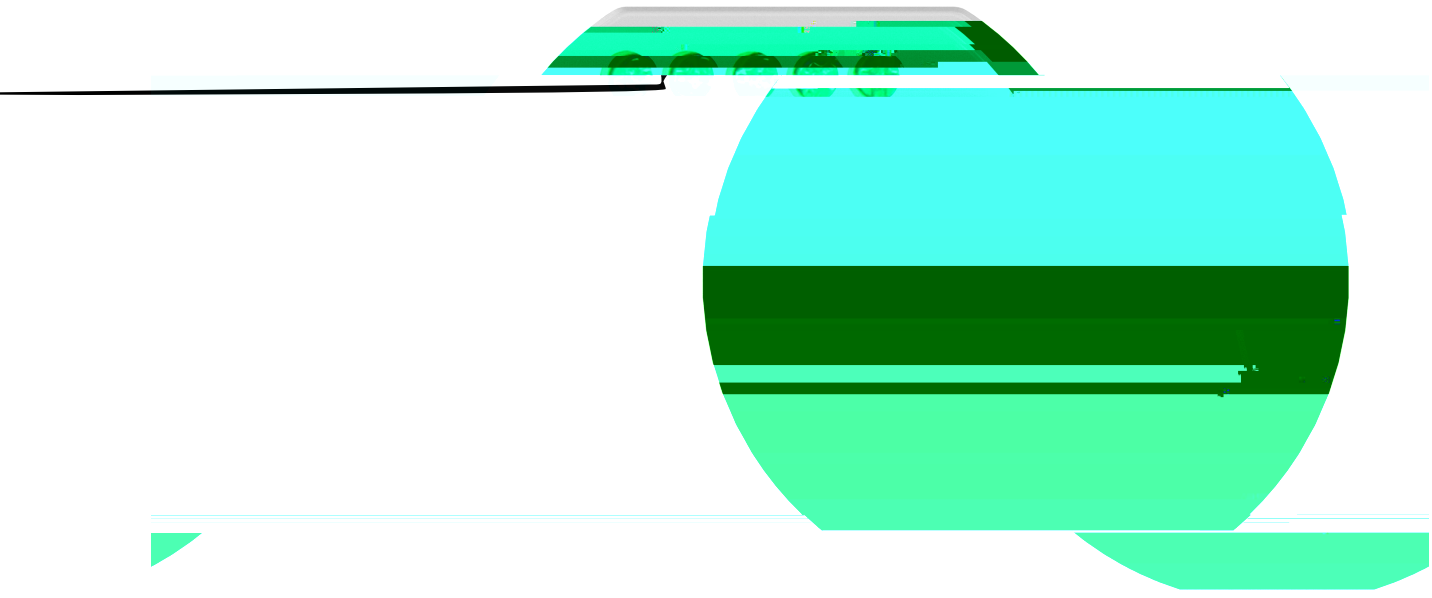
, - , 1.

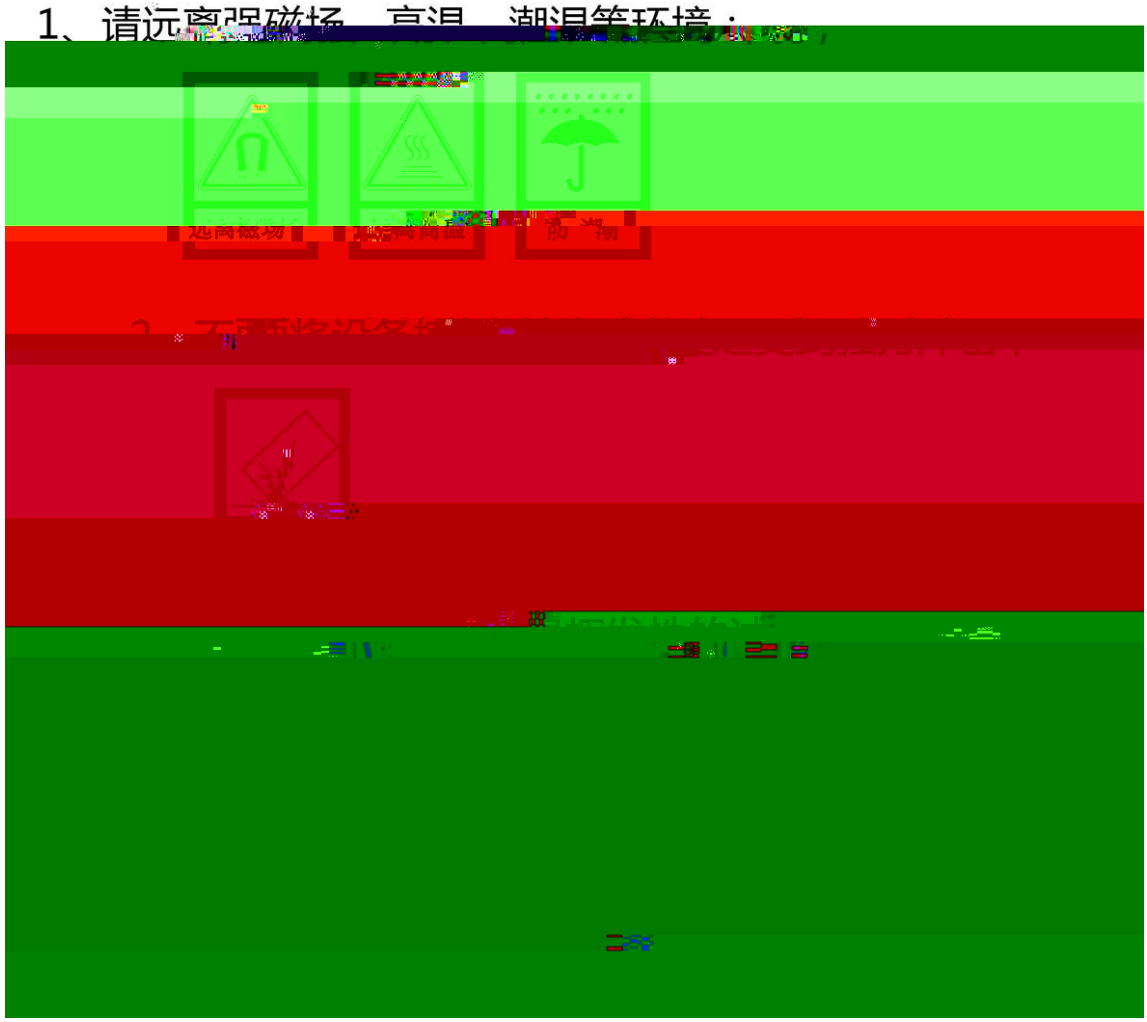
-0 /0 .



/

注意事项

1、请远离强磁场、高温、潮湿等环境；



.....1
.....
.....
.1. .....
.2. ..... .



. .1. , ...
. . .. 2
. .1 -- 2
. .1.1 . ..

k

k

k

k

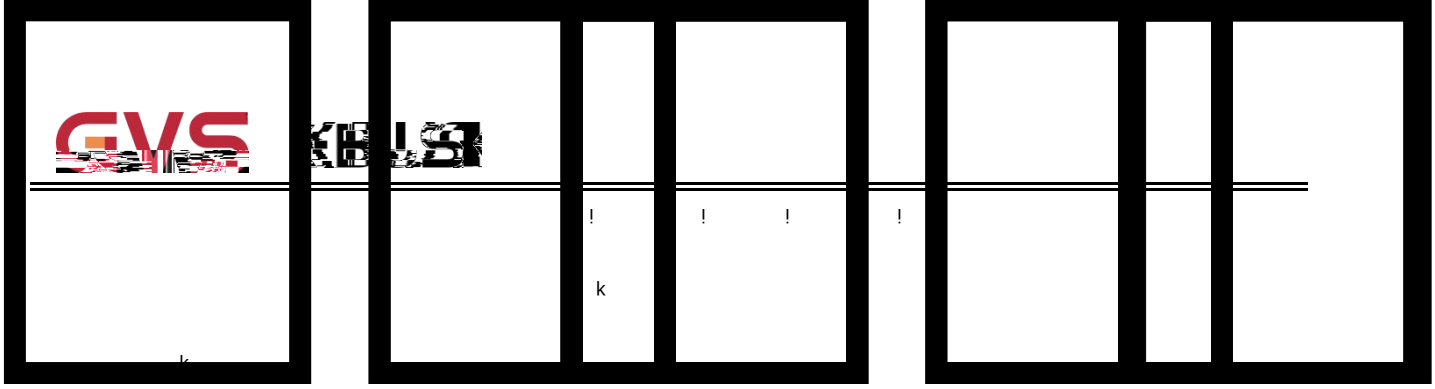
k

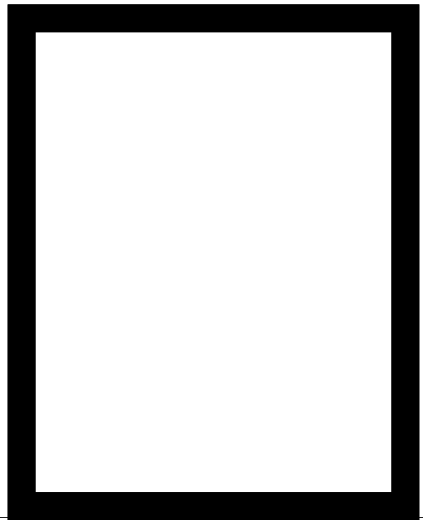
/

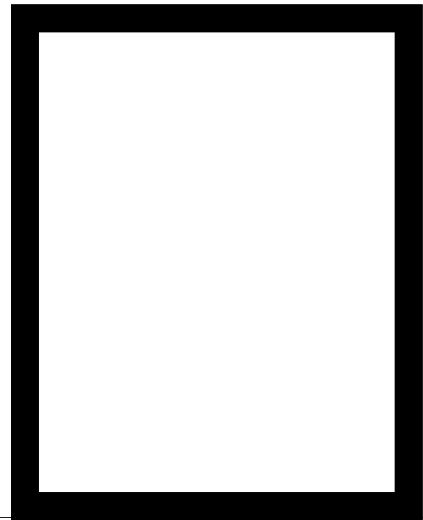
1

! ! !

1 /2





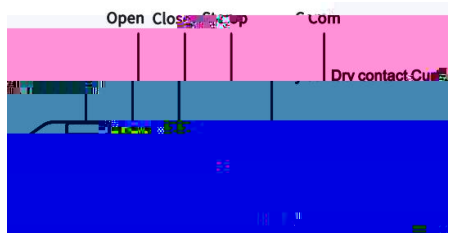


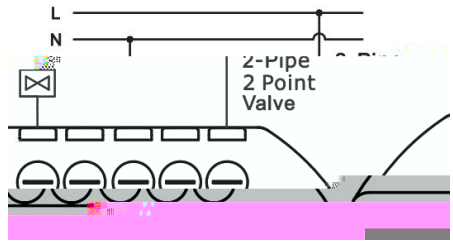
k

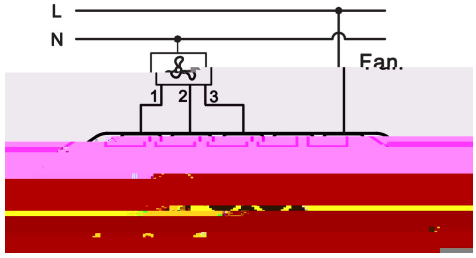
k

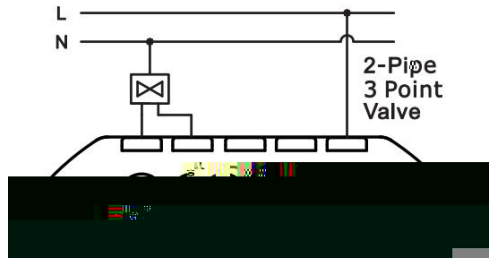
.2.



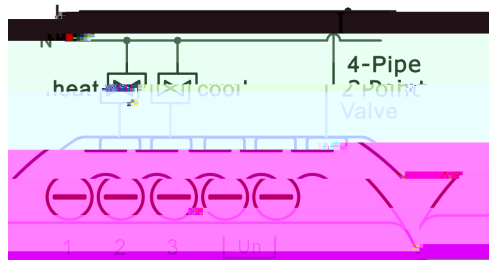








输入	1…8 —/— G	1…4 —/— G
LED 共阳极	NG	5…8 —Ka— V



F F

ϟ

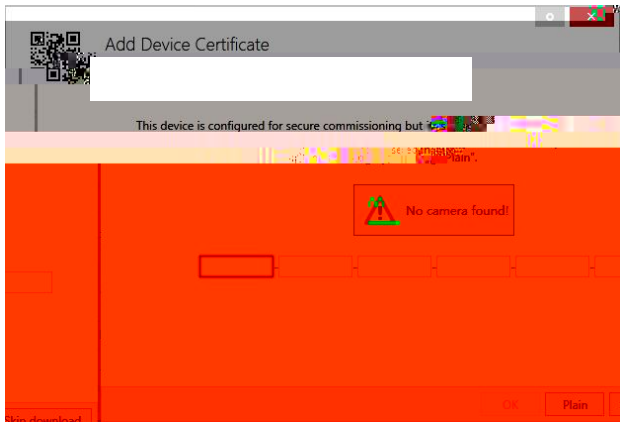
ϟ

϶

k

k

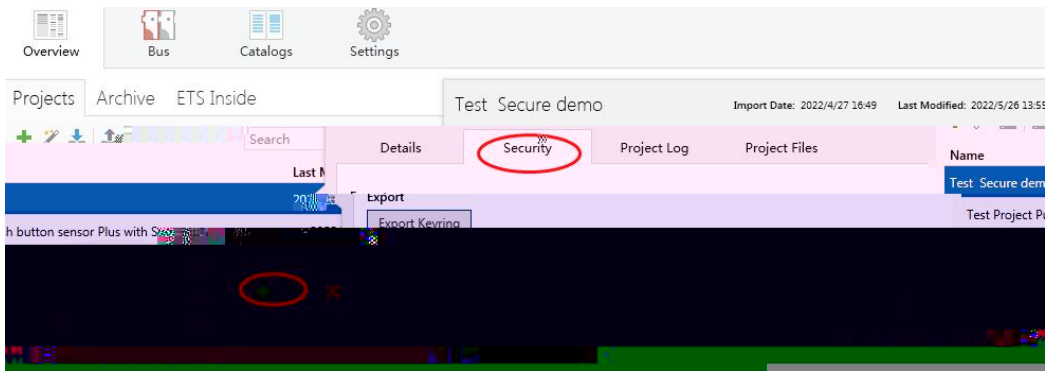
k

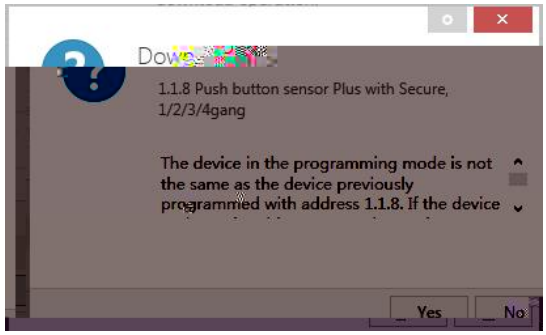

Add Device Certificate
This device is configured for secure commissioning but
No camera found!
Plain

k

k

k

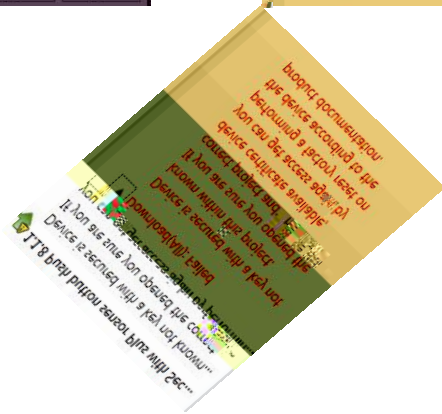

Overview
Bus
Catalogs
Settings
Projects
Archive
ETS Inside
Test Secure demo
Import Date: 2022/4/27 16:49
Last Modified: 2022/5/26 13:55
Search
Details
Security
Project Log
Project Files
Name
Test Secure dem
Export
Export Keyring
Test Project P

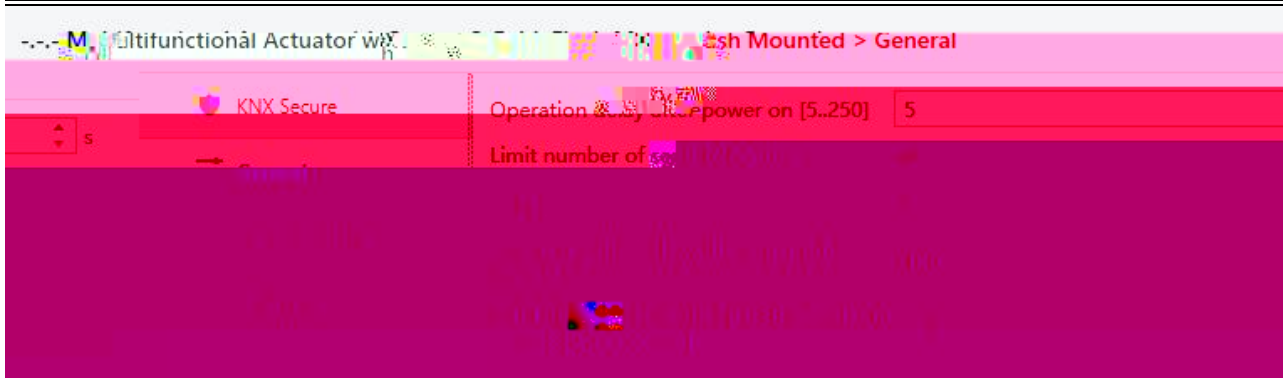

1.1.8 Push button sensor Plus with Secure,
1/2/3/4gang
The device in the programming mode is not the same as the device previously programmed with address 1.1.8. If the device
Yes
No


