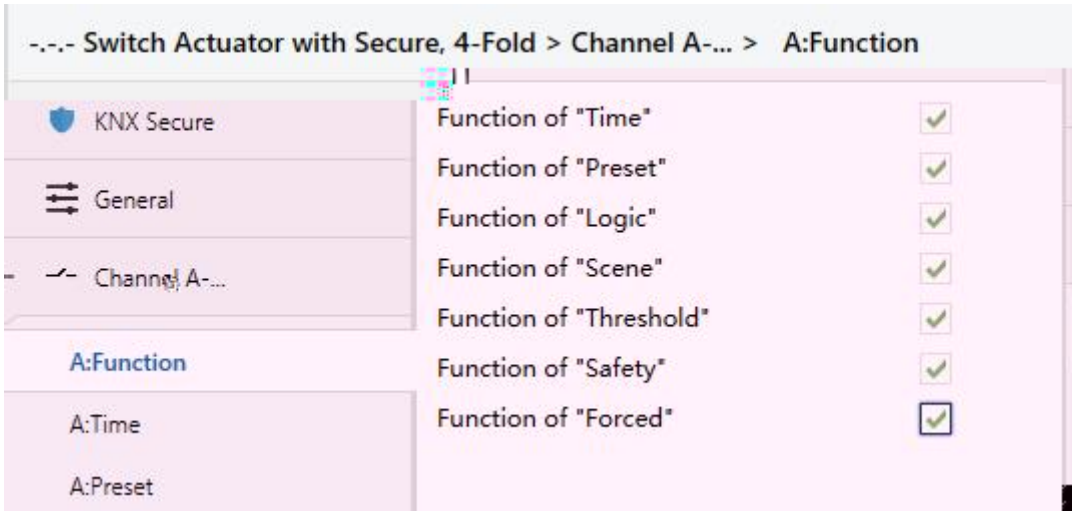
0=contact close ; 1=contact open

0=contact open ; 1=contact close

"Extension function"

□ Õ □ □ □ □ Õ □ □

□ □□ Õ k Õ □ □ □ □ □□ k



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4.4.1. Õ □ "X: Time"



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□ □ □□ □ □ k

"The mode of time function"

□ Õ □ □ □ □ k □□

Delay switch

Flashing switch □

Staircase lighting

4.4.1.2. “Flashing switch”



“Duration of switch on(contact colose): --(0...240 minutes) / -- (0...59 seconds)”

0…240 min

0…59 s

“Duration of switch off(contact open): --(0...240 minutes) / -- (0...59 seconds))”

0…240 min

0…59 s

"Number of ON-impulses [1..255□0=no limited]"

□ Õ □ □ □ k □ □ k

□ □0...255

□Output status after flashing"

□ Õ □ □ k □ □

Unchange

Contact open

Contact close

"Control mode of flashing"

□ Õ □ k □ □

Start with "1", stop with "0"

Start with "0", stop with "1"

Start with "1/0", can not be stop

□ □ □ □

□ □ □ □ □ k

□ □ □ □

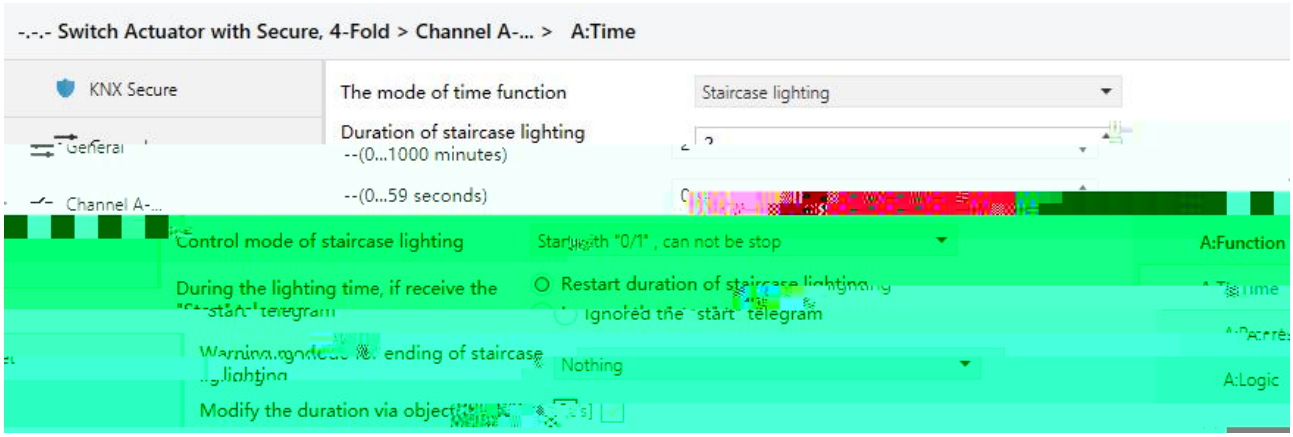
□ □ □ □ □ k

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æ □ □ □ k

4.4.1.3. “Staircase lighting function”