1.1.8 Push button sensor Plus with Sec...
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.

k

□ □





k

k k

k k

k

k

k

k

100

00

10

k

k

k

. . 1..2

k *1 2*

k

1..2 0, 0

k

k

k

0 2 0 0

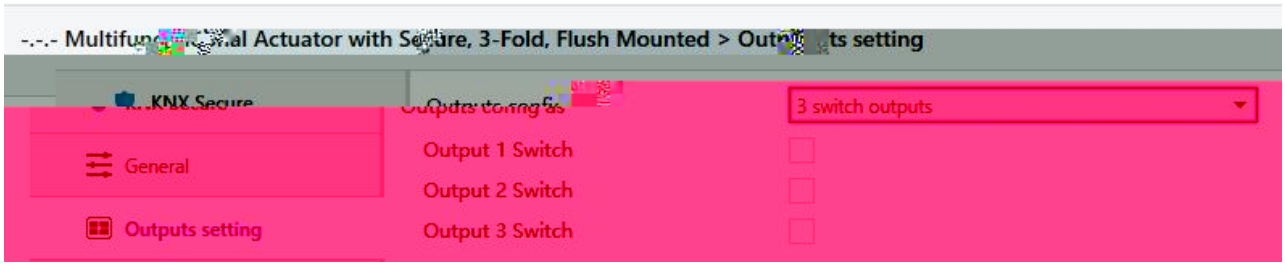
k

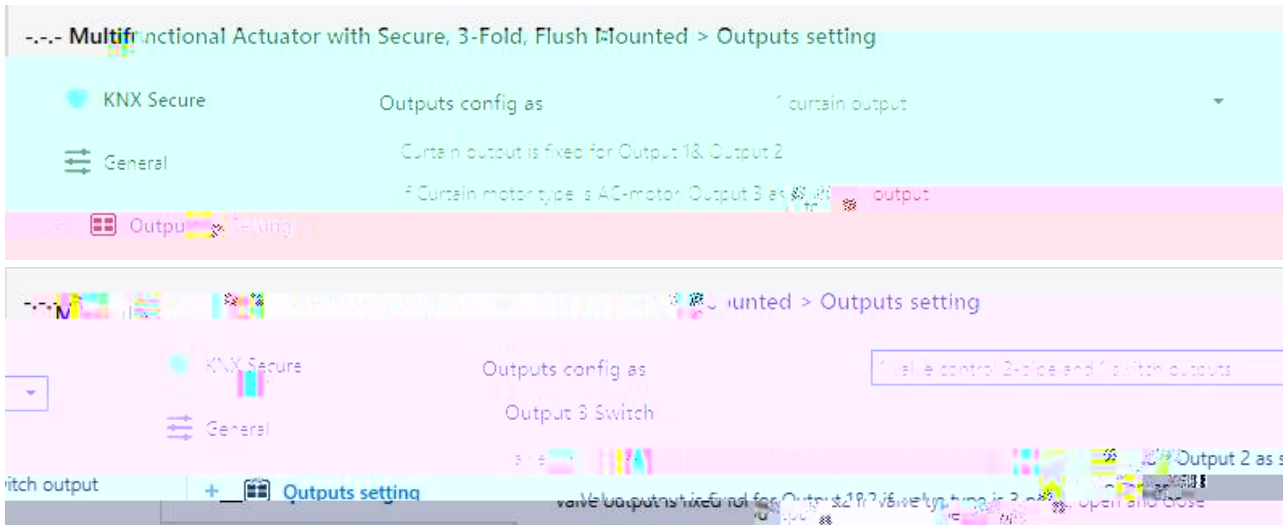
k

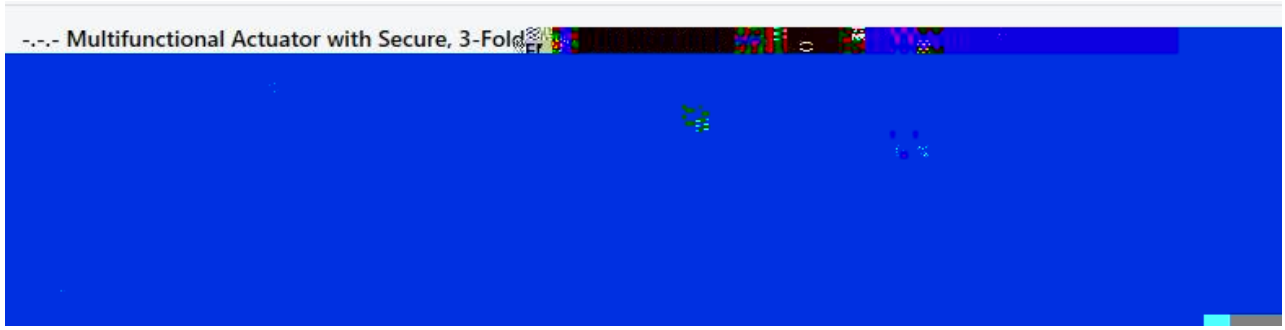
•

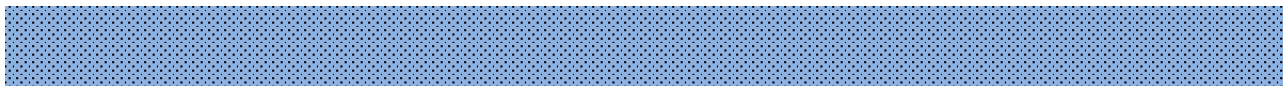
k

k


-.-.- Multifu al Actuator with Secure, 3-Fold, Flush Mounted > Outputs setting
KNX Secure
General
Outputs setting
Outputs config as
3 switch outputs
Output 1 Switch
Output 2 Switch
Output 3 Switch


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > Outputs setting
KNX Secure
General
Outputs config as
Curtain output is fixed for Output 1& Output 2
Output 3 Switch
Outputs setting
Heat output is fixed for Output 1
Cool output is fixed for Output 2





k

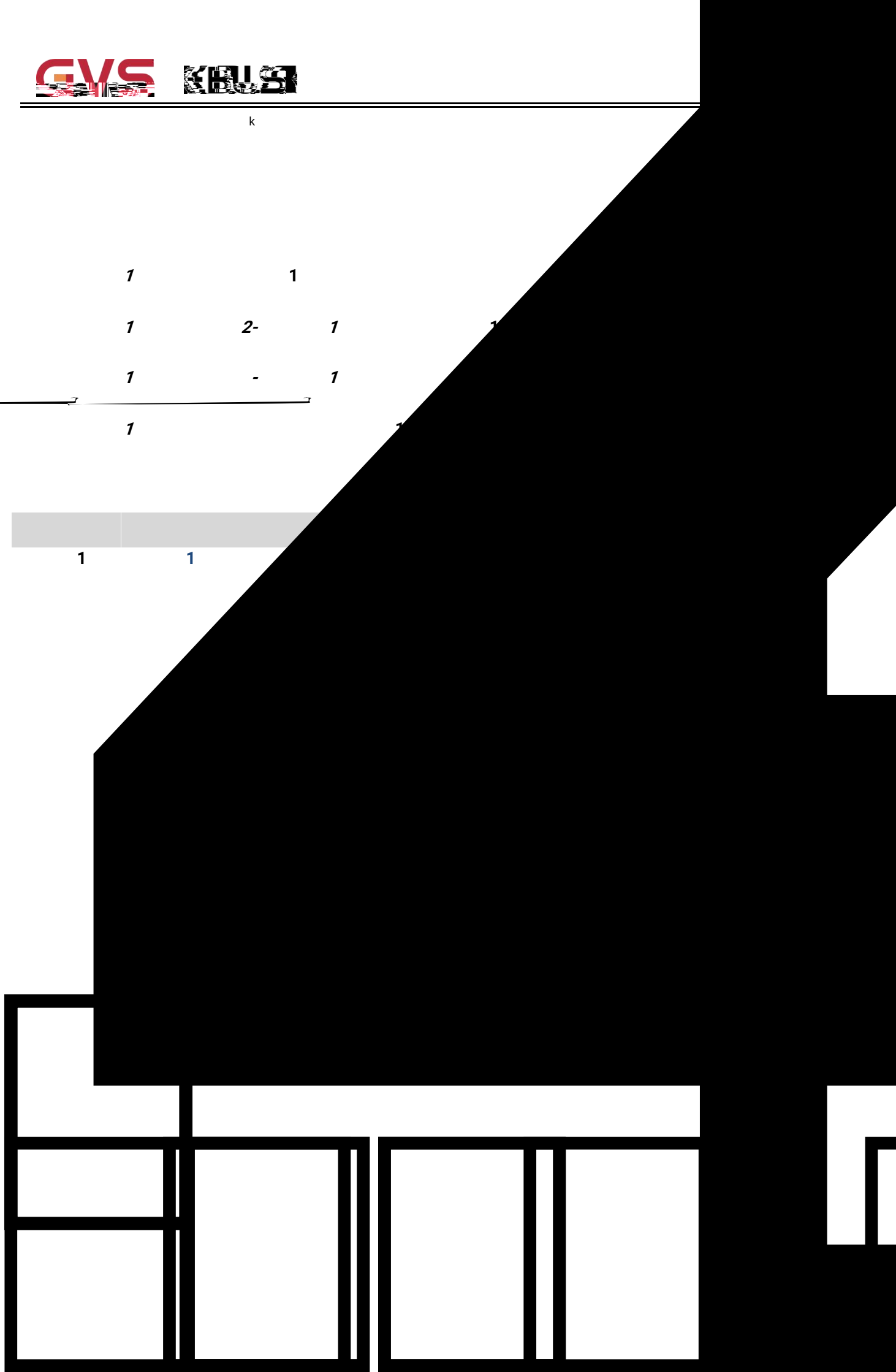
1 1

1 *2-* *1* *1*

1 *-* *1*

1 *1*

1	1



1&2 ,

! k

k

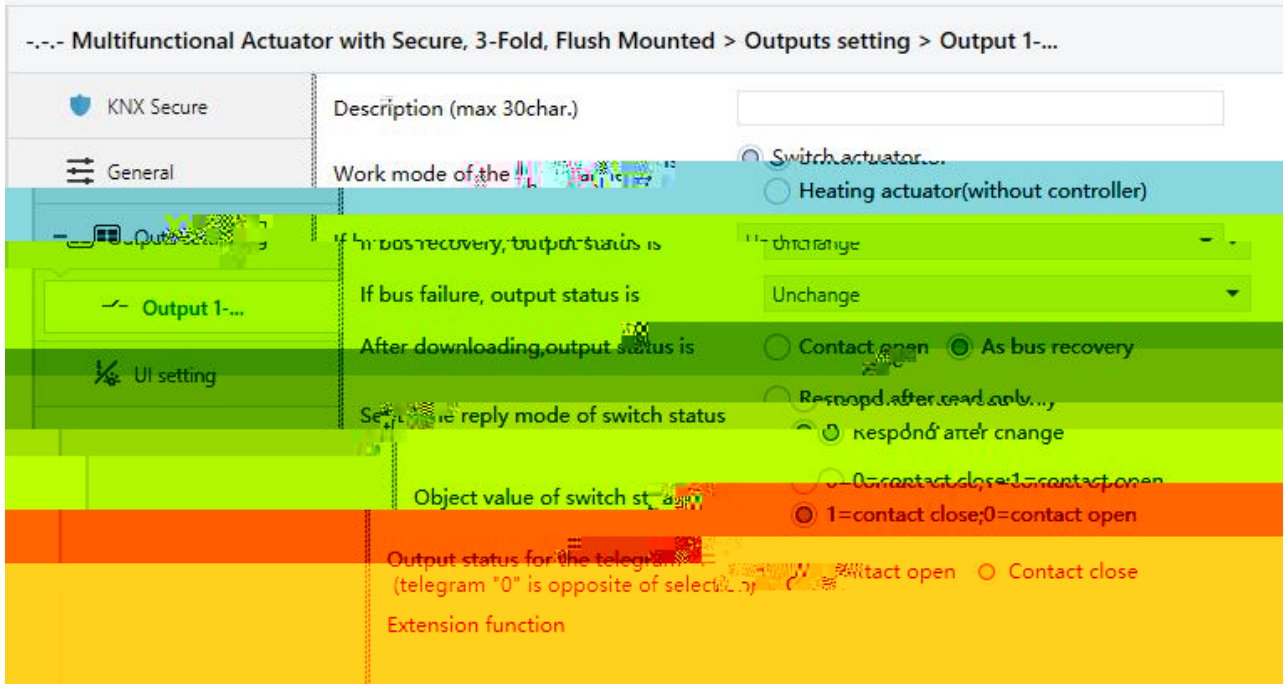
1

k

. .1

k

k


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > Outputs setting > Output 1-...
KNX Secure
General
Output 1-...
UI setting
Description (max 30char.)
Work mode of the
Switch actuator...
Heating actuator(without controller)
If bus failure, output status is
Unchange
After downloading,output status is
Contact open
As bus recovery
Respond after change
1=contact close;0=contact open
Contact close
Extension function

(0 .)

k

k

( )

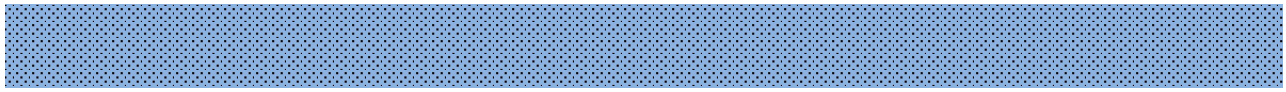
k

k

k

k

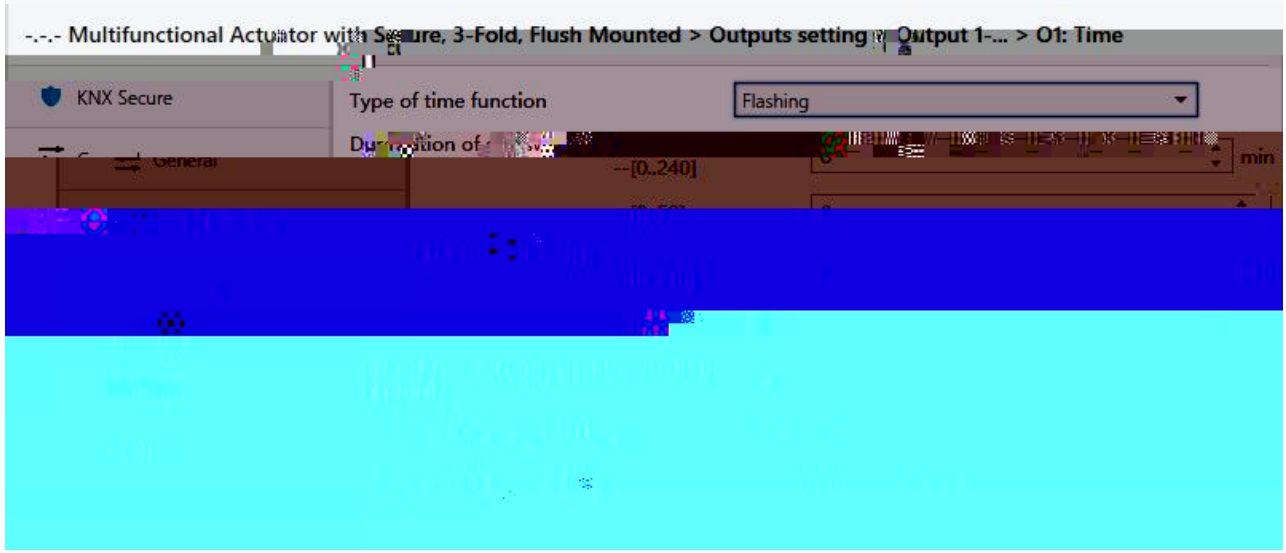




k

. .2.2

k k



k

k

-- 0...2 0 / 0...

k

0...2 0

0...

k

k k

-- 0...2 0 / 0...

k

0...2 0

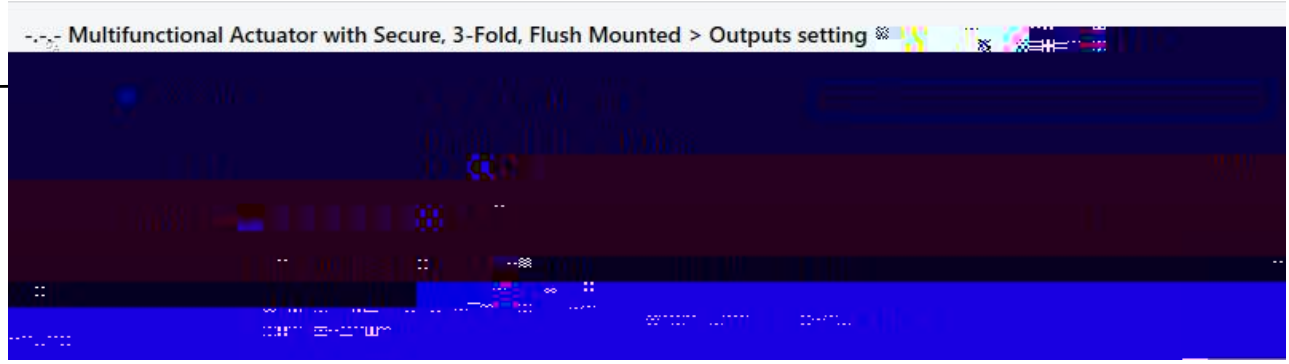
0...

k

k k

- (1...2 0)

k



k

-- 0...1000 / 0...

k

0 1000

0

k

1 0

1 0

0/1 ,

1 , 0

k

k


unted > Outputs setting > Output 1-... > O1: Logic
KNX Secure
General
Outputs setting
Output 1-...
Enable input 0
Input 0 reverse
No
Yes
The input 1 of logic
Logic function type
AND

0/1/2

k

(1, 2)

k

k k

k

k

						k
						k
						k

!

k

! k

! k

! k

k

(,1 ,0)

k

!

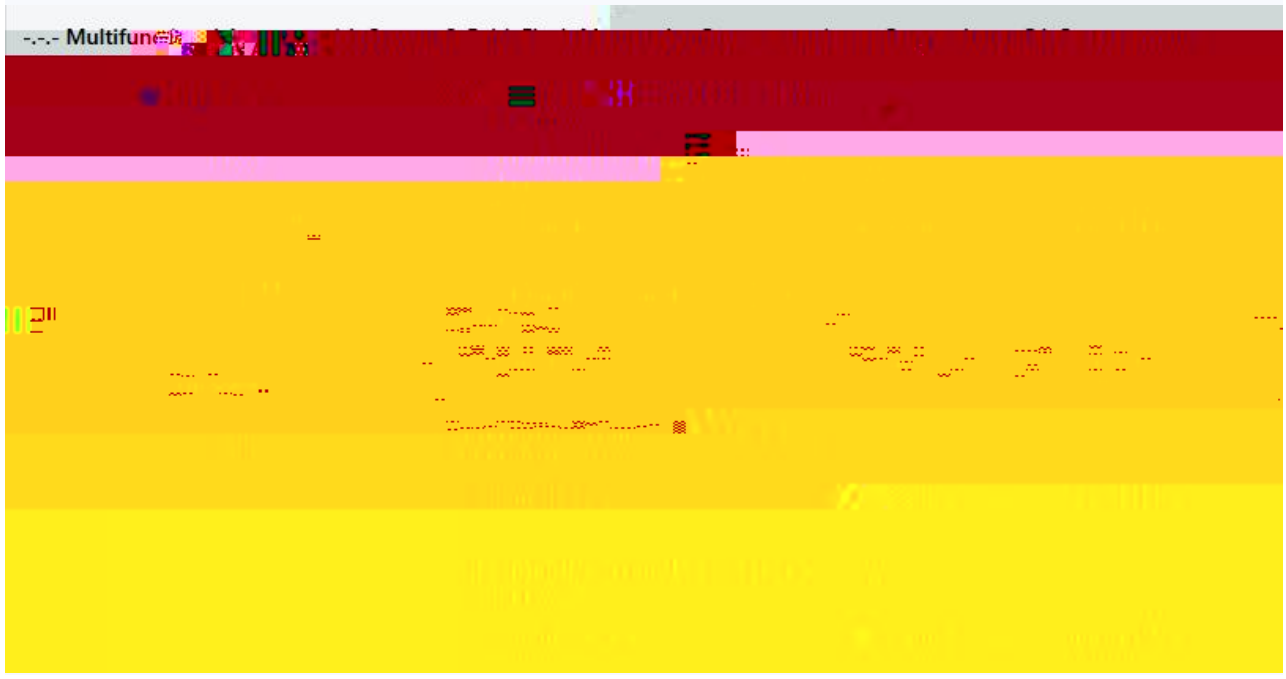
k

0

1

. .

k



k

k

k

1... ,0 ,(1-)

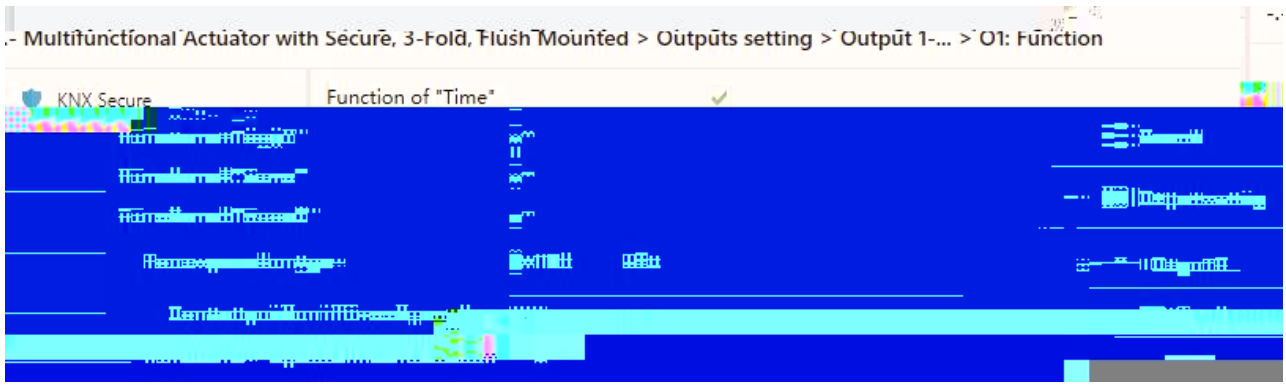
k k

1... 0

k

. .

k



k



k

k

2 (.00)

(1 .100)

k

0..100 (0 ,)

k **0-100**

□□□ □□

k k

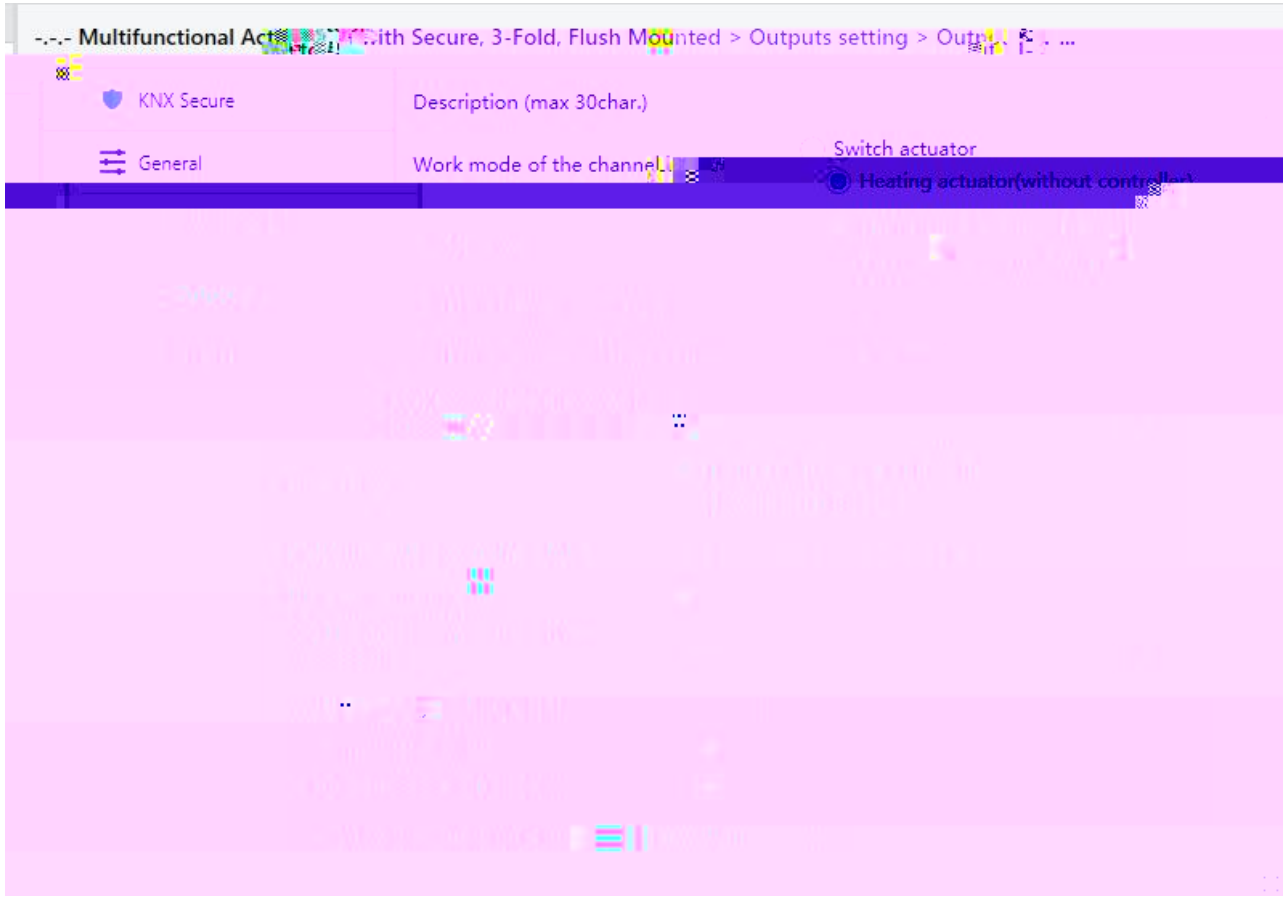
k

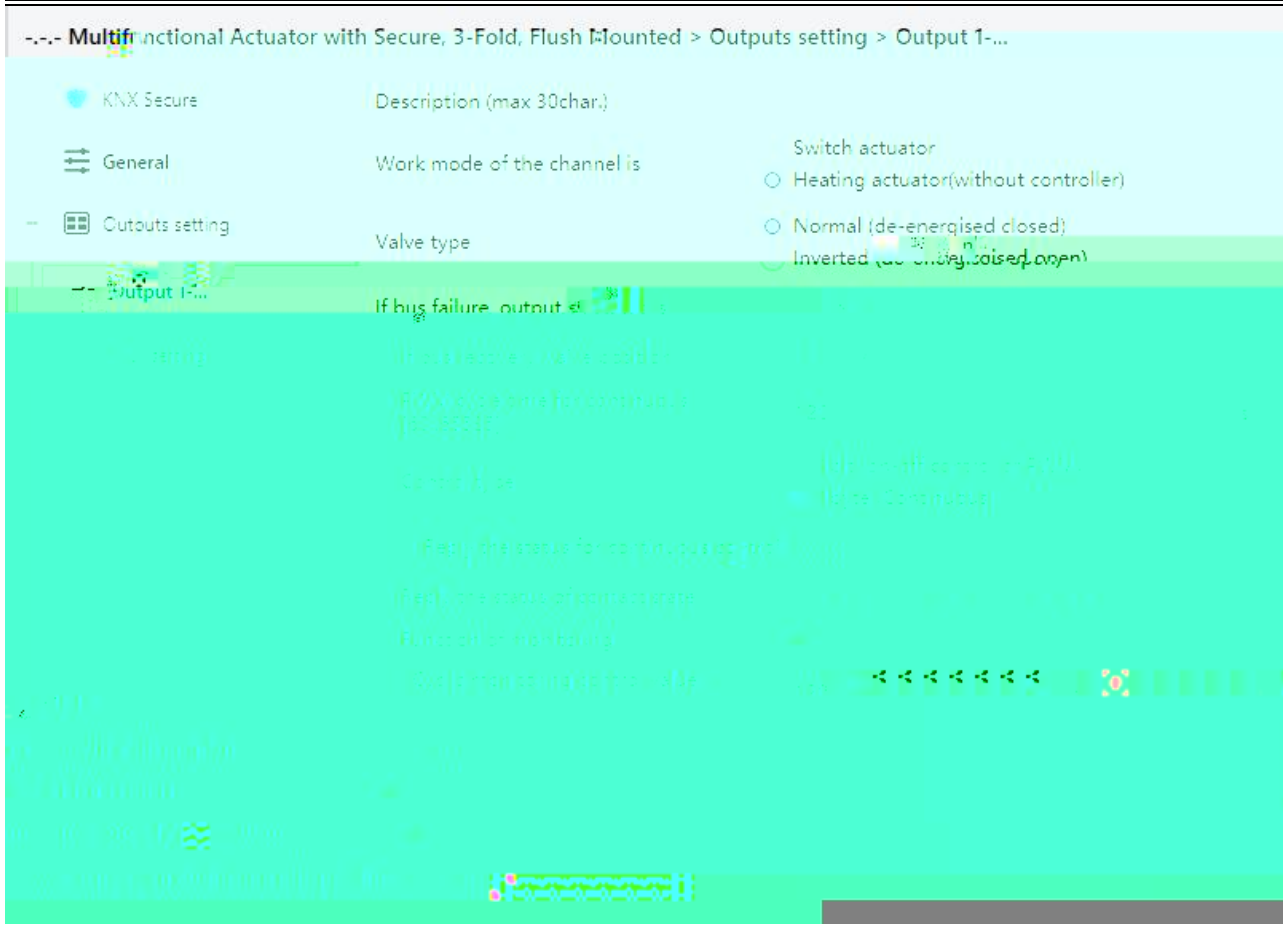
k

k

k

k


-.-.- Multifunctional Act ith Secure, 3-Fold, Flush Mounted > Outputs setting > Out
KNX Secure
Description (max 30char.)
General
Work mode of the channel
Switch actuator
Heating actuator(without controller)


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > Outputs setting > Output 1-...
KNX Secure
General
Outputs setting
Output 1-...
Description (max 30char.)
Work mode of the channel is
Switch actuator
Heating actuator(without controller)
Valve type
Normal (de-energised closed)
Inverted (de-energised open)
If bus failure, output st

k

(-)

(-)

k

k

k

k

k

0%

10% 2

20% 1

...

0% 2 0

100%

k

k

k

--

k

k

,0% 0 1 (1)

,0% 1 0 (1)

, (1)

k

,0 1

,1 0

k

k

k

k

-- 0..

k

k k

k k 0..

k

k

--

k

0%

10% 2

...

100%

k

--

k

k

k

k

k

--

k

0%

10% 2

...

100%

k

k

k

k

k

k

k

. .

k

. .1

k



k

k

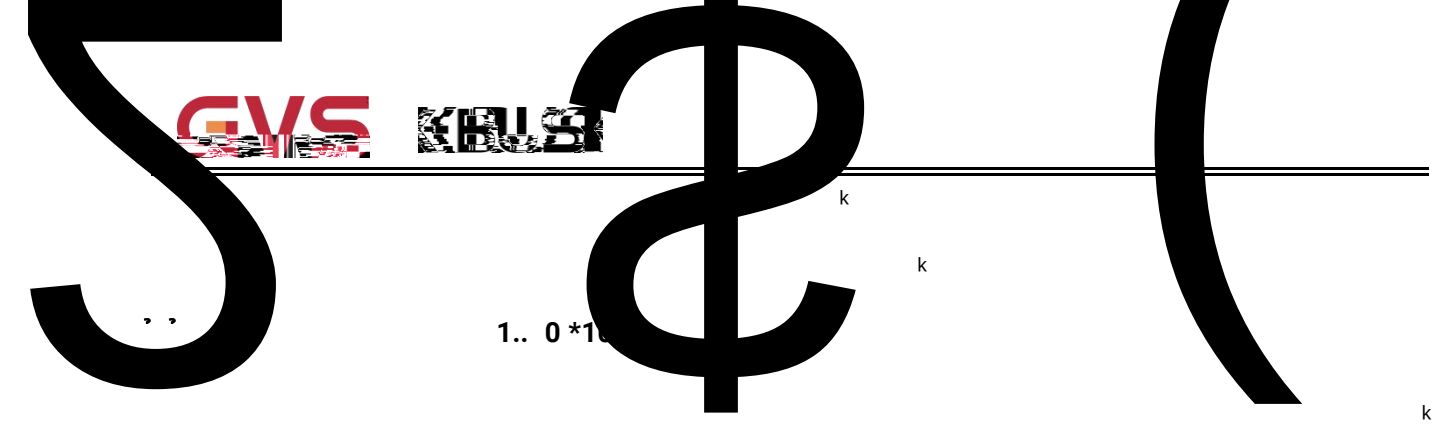
k

k

k

-

-



k

k

k

k

k

k

k

0% **k**

k

k

k

k

k

k

k

k

k

k

k

k

k

k k

k k

k

0%/10%/ / 0%/100%

k

k

, /

k

k

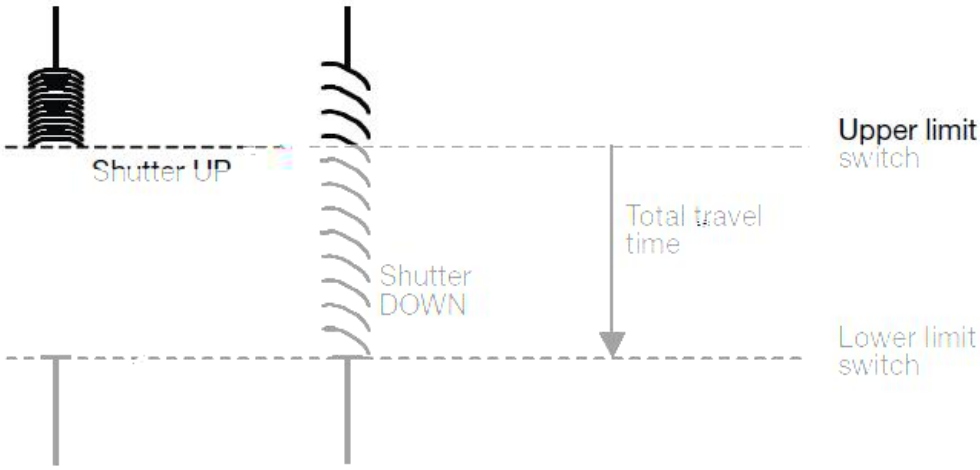
k

k

k

□

k



!

k

- 0..200 *10

k 0..200

k

10 2 0 *10

k

k k

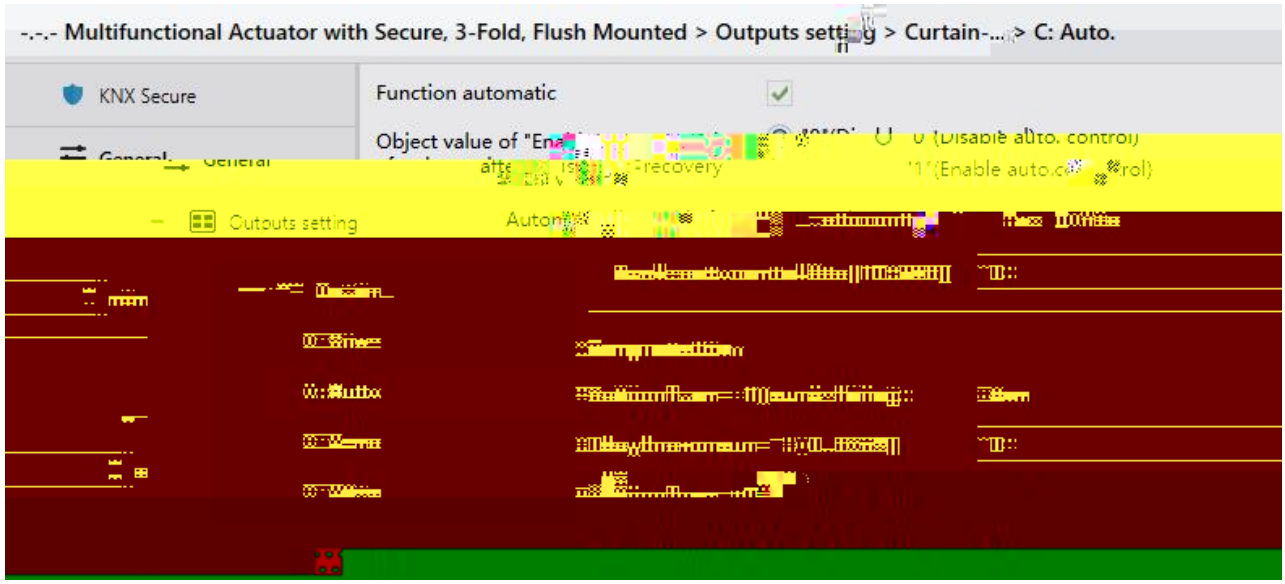
. .1.2 .

k

k

k

k


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > Outputs setting > Curtain-... > C: Auto.
KNX Secure
Function automatic
Outputs setting

k

k

0 (.)

1 (.)

k

.

k

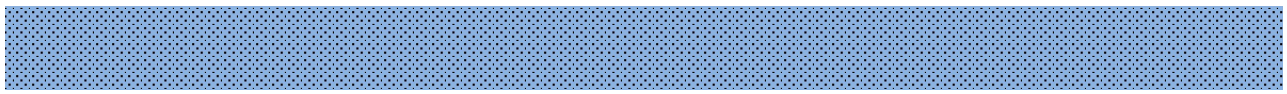
k

-- . 10、000

k

k

k



-- 1 ( )

k

1

k

k

-- 1 0... wS

□□ □□□□

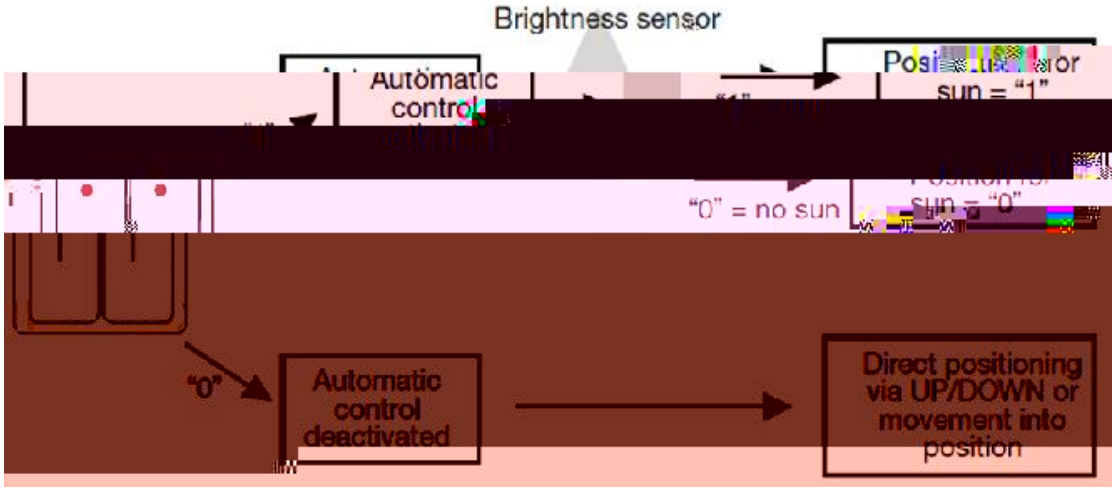
□□□ □ □ □□□

k *0*□□□□□ □□ □□□□□□□□

-- 0 ( )

k

-- 0 0...