“Duration of staircase lighting --(0...1000 minutes) / --(0...59 seconds)”

0…1000 min

0…59 s

“Control mode of staircase lighting”

Start with “1”, OFF with “0”

Start with “1”, no action with “0”

Start with “0/1”, can not be stop

"Modify the duration via object [0..60059s]"

4.4.2. Õ “X: Preset”



"Output status of the telegram "0""

None

Contact close

Contact open

"Output status of the telegram "1""

Contact open

Contact close

Last position of contact

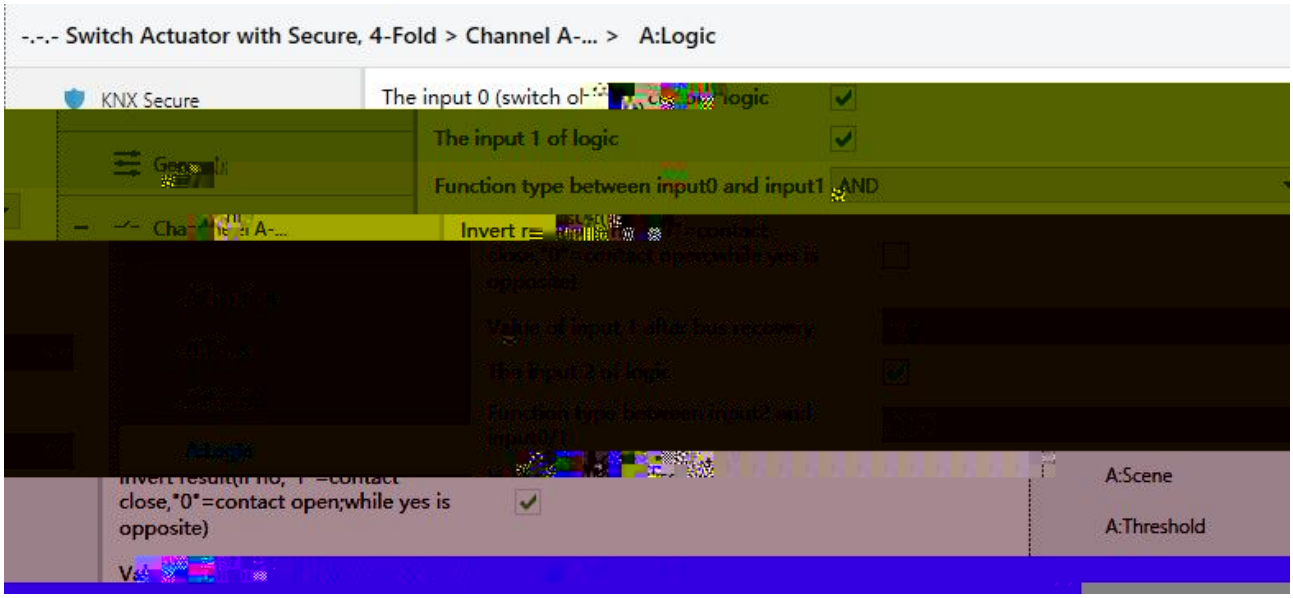
Same as the telegram "0"

"Preset can be changed via bus"

4.4.3. Õ “X: Logic”

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"Function type between input0 and input1"

"Function type between input2 and input0/1"