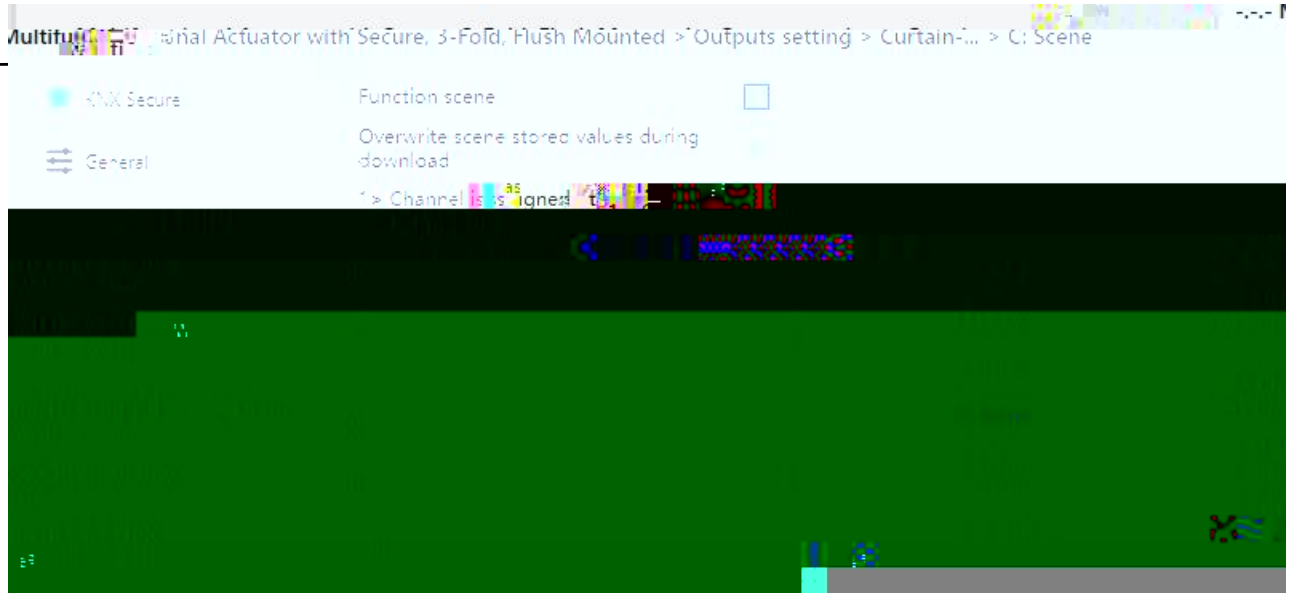

Brightness sensor
Automatic control
"0" = no sun
"0"
Automatic control deactivated
Direct positioning via UP/DOWN or movement into position

k

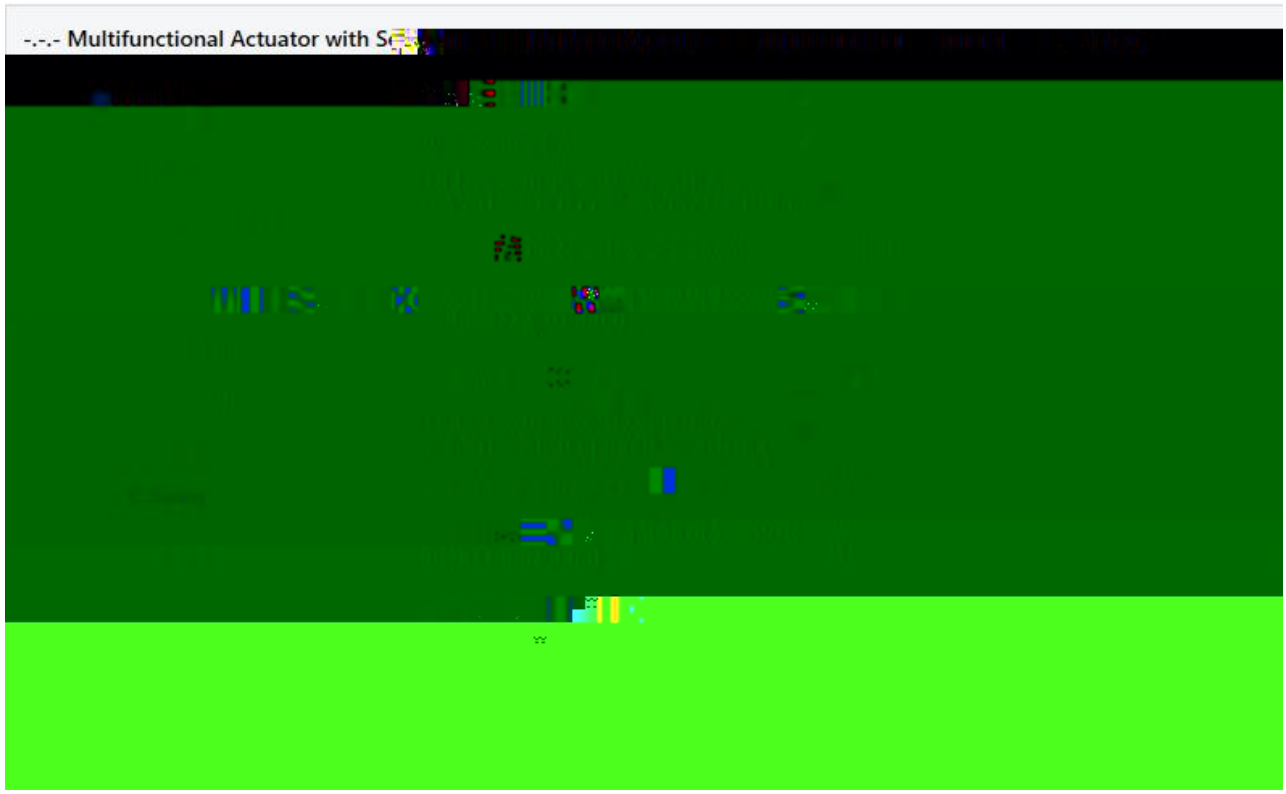
k

k

k


Function scene
Overwrite scene stored values during download
General

k



k

k

1/2

k

k

( )

k

0

1

k

1/2

k

0.. ,0

k

k

k

k

k

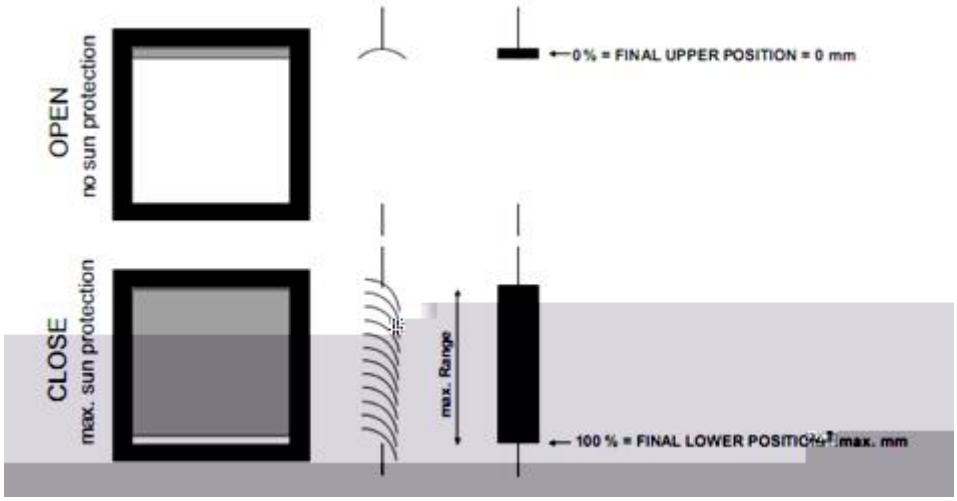
k

k

. .2

k k

k


OPEN
no sun protection
CLOSE
max. sun protection
0 % = FINAL UPPER POSITION = 0 mm
max. Range
100 % = FINAL LOWER POSITION = max. mm

k

2 1

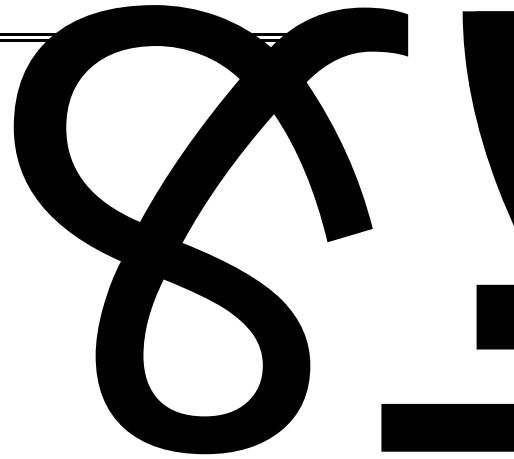
1 !

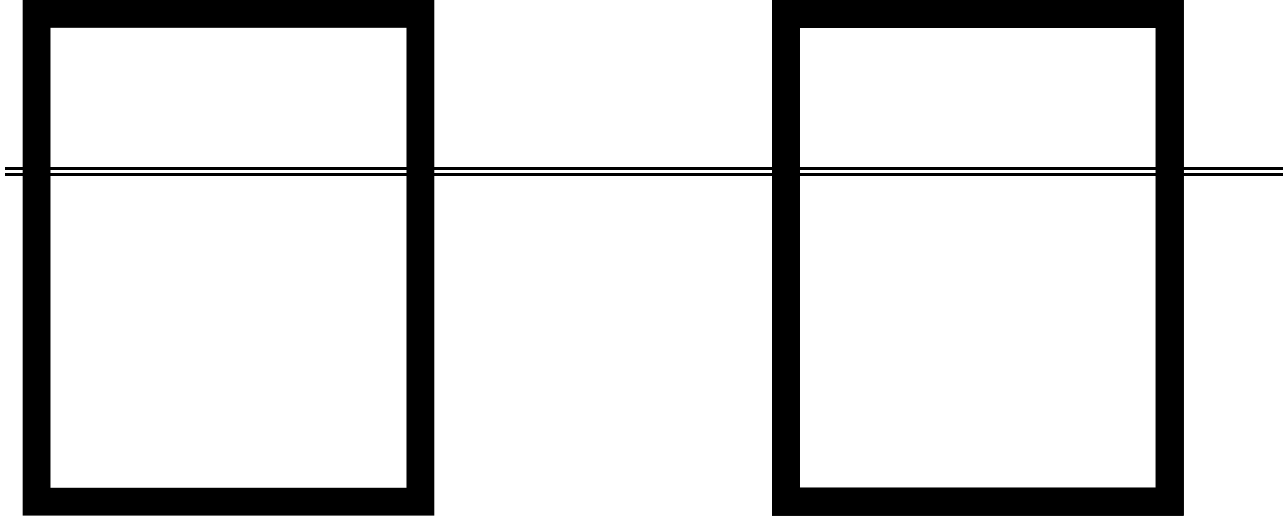
!

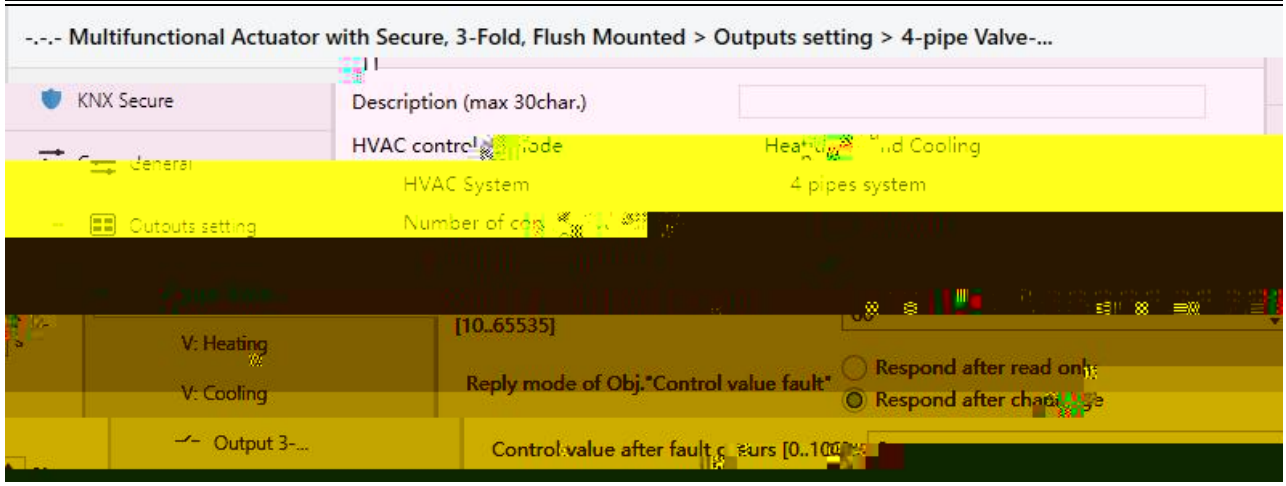
k

. .

! !






-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > Outputs setting > 4-pipe Valve-...
KNX Secure
Description (max 30char.)
HVAC System
4 pipes system
Outputs setting
V: Heating
V: Cooling
Output 3-...
[10..65535]
Reply mode of Obj."Control value fault"
Respond after read only
Respond after change

k

k

k

k

,

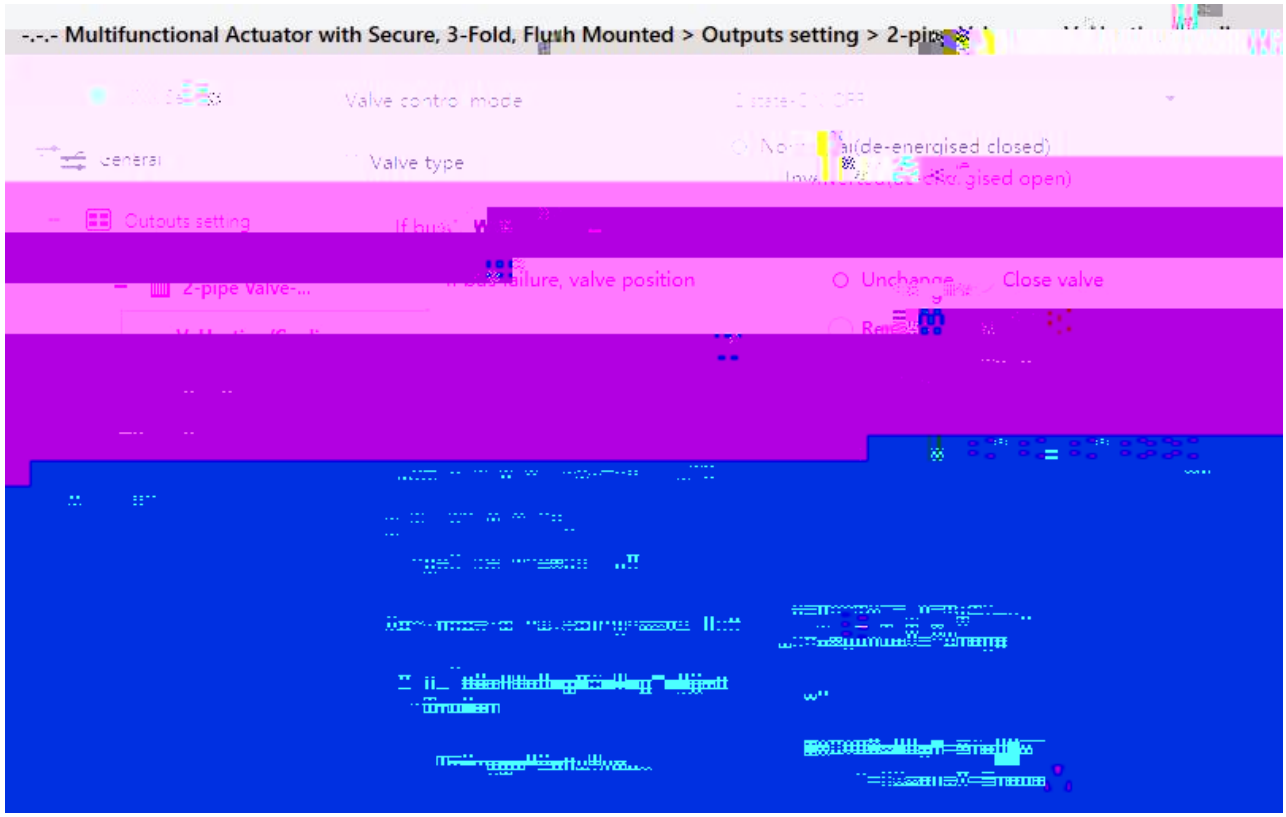
,

k

2- - k

/ k

k


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > Outputs setting > 2-pip
Valve control mode
General
Valve type
Outputs setting
2-pipe Valve-...
Unchange
Close valve

k

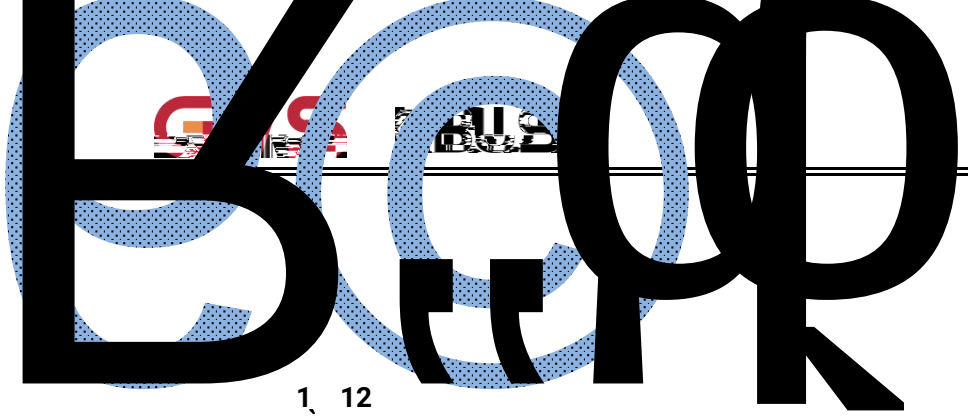
(-)