AND

OR

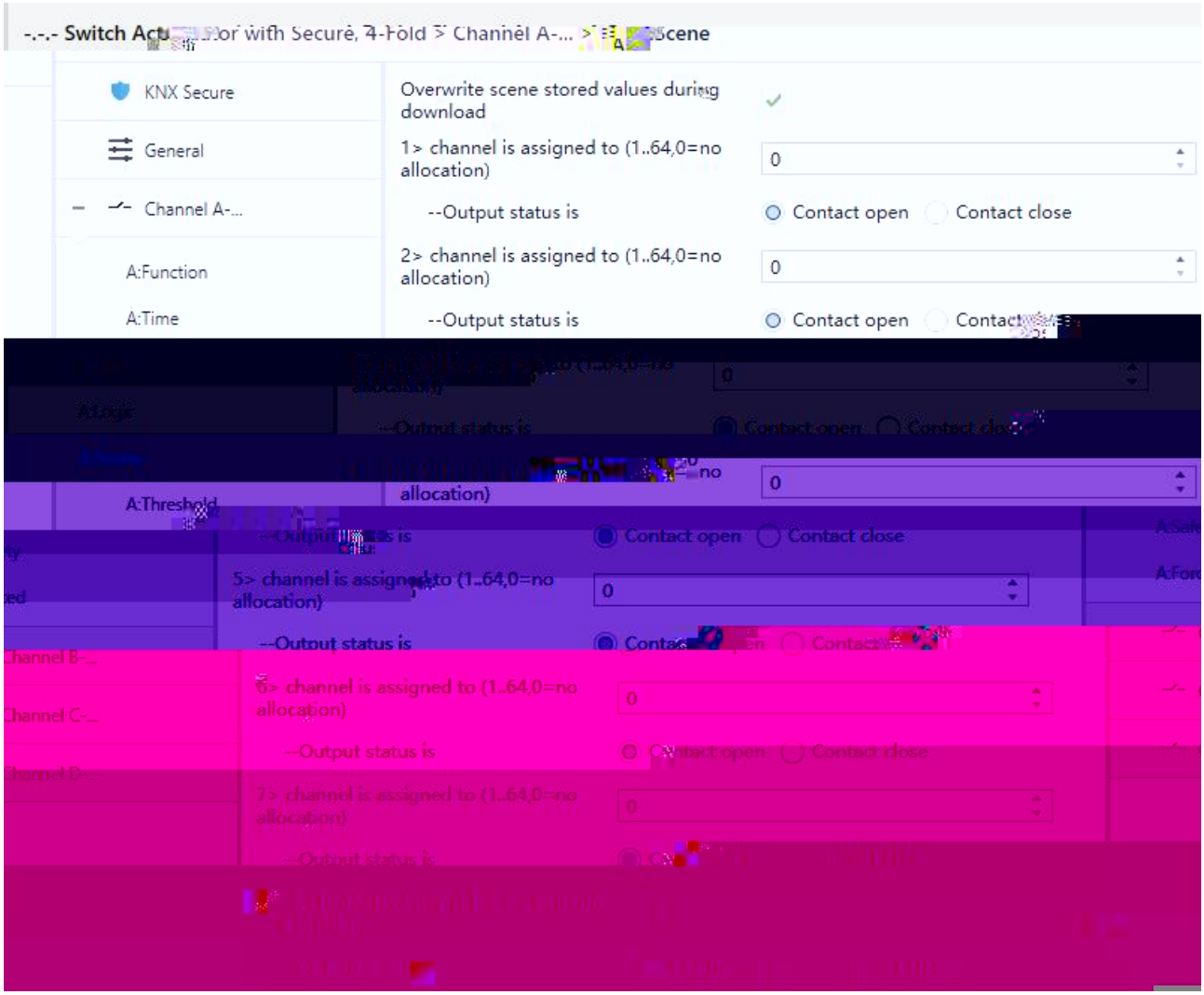
XOR

GATE

4.4.4. Õ “X: Scene”

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Overwrite scene stored values during download

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k

Õ Õ

k

"x> channel is assigned to (1...64 scene NO.,0= no allocation)"(x=1~8)

1... 64 0=no allocation

1~64 **0..63**

"--Output status is:"

Contact open
Contact close

4.4.5. "X: Threshold"



"Threshold 1 value"

"Threshold 2 value"

□ □ □ Õ k □ □ **0...255**

□ Õ □ □ 1< □ 2 □ □ □ETS □ Õ □ □

□ □



"Threshold 1 can be changed via bus"