(-)

k

k

k



k

1 12

(1)

k

k

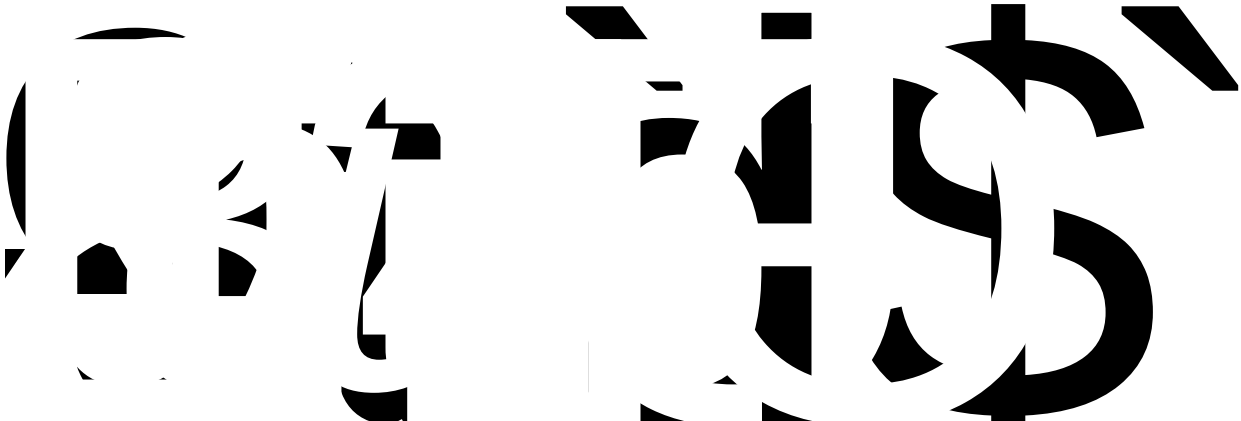
k

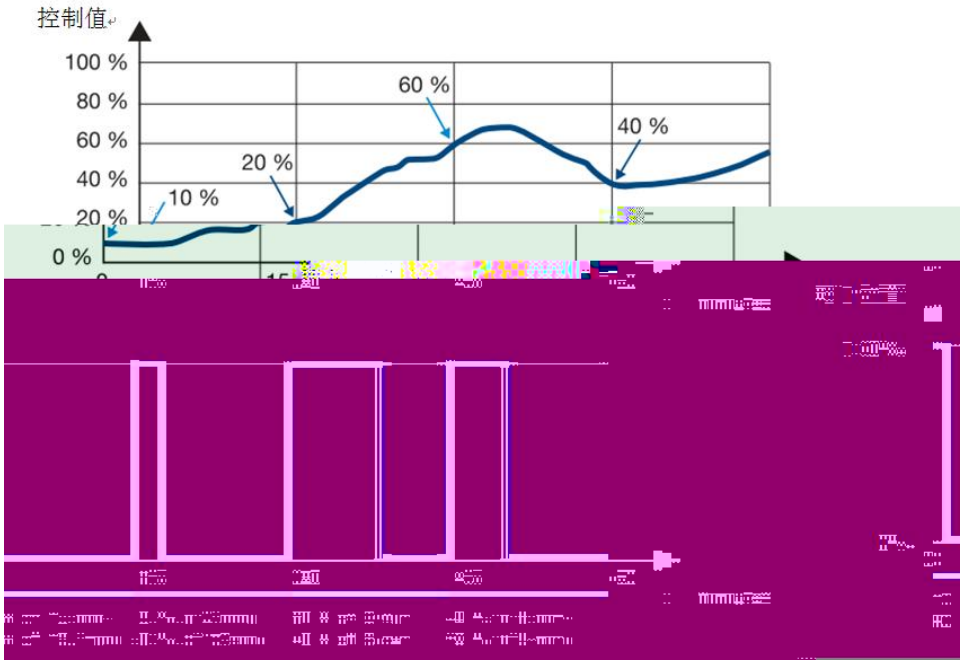
k

k

0 */1*

/0





!

k

k

10、 000

k

k 10 000

,

(-)	k
(-)	k

k

100 /200 /1 /1.2 /1.

k

k

k

k

k

0% 0%

k

k

0% 100% 0 000

k **0 000**



k

1、

k 1、

k

k Ô

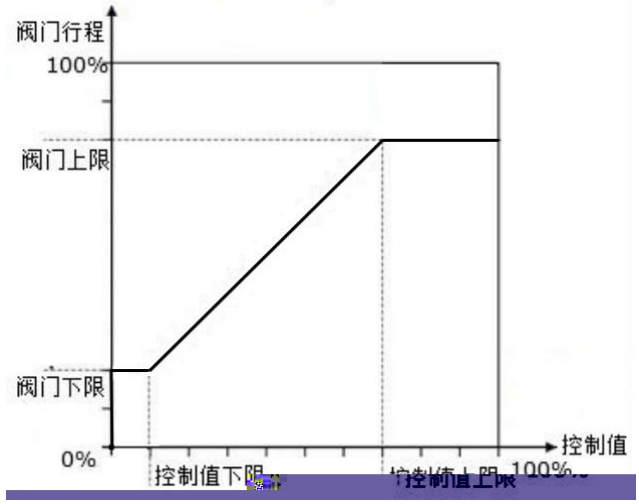
Ô k

k

k

□□ □□□□□

k



k

k

k

k

k

1

1

k

k

0

0

1



. .

k

. .1 --

k


Multifunctional Actuator with Secure, 3-Fold, Flu n Mounted > Outputs setting > Fan-..
KNX Secure
General
Outputs setting
Fan-...
Output 2-...
Output 3-...
Fan type
One level
Description (max 30char.)
When bus failure, fan speed is
Unchange
When bus recovery, fan speed is
Unchange
After downloading,fan speed is
OFF
Forced operation function
Switch Delay
10
*0.1s
Time mode for function OFF
Switch Delay
10
*0.1s

k

0

k

k

k

k

k

k

!

k

k

k

k

k

k

k

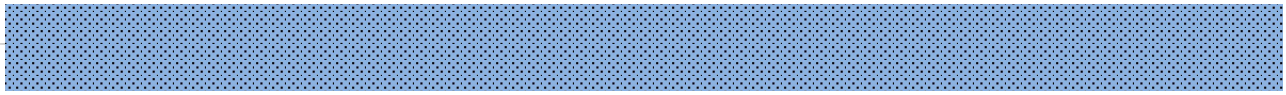
k

1.. .1*0.1

k **1**

1..

k **1**



k

□□ □ □ □

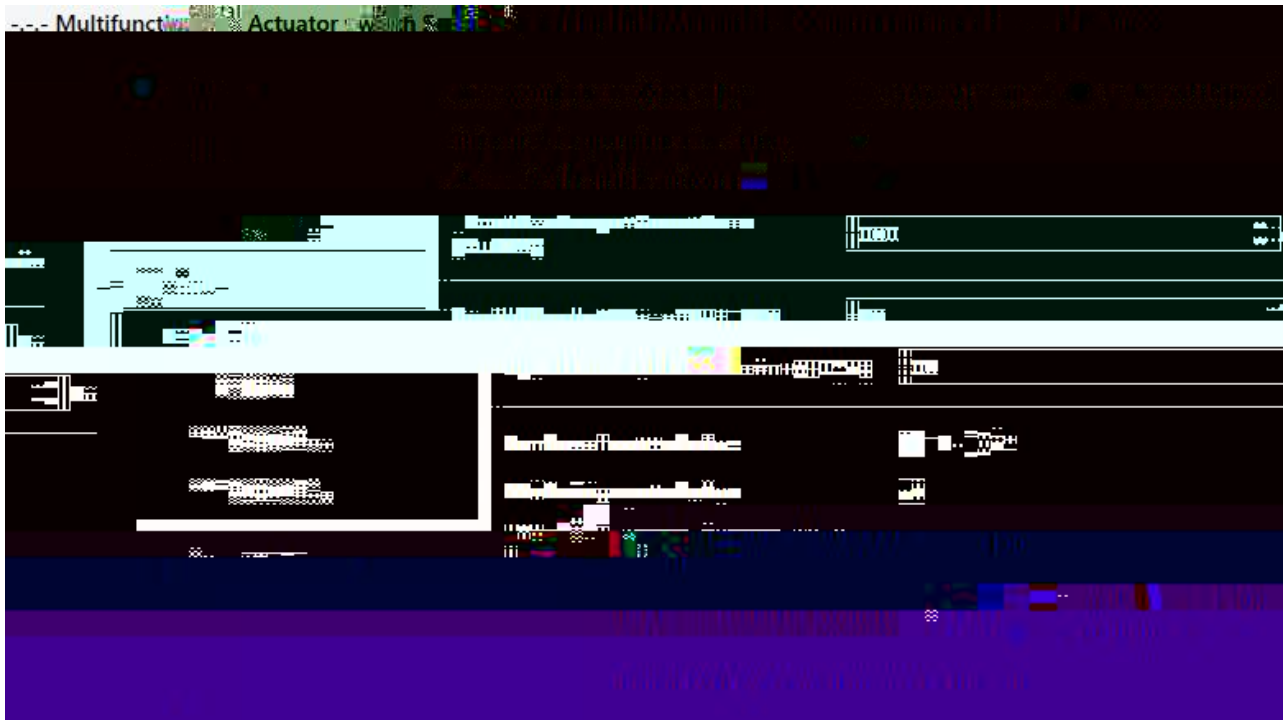
□ □

k

k

k

k



k

0 /1

1 /0



k

k

k

k

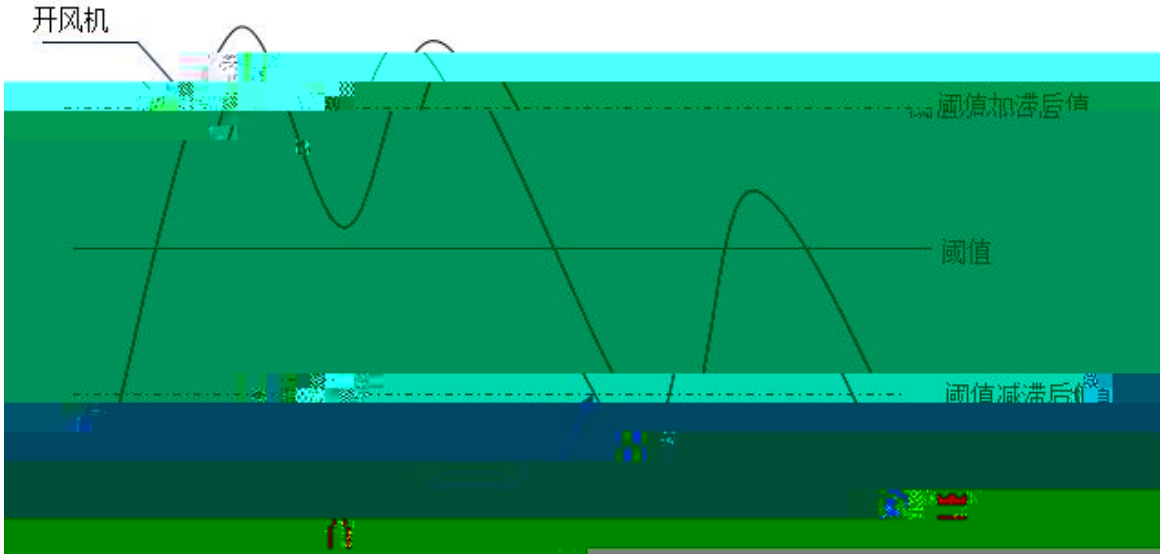
k

10.. 000

k **10.. 000**

- 1 100 %

k **1□□□□□□**



k

1 **1**

2 **2**

k

k k

k

k

1 **2** **k** **k**

1/2 **k**

k 1 2

k

k

k

10..

k **10**

.

k

je

□

□□□□□ □□

ì

□ □□ □□□□□ □□□□ □□ □ □

, Þ

2

k

k

k

2 **k**

k

k

k

k

k

k

0 000

k **0 000**

k

k

,

k

1

2

k

2 **k**

k

1

2

k

1 2 !

2 1 2 k

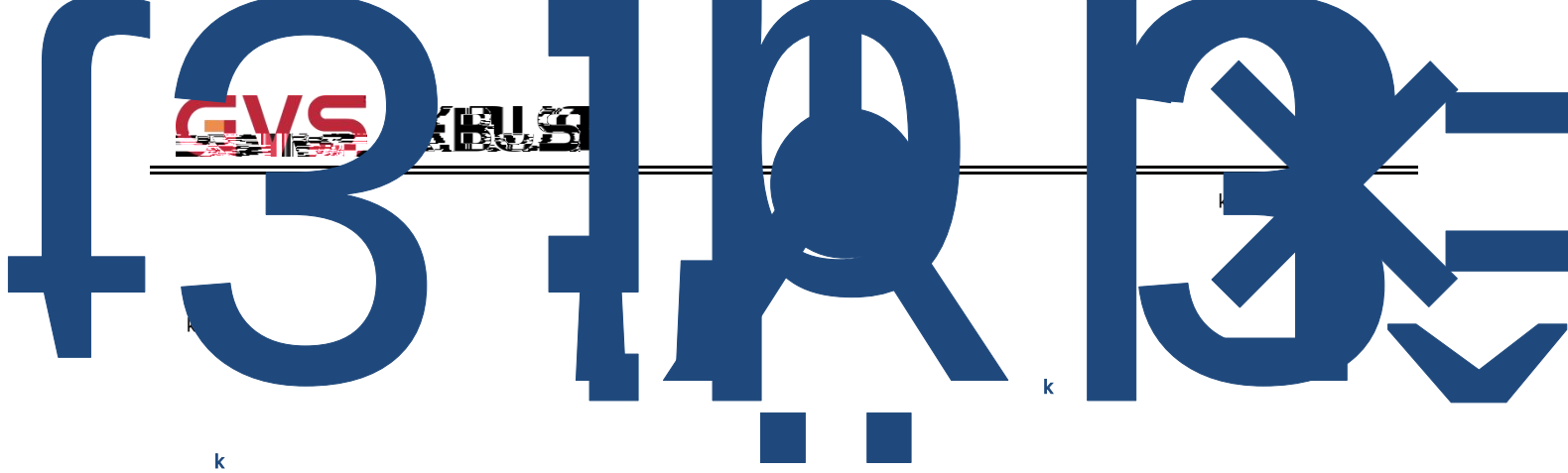
0 1 ! 2 !

1 2 1 ! 2

0 1 k

k

□ □ □ □ □ □ □ k



k

k

k

t3 k k

0... *0.1

k

k

0 0

k

k

k

!

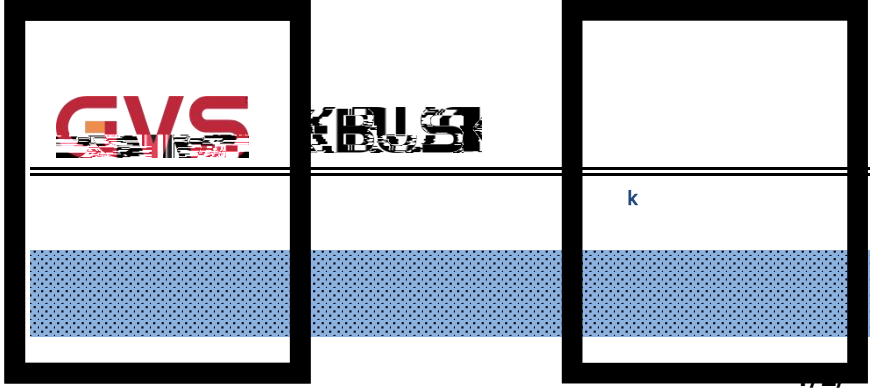
k

k

I5 9ú3=&:8Ñ k

□

□ □



k

k

" yþ,Ô‰

k

1..

k 1

□ □ □ □

„ ʎbɒʇɔǝɹɹoɔ ɹnoʎ ʇı ɹǝqɯnu ɔı,((3ɛ ʎʇ

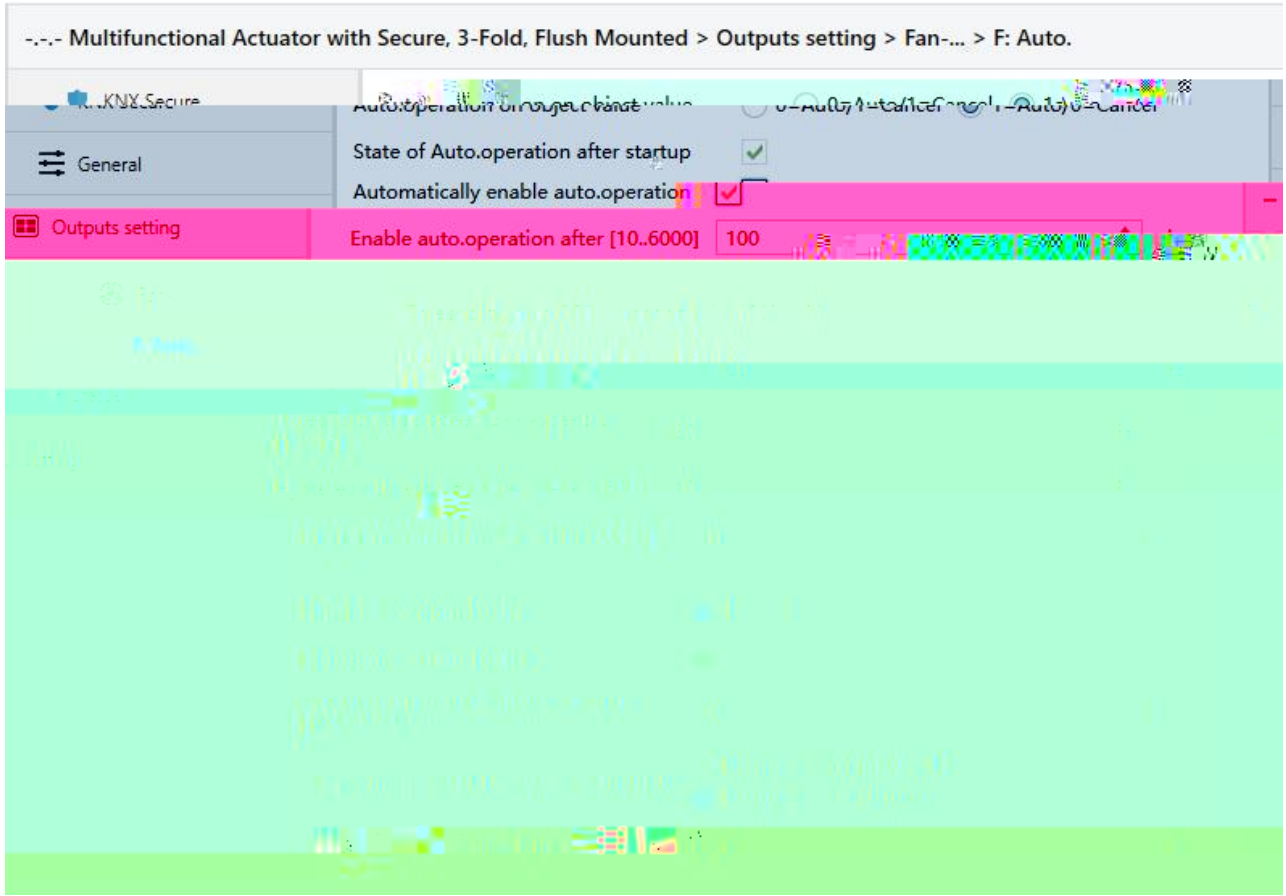
k

. .2.1 .

k

k

k



k

0 /1

1 /0

k

.

k

k

.