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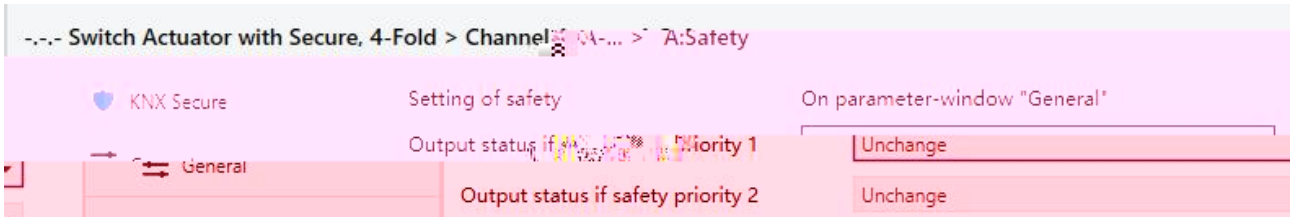
□ □ □ □ □□ □ □ Õ

□ k

4.4.6. Õ □ “X: Safety”

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□ Õ □ k



□ Õ □

Õ □ k

□ □□ Õ □ □□ □ k □ Õ

□ □ k

□ □ □

□ □ □ □□ □ □

Õ k

“Output status if safety priority x” (x=1,2)

Õ □ □□ □ k □□

Unchange

Contact open

Contact close

□ □ □

□ □ □

□ □ □ k

output status if forced operation"

Õ Õ

Unchange

Contact open

Contact close

k

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k

4.5. Õ “Channel X”– Heating actuator

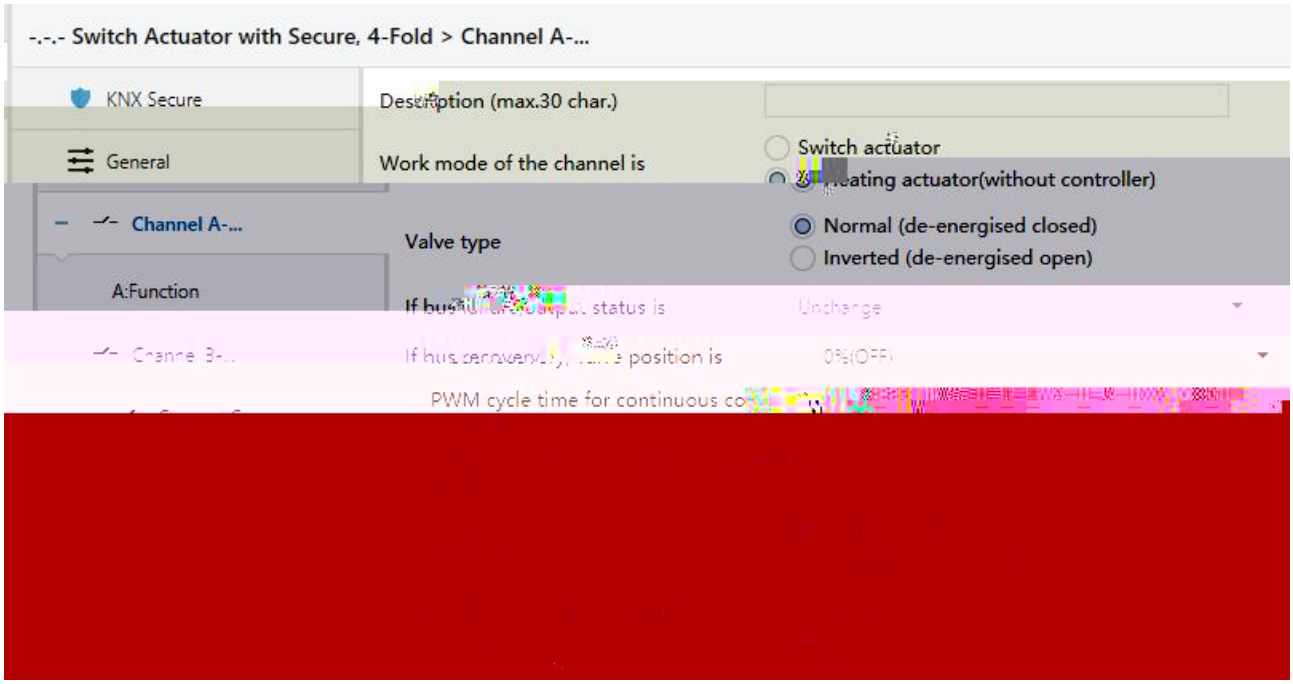
ì Õ k

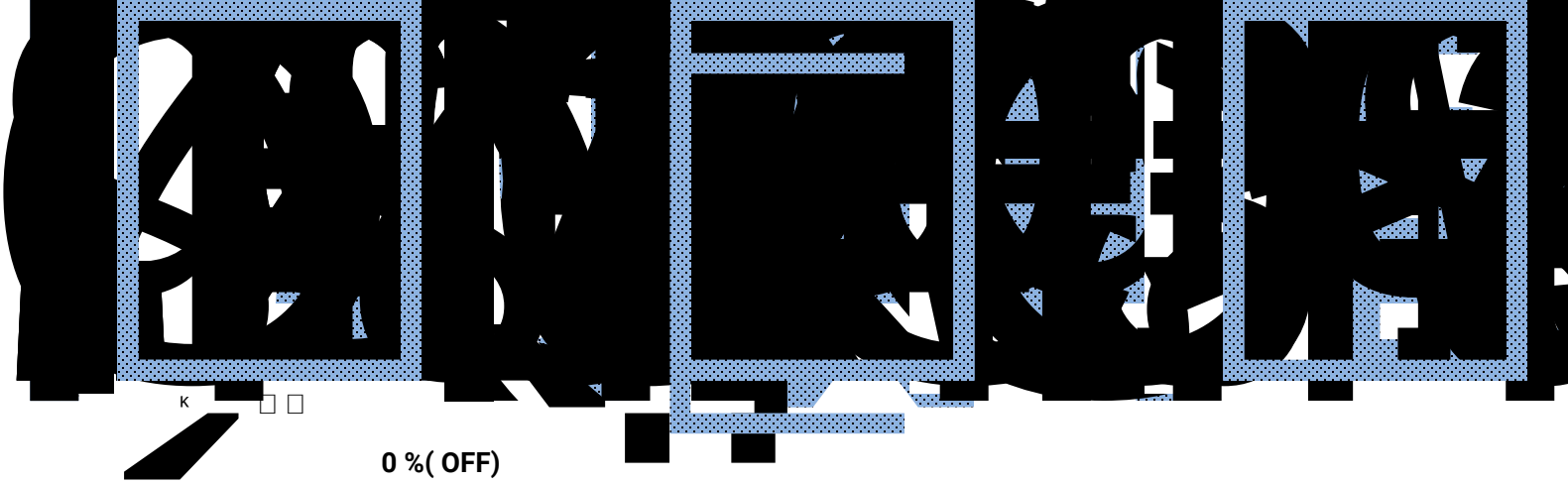
Õ k

Õ k

k

k


-.-.- Switch Actuator with Secure, 4-Fold > Channel A-...
KNX Secure
General
Channel A-...
A:Function
Description (max.30 char.)
Work mode of the channel is
Switch actuator
Valve type
Normal (de-energised closed)
Inverted (de-energised open)
Uncharge
0%(OFF)



k □ □

0 %(OFF)

10 %(26**)**

...

□ □ □ □ □

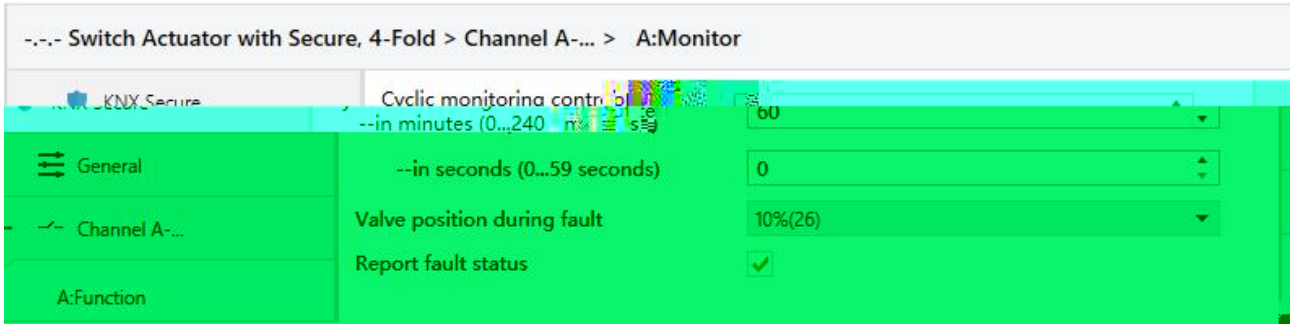
100 % **(ON)** %it;3t0 6D it Q„^ 00

(l ;" □ □□**4** □ □ □ □ □ □ k

contin

"Reply the status

4.5.1. Õ “X: Monitoring”



k

"Report fault status"

k

100 % (ON)

Unchange

□ □ □ □ k

□ □ □ □ Û k □ □ □

□ □ □ □ □ □ Û □ □ k

□ □ **monitor** □ □ □ □ □ □ □

□ □ □ □ k □ □ □

4.5.4. Õ “X: Safety”



"Valve position during safety x operation" (x=1,2)

0 % (OFF)

10 %(26)

...