k

k

k

. 10.. 000

k 10.. 000

-- 1 1 100 %

1、100%

k

k k

1 -- 2 1 100 %

k

1、100

2 -- 1 100 %

k

1、100

1 - 2 2 - k - 1

1 - 2 1 - 2 2 - k

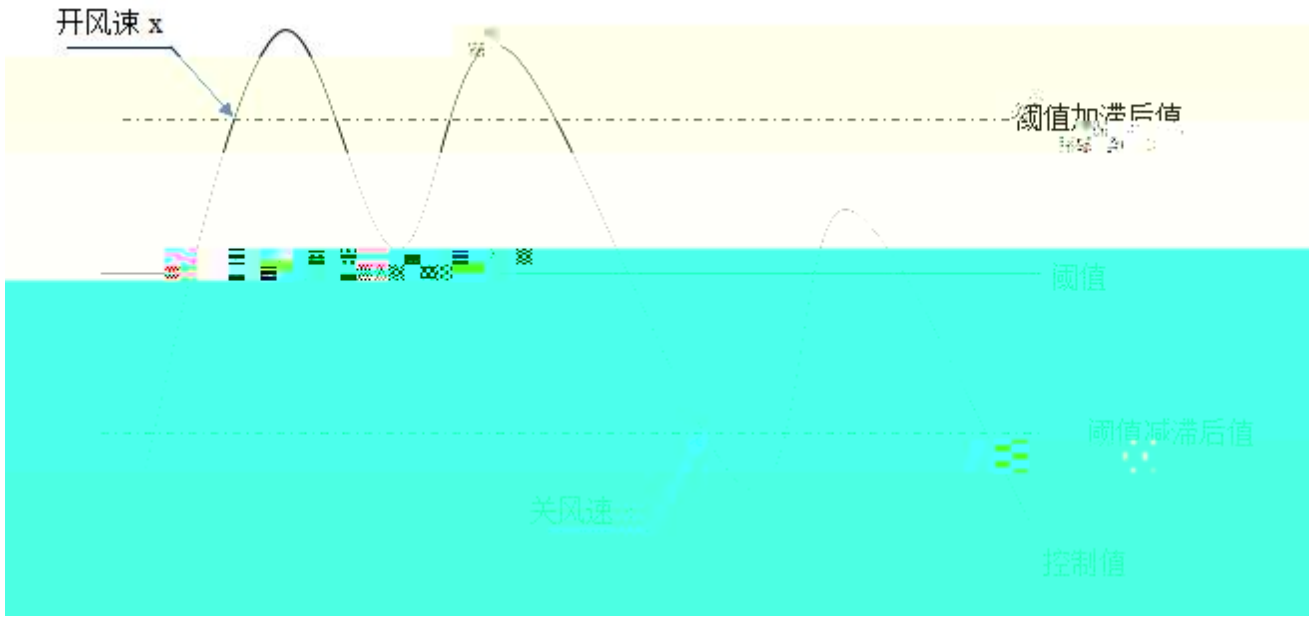
+/- 0 0 %

k

0、 0

k

k



k

k

k

0

k

k 0

k

k

k

1 1 2

k

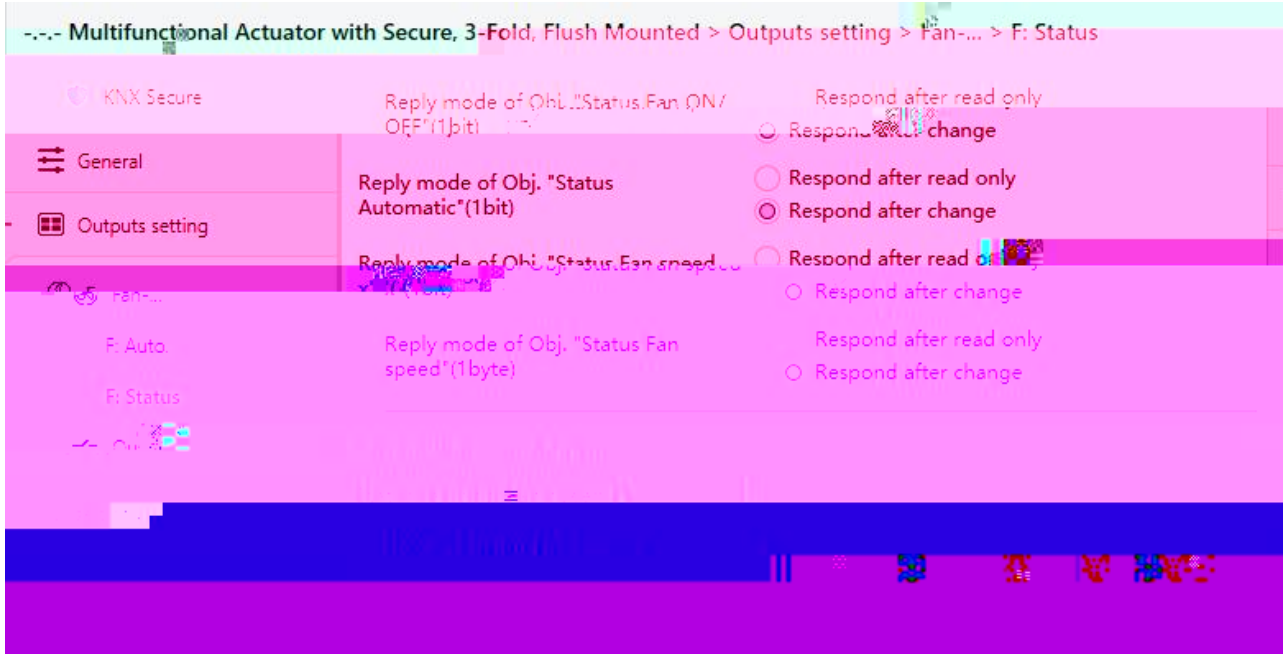
k

0 k

. .1.1

k

. .2.2


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > Outputs setting > Fan-... > F: Status
KNX Secure
General
Outputs setting
Fan-...
F: Auto
F: Status
Reply mode of Obj. "Status Fan ON / OFF"(1bit)
Respond after read only
Respond after change
Reply mode of Obj. "Status Automatic"(1bit)
Respond after read only
Respond after change
Respond after read only
Respond after change
Reply mode of Obj. "Status Fan speed"(1byte)
Respond after read only
Respond after change

. / (1)

k

k

. (1)

k

k

k

. (1

k !

k

k

. (1)

k

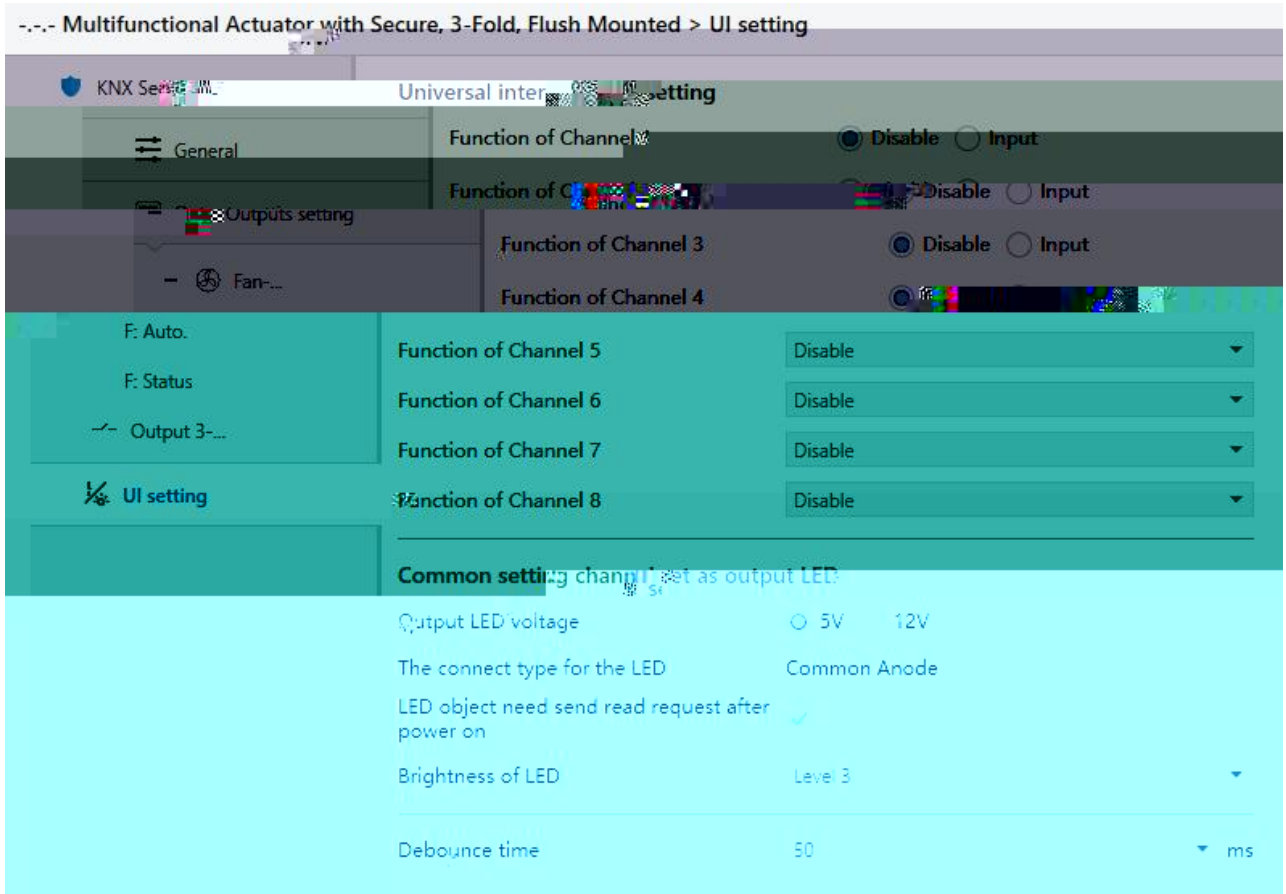
k

1/2/

k 1..100 k

k

k


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > UI setting
KNX Se
Universal inter
etting
General
Function of Channel
Disable
Input
Outputs setting
Function of C
Disable
Input
Fan-...
Function of Channel 3
Disable
Input
Function of Channel 4
F: Auto.
F: Status
Output 3-...
UI setting
Function of Channel 5
Disable
Function of Channel 6
Disable
Function of Channel 7
Disable
Function of Channel 8
Disable
Common setti
g chann
et as output LED
Output LED voltage
5V
12V
The connect type for the LED
Common Anode
LED object need send read request after power on
Brightness of LED
Level 3
Debounce time
50
ms

.(1-)

k

/ 0 k

.(-)

k

/ □

k

0

0

100

1 0

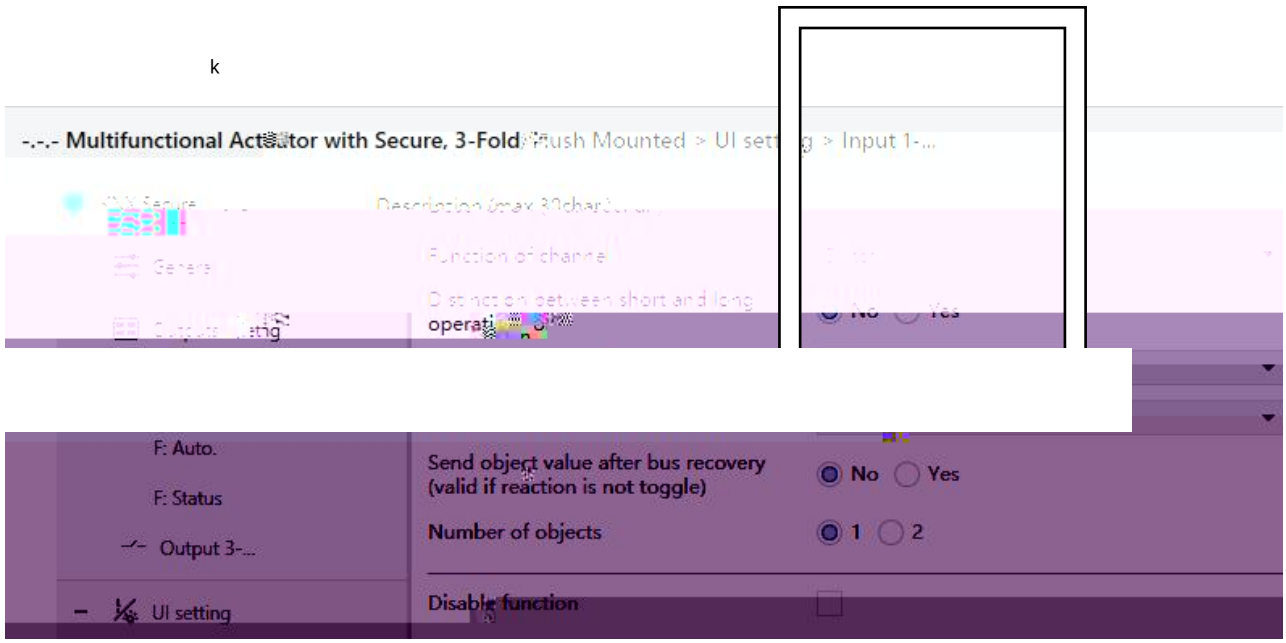
.10.

! ! ! ! ! !

k k

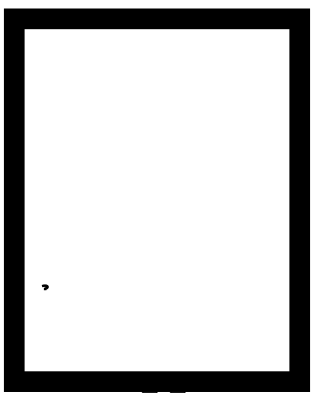
.10.1

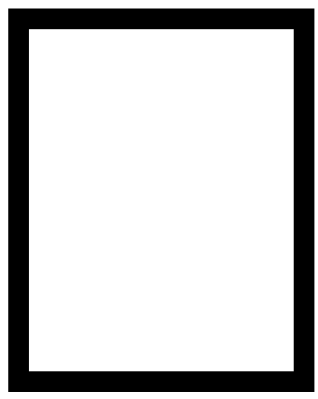
k



k

k





..2 *0.1

k

1/ 0

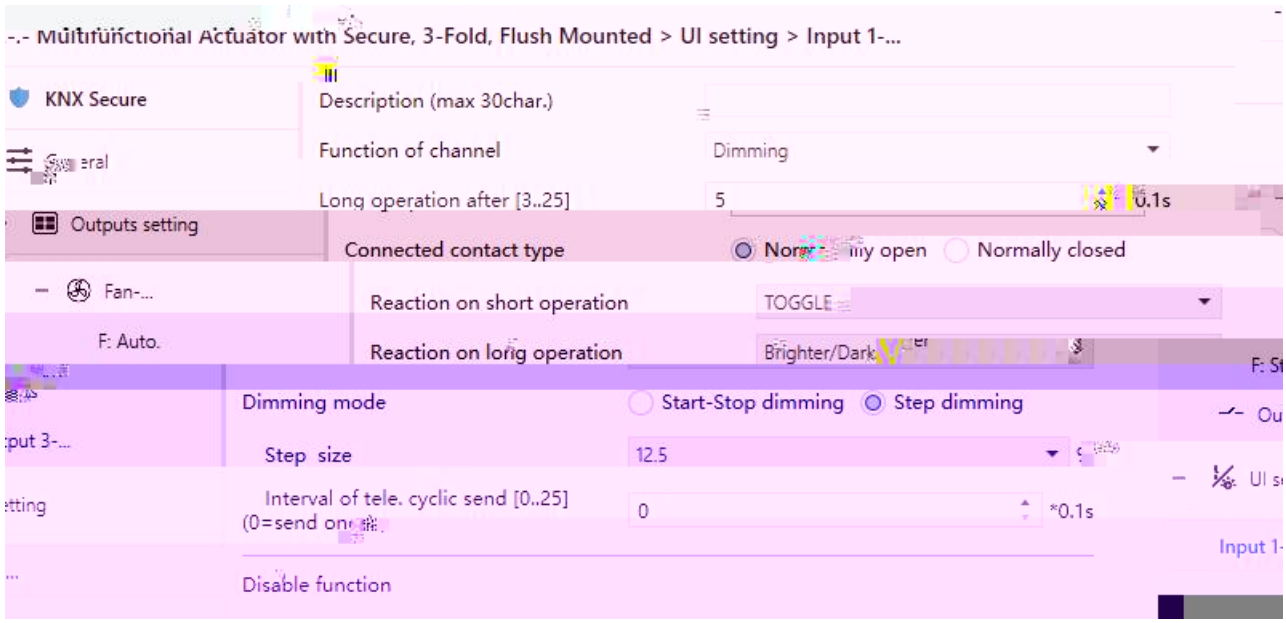
0/ 1

k

s

.10.2

k



k

k

k

k

/

k

k

k

k

k

k

k

-

k k

k

k

100%

0%

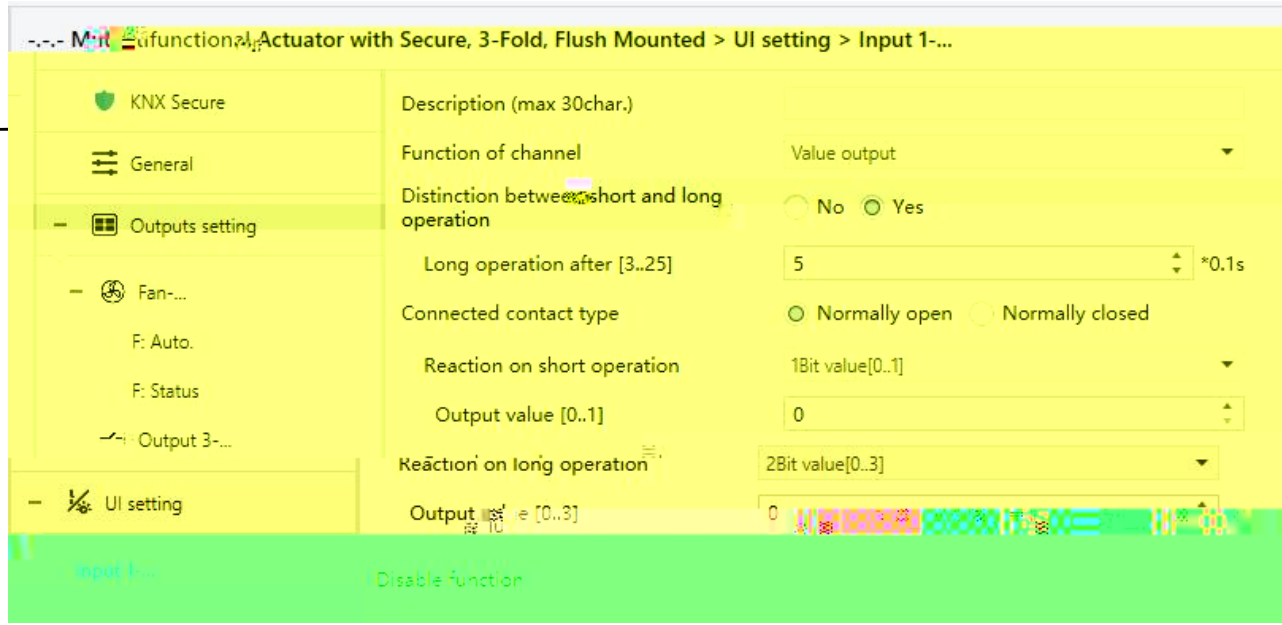
1. %

. 0..2 *0.1 (0

k

0..2 , 0

k


Actuator with Secure, 3-Fold, Flush Mounted > UI setting > Input 1-...
KNX Secure
General
Outputs setting
Fan-...
F: Auto.
F: Status
Output 3-...
UI setting
Description (max 30char.)
Function of channel
Value output
Distinction between short and long operation
No
Yes
Long operation after [3..25]
5
*0.1s
Connected contact type
Normally open
Normally closed
Reaction on short operation
1Bit value[0..1]
Output value [0..1]
0
2Bit value[0..3]
Disable function

¡

¡ ƧſЌ€Ơƍƍƍ

k

1 0..1

`

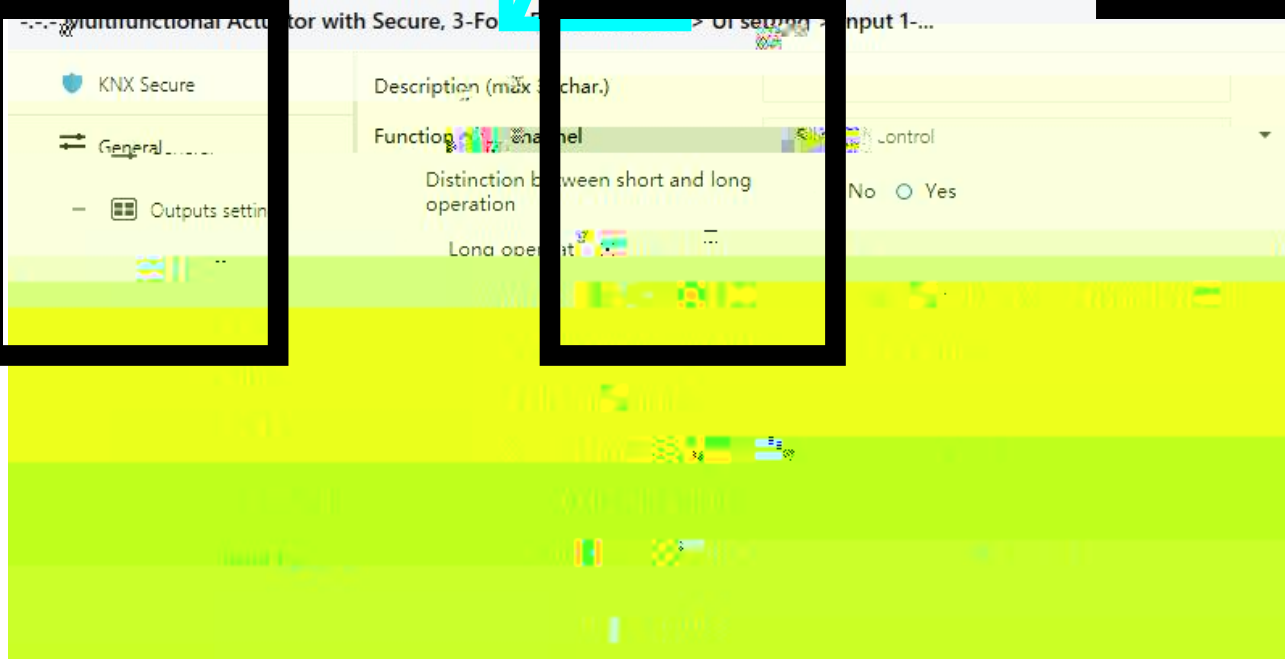
2 0..