90 %(230)

100 % (ON)

Unchange

□ □□

□ □ Õ Õ □□ □ □ □ □ □□□ □ k

□ □ □ □ k

□ □ □C□ □ □ □ □ □ □□

□W□ □ □ □ □ □□R□ □ □ □ □ □ □

□T□ □ □ □ □□□U□ □ □ □ □□ k

5.1. “General” □ □

□ □ □□□□□□

5.2. “Switch actuator”

5.2.1. “Switch actuator”

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
4	Output A-...	Switch status			1 bit	C	R	-	T	-	switch	Low
5	Output [redacted]	Switch			1 bit	C	-	W	-	-	switch	Low

4 Switch status Output A-{{...}} 1bit C,R,T 1.001 switch

5 Switch Output A-{{...}} 1bit C,W 1.001 switch

5.2.3. “Switch actuator” □ Õ □ □ □

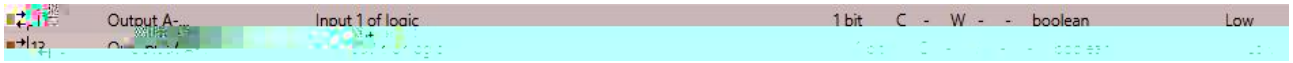


□ □ Õ □ □ □

	□	□ □			
10	**Recall preset**	**Output A-{{...}}**	**1bit**	**C,W**	**1.022 scene**
□ □ □ □ Õ □ Õ □ □ □ □ Õ □ □ □ Õ k					
11	**Store preset**	**Output A-{{...}}**	**1bit**	**C,W**	**1.022 scene**
□ □ □ □ Õ □ □ □ Õ □ □ Õ k					

□ □ Õ □ □ □

5.2.4. “Switch actuator” □ □ □ □

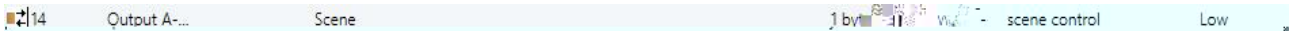


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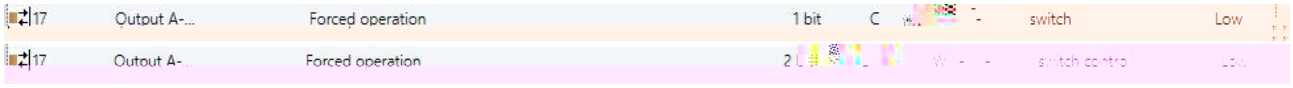
	□	□ □			
12	**Input 1 of logic**	**Output A-{{...}}**	**1bit**	**C,W**	**1.002 boolean**
□ □ □ □ □ k					
13	**Input 2 of logic**	**Output A-{{...}}**	**1bit**	**C,W**	**1.002 boolean**
□ □ □ □ □ k					

□ □ □ □ □□

5.2.5. “Switch actuator”



5.2.7. “Switch actuator”



17	**Forced operation**	**Output A-{{...}}**	**1bit**	**C,W**	**1.003 enable**
17	**Forced operation**	**Output A-{{...}}**	**2bit**	**C,W**	**2.001 switch control**

5.3. “Heating actuator”

5.3.1. “Heating actuator”



15 Continuous control Output A-{{...}} 1Byte C,W 5.001 percentage

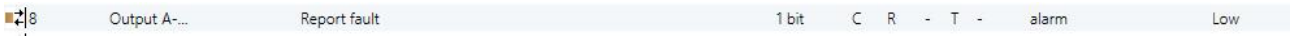
5 On-Off Output A-{{...}} 1bit C,W 1.001 switch

14 Status (continuous),1 byte Output A-{{...}} 1Byte C,R,T 5.001 percentage

6 Status (continuous),1 bit Output A-{{...}} 1bit C,R,T 1.001 switch

4 Switch status Output A-{{...}} 1bit C,R,T 1.001 switch

5.3.2. “Heating actuator”



8 Report fault Output A-{{...}} 1bit C,R,T 1.005 alarm