` `

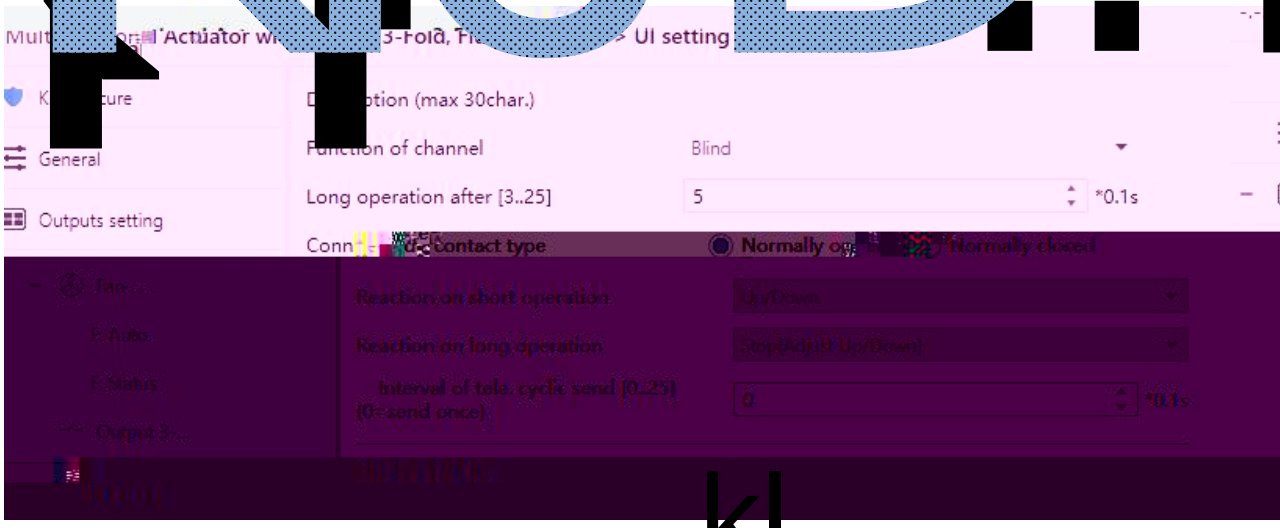
`

k k

.10.


KNX Secure
Description (max
Function
Control
Distinction between short and long operation
No
Yes
Outputs setting

k

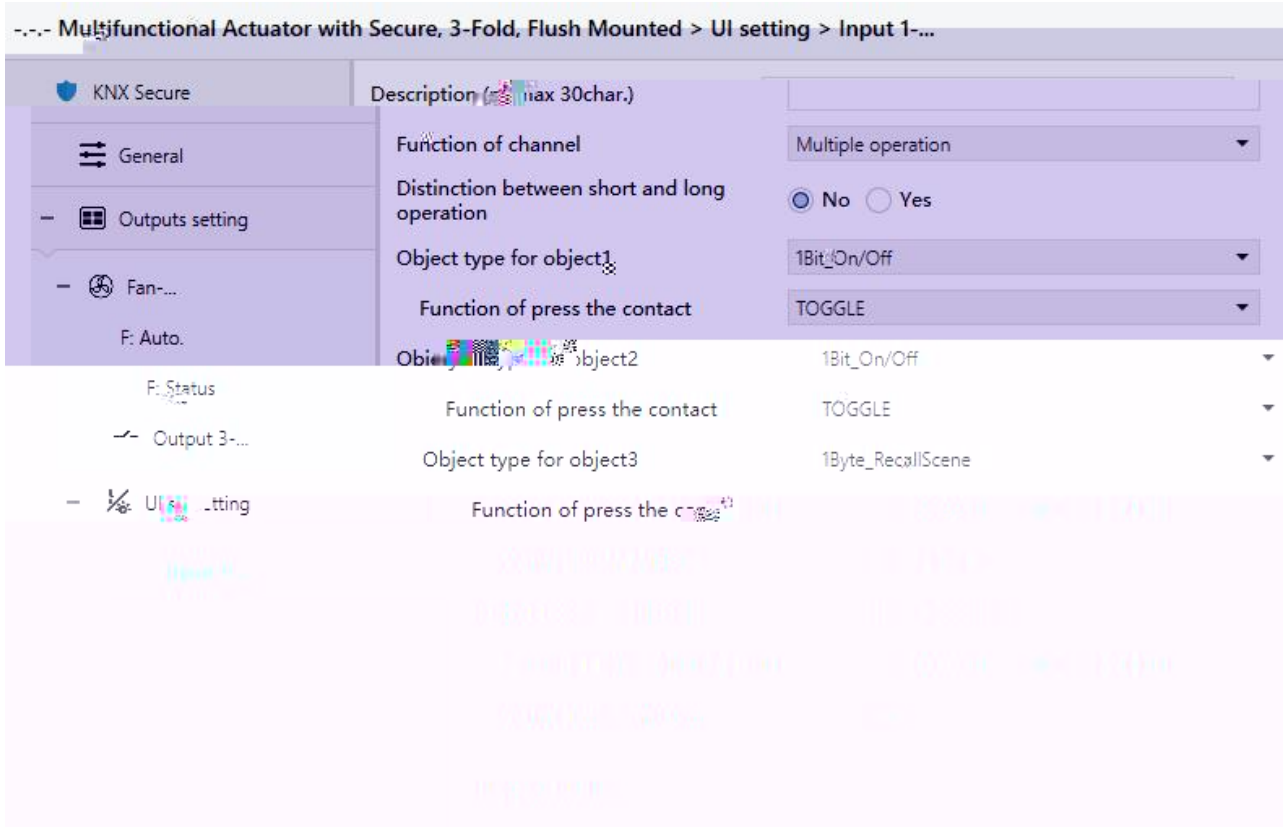

Actuator w
3-Fold, Fl
UI setting
Description (max 30char.)
General
Function of channel
Blind
Long operation after [3..25]
5
*0.1s
Outputs setting
Contact type
Normally op
Normally closed
Reaction on short operation
Up/Down
Reaction on long operation
Stop/Adjust Up/Down
Interval of tele. cyclic send [0..25] (0=send once)
0
*0.1s

kl

k

k

k k


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > UI setting > Input 1-...
KNX Secure
General
Outputs setting
Fan-...
F: Auto.
F: Status
Output 3-...
UI setting
Description (max 30char.)
Function of channel
Multiple operation
Distinction between short and long operation
No
Yes
Object type for object1
1Bit_On/Off
Function of press the contact
TOGGLE
Object type for object2
1Bit_On/Off
Function of press the contact
TOGGLE
Object type for object3
1Byte_RecallScene


Actuator.w
re_3-Fold
Flush Mounted > UI
> Input 1-...
Description (n
operation
No reaction
Send Value
Value 1 (Scene NO.)
Scene NO.1
Function of long operation
No reaction
Send Value
Value 2 (Scene NO.)

k

k

..2 *0.1

k

k ***..2***

k

k

(1..)

k

1 **/**

`

1

/ **/**

k

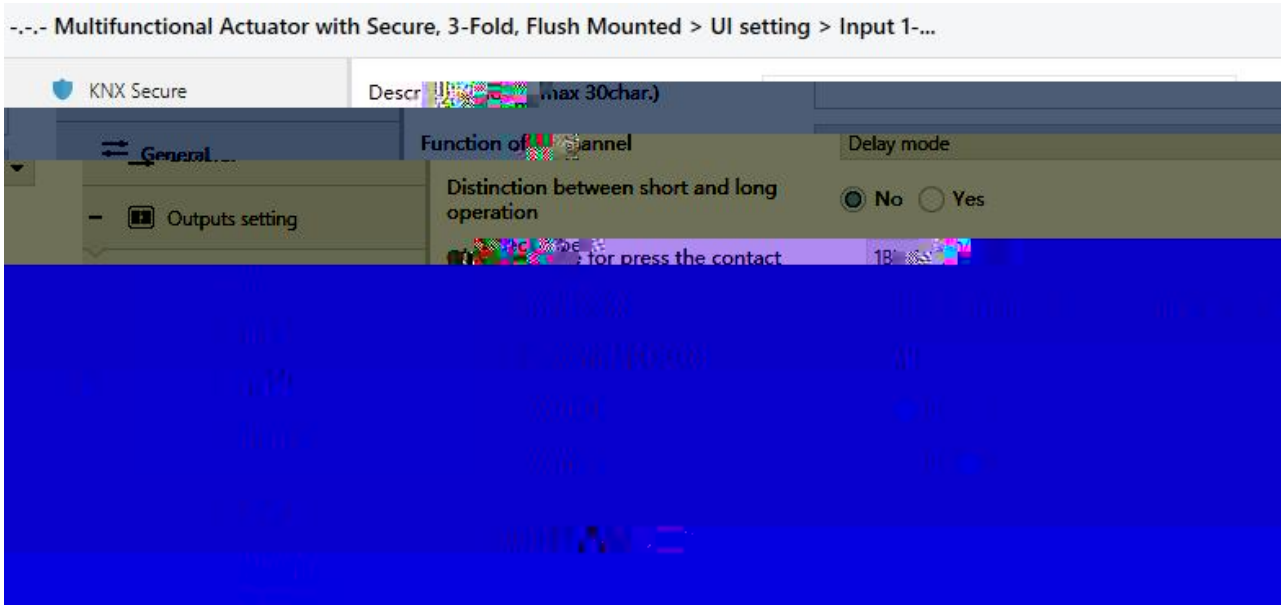
1/2 ...

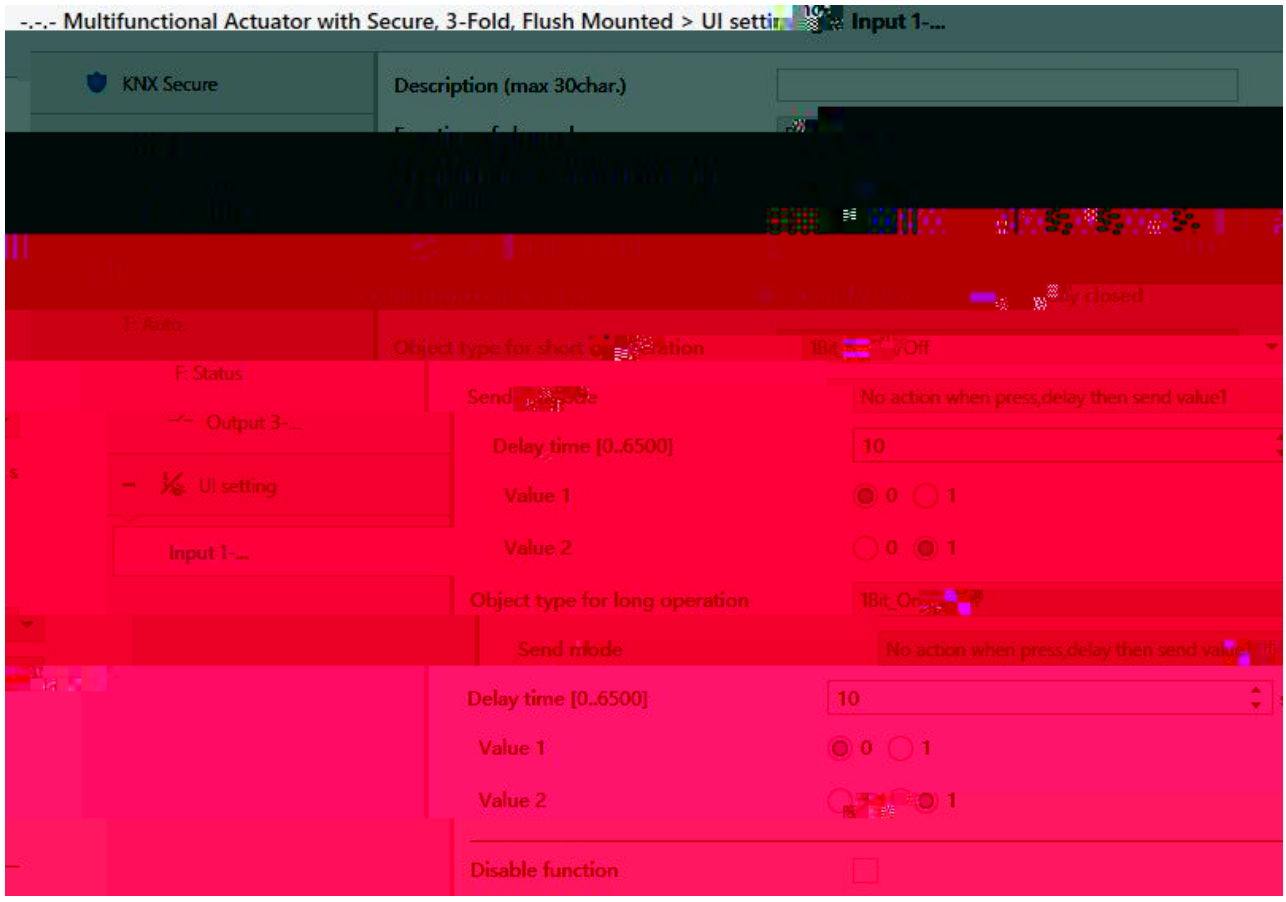
k k

k

k

k


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > UI setting > Input 1-...
KNX Secure
Descr
max 30char.)
General
Function of
annel
Delay mode
Outputs setting
Distinction between short and long operation
No
Yes
for press the contact
1B


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > UI setti
Input 1-...
KNX Secure
Description (max 30char.)
F: Auto
F: Status
Output 3-...
UI setting
Input 1-...
Object type for short
ration
1Bit
/Off
Send
ode
No action when press,delay then send value1
Delay time [0..6500]
10
Value 1
0
1
Value 2
0
1
Object type for long operation
1Bit_On
Send mode
Delay time [0..6500]
10
Value 1
0
1
Value 2
1
Disable function

k

k

. .

..2 *0.1

k

k ***..2***

. .

k

/ /

k

1 **/**

1

. .

k

, *1* 1

, *2* 2

1 **, *2* 1 2**

0.. 00

k *0.. 00*

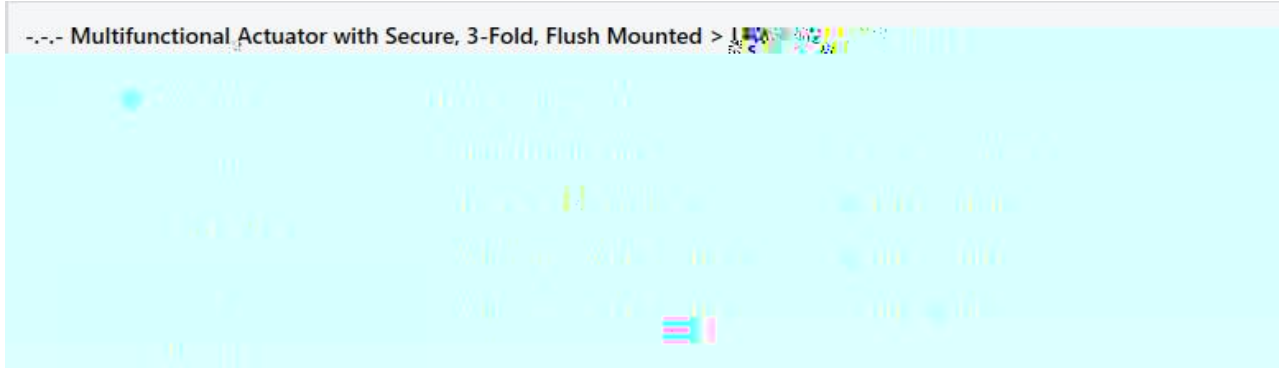
1/2、

k k

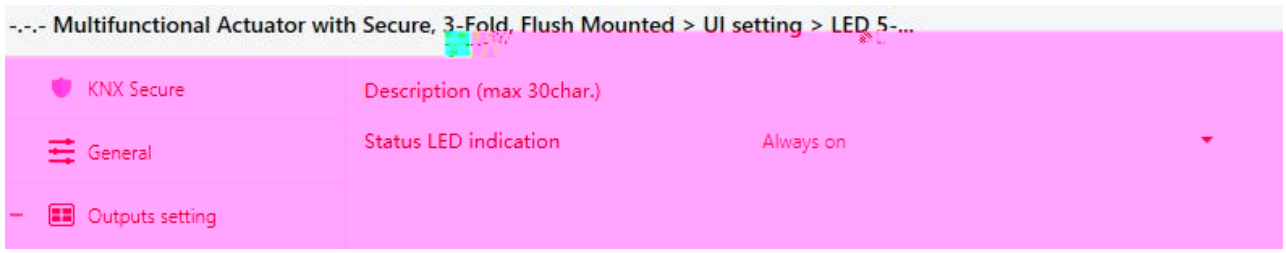
.11.

k

k


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > U


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > UI setting > LED 5-...
General
Outputs setting
Status LED indication
External object datatype
1 Bit
1 Byte


-.-.- Multifunctional Actuator with Secure, 3-Fold, Flush Mounted > UI setting > LED 5-...
KNX Secure
Description (max 30char.)
General
Status LED indication
Always on
Outputs setting

k

k

1

1

0/1 ,

k

k

1...2

,

k

,

k

,

k

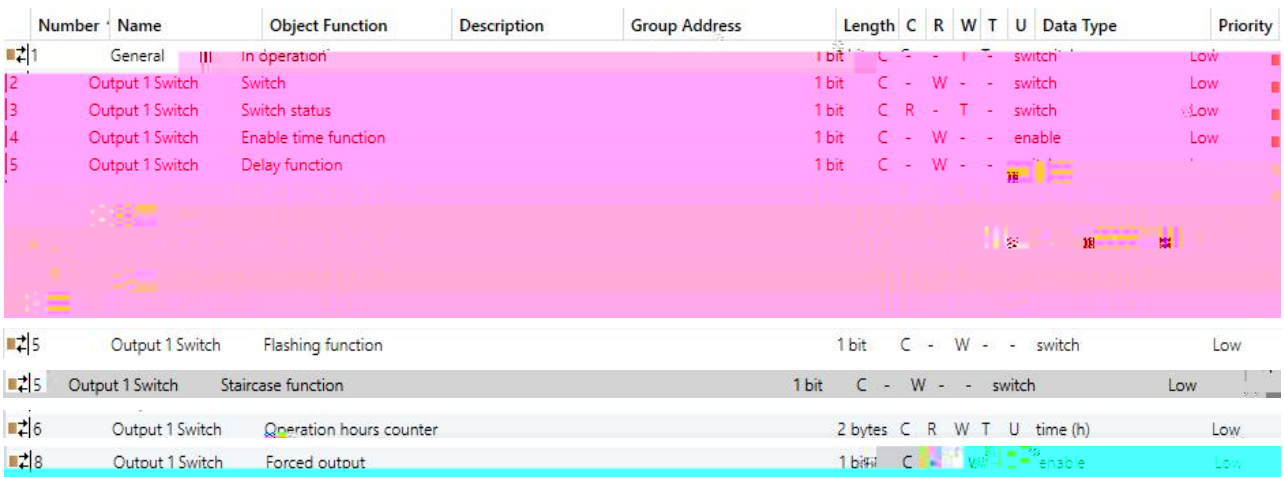
k

k

k

.1.

.1.1 --



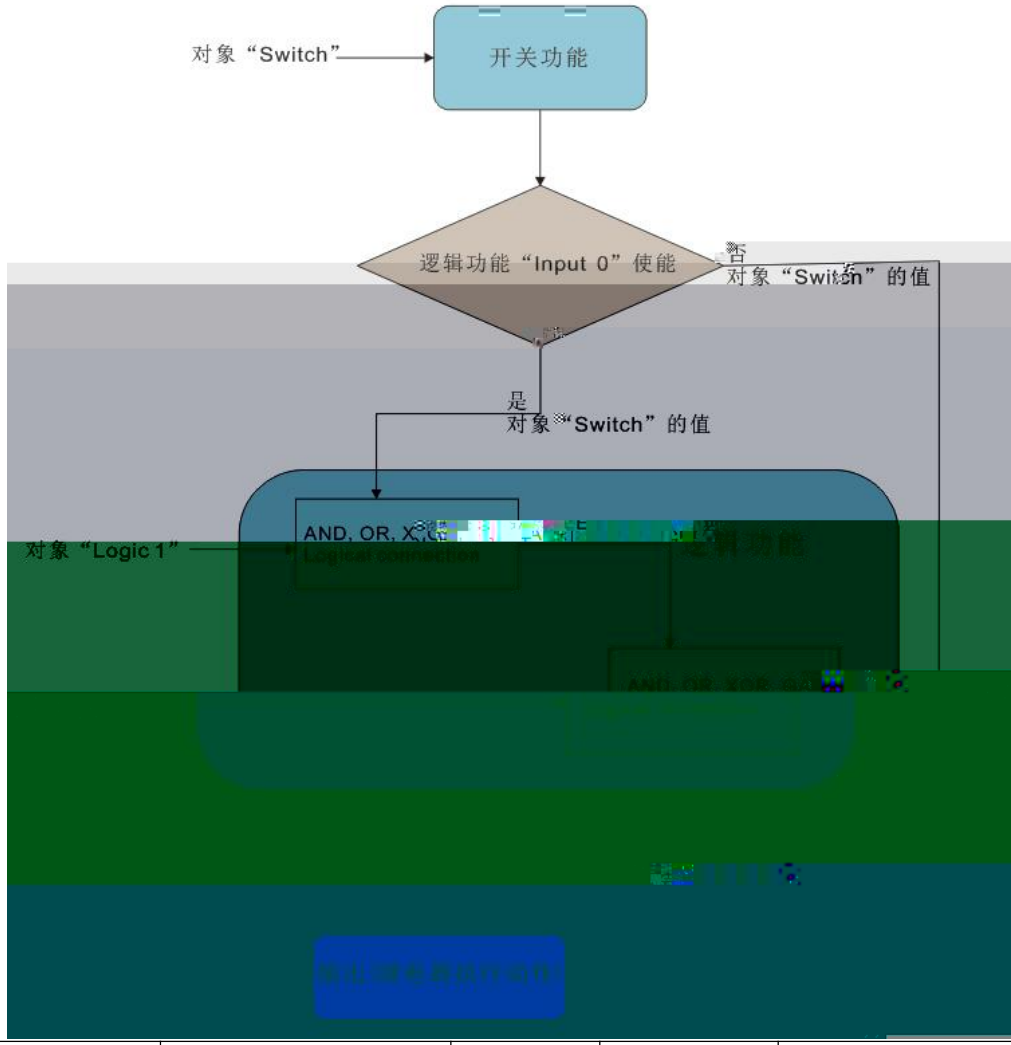
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
1	General	In operation			1 bit	C	-	-	T	-	switch	Low
2	Output 1 Switch	Switch			1 bit	C	-	W	-	-	switch	Low
3	Output 1 Switch	Switch status			1 bit	C	R	-	T	-	switch	Low
4	Output 1 Switch	Enable time function			1 bit	C	-	W	-	-	enable	Low
5	Output 1 Switch	Delay function			1 bit	C	-	W	-	-		
5	Output 1 Switch	Flashing function			1 bit	C	-	W	-	-	switch	Low
5	Output 1 Switch	Staircase function			1 bit	C	-	W	-	-	switch	Low
6	Output 1 Switch	Operation hours counter			2 bytes	C	R	W	T	U	time (h)	Low
8	Output 1 Switch	Forced output			1 bit	C					enable	Low

1 **1** **,** **1.001**

□ k

2

k



			1	, ,	1.001

k

k

			1	,	1.00

k

k

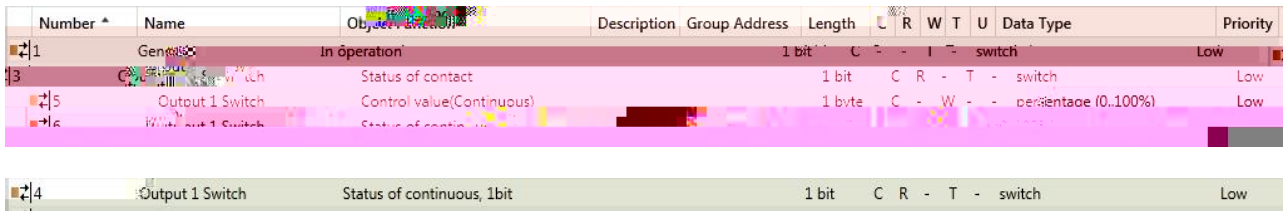
k

			1	,	1.001

k k k					
	1	**1**	**,**	**1.002**	
					k
10	**2**	**1**	**,**	**1.002**	
					k

.1.2 -- ( )



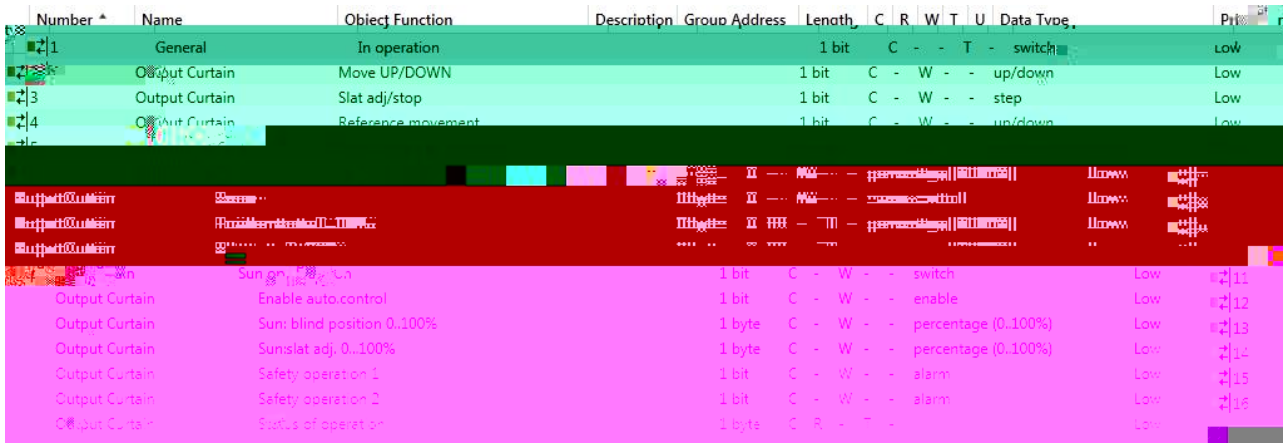


2 - **1** , **1.001**

k

1 , , **1.001**

.2.


Number
Name
Object Function
Description
Group Address
Length
C
R
W
T
U
Data Type
Pri
1
General
In operation
1 bit
switch
Low
Output Curtain
Move UP/DOWN
1 bit
up/down
Low
3
Output Curtain
Slat adj/stop
1 bit
step
Low
4
Output Curtain
Reference movement
1 bit
up/down
Low
Output Curtain
Enable auto.control
1 bit
enable
Low
12
Output Curtain
Sun: blind position 0..100%
1 byte
percentage (0..100%)
Low
13
Output Curtain
Sun:slat adj. 0...100%
1 byte
percentage (0..100%)
Low
Output Curtain
Safety operation 1
1 bit
alarm
Low
15
Output Curtain
Safety operation 2
1 bit
alarm
Low
16

2 / 1 , 1.00

		0 100%			
k k					
		0 100%	1	,	.001
k					
			1	,	1 .001
k k k k k					
		0..100%	1	, ,	.001

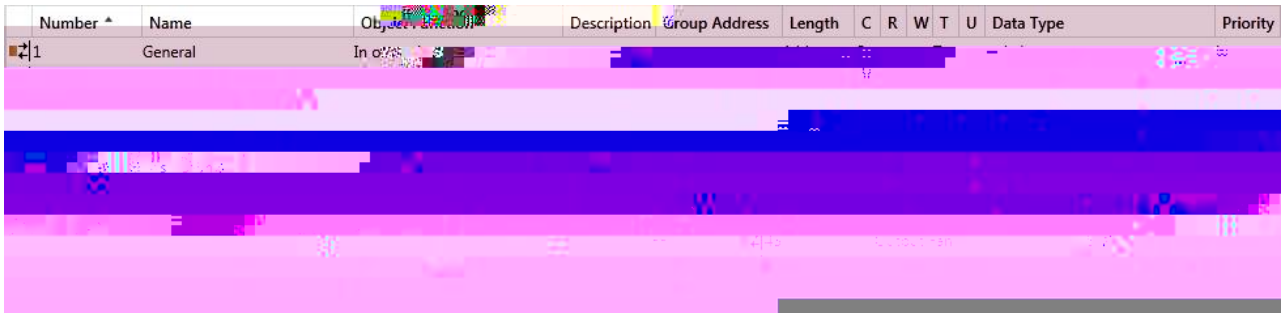
k

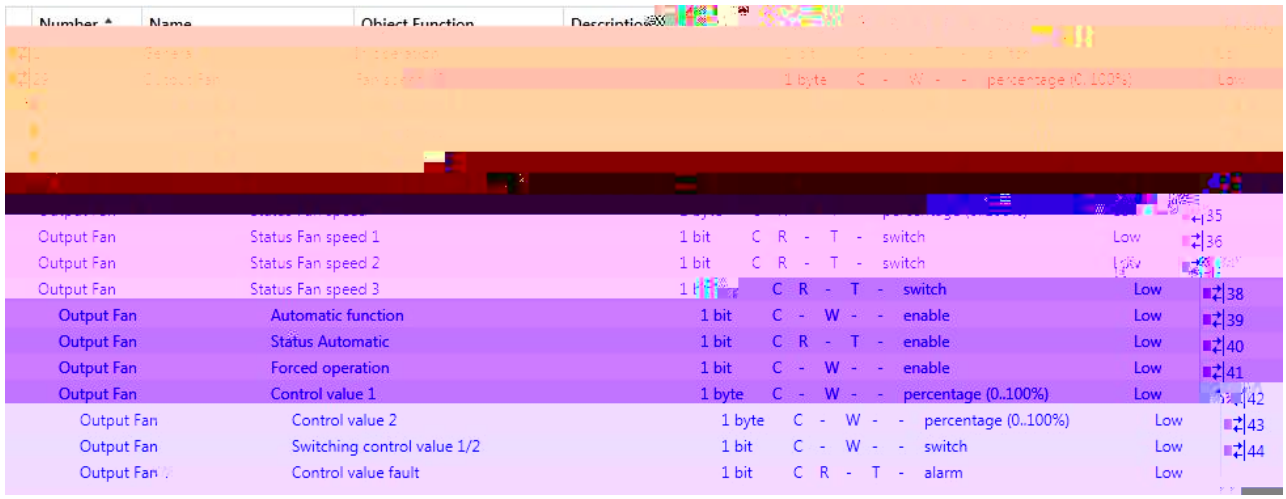
k

0..100% 1 , ,

1 /1		**1/2**	**1**	**,**	**1.00**
k k k					
1			**1**	**, ,**	
k k					

. .





2			**1** **1**	**,**	**1.001** **.001**
k k k					
0		**1**	**1**	**,**	**1.001**
k k					

k

1		2	1	,	1.001
2			1	,	1.001
		/	1	, ,	1.001

k k

			1	, ,	.010

k

k

k

		1	1	, ,	1.001

k

k

		2	1	, ,	1.001
			1	, ,	1.001
			1	,	1.00

k

k k

k k

1 , , 1.00

k

□ □□□□ □

□□ □□□□□

□ □ □ □□□□□

		k			
			1	**, ,**	**1.00**
	k				k

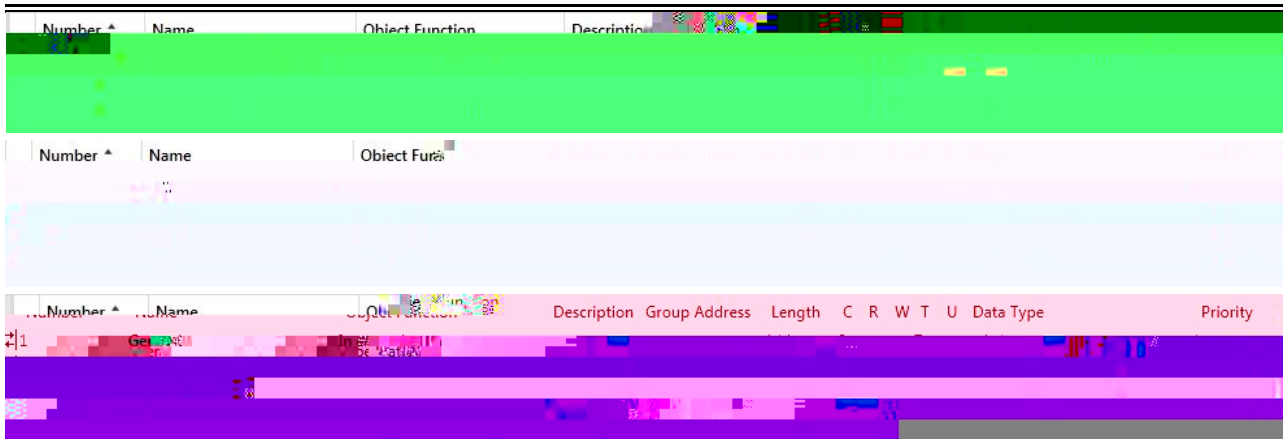
k					
0/		, /	1	,	1.00
k					
1/		, /	1	, ,	1.00
k			k		

. .





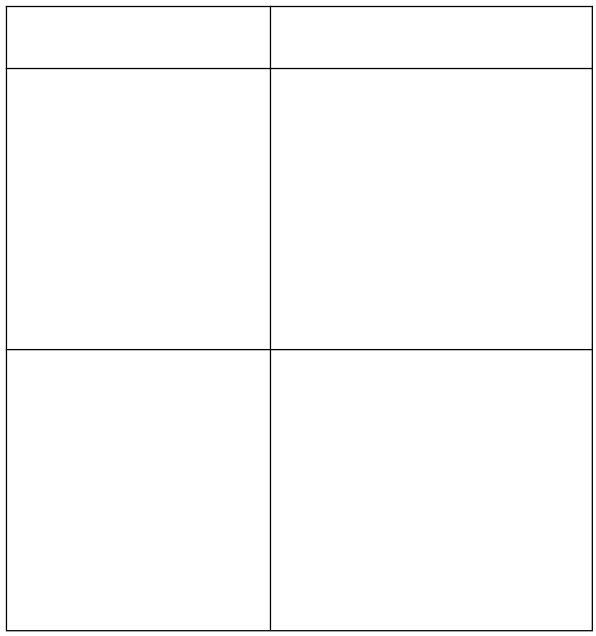



Number
Name
Object Function
Description
Number
Name
Object Fun
Number
Name
Description
Group Address
Length
C
R
W
T
U
Data Type
Priority
1

	,		1	, , ,	1.001
	,		1	, , ,	1.001
	,		1	, , ,	1.001
k , ,					
	,			, ,	.00
k k					
	, 1 /2 / /1 /2		1 2	,	1.001 2.001
	, 1 /2 / /1 /2		1	,	.00 .010
	, 1 /2 / /1 /2		2	,	.001
	, 1 /2 / /1 /2			,	
k					
			1	,	1 .001
	,		1	,	1 .001
	,		1	,	1 .001
	,		1	,	1 .001
	,		1	,	1 .001

k k

k



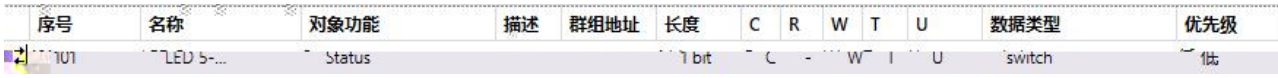
k

k

	/ ,		1	, ,	1.00 /
k					
	/ ,		1	, ,	1.00
k					
			1	,	.010
k					
/	- /		1	, ,	1.001

/ / 0/	- / - - -		1 1 1 1	, , , , ,	1.00 / 1 .001 .001 .010
k					
	,		1	,	1.001
	,			,	.00
	,		1	,	.010
k					
1			1	,	1.00
k					

. .



序号	名称	对象功能	描述	群组地址	长度	C	R	W	T	U	数据类型	优先级
101	LED S-...	Status			1 bit	C	-	W	T	U	switch	低

101		**- ...**	**1** **1**	**, , ,**	**1.001** **.010**
					k