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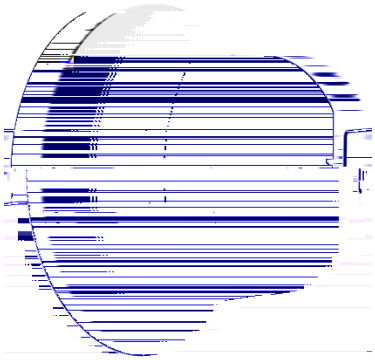
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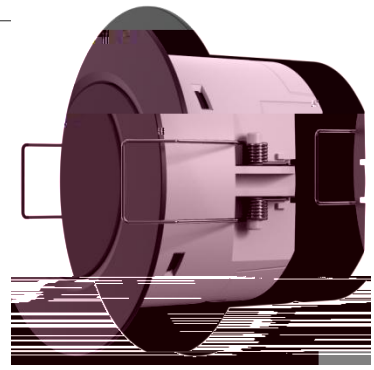
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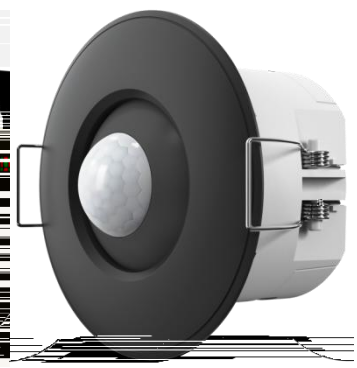
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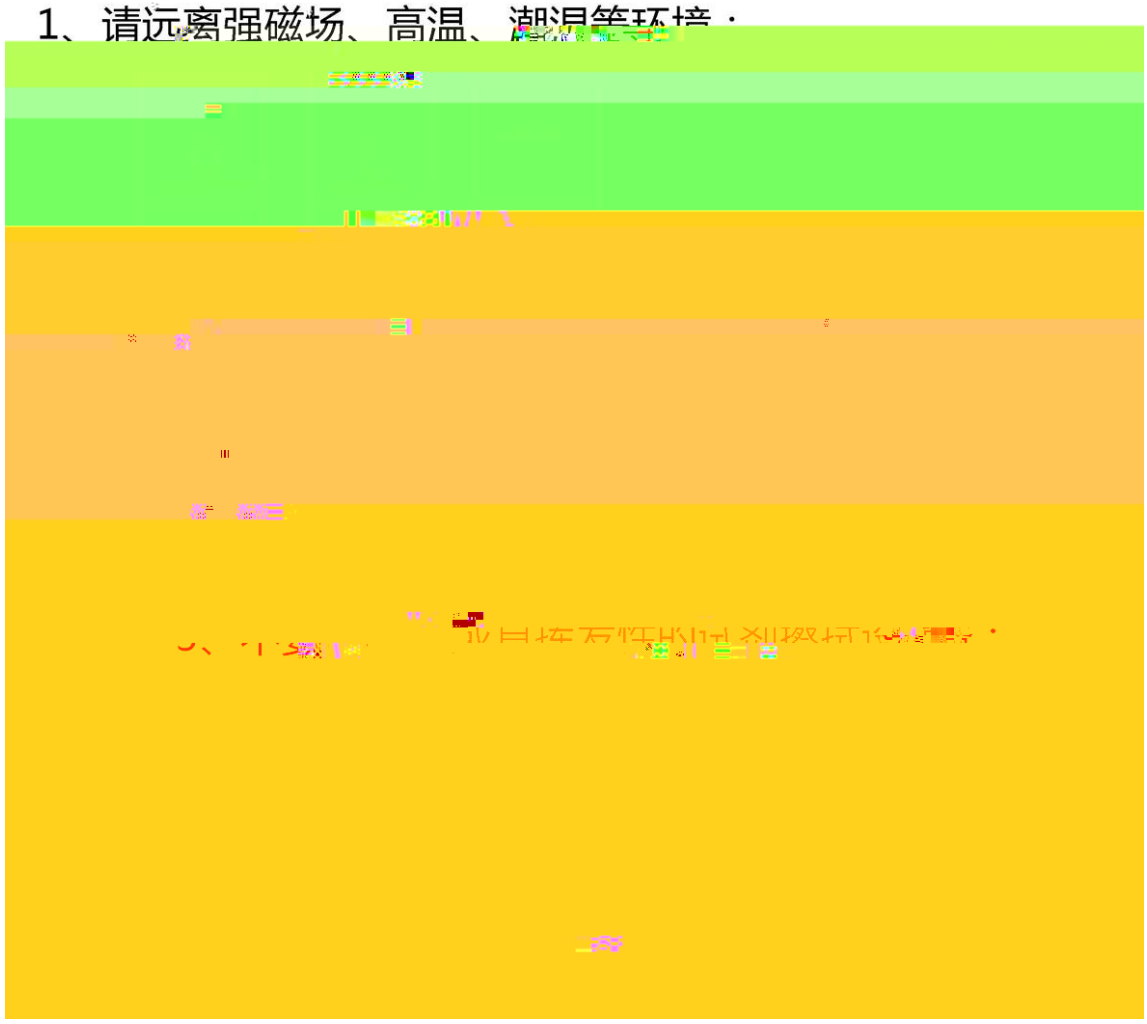


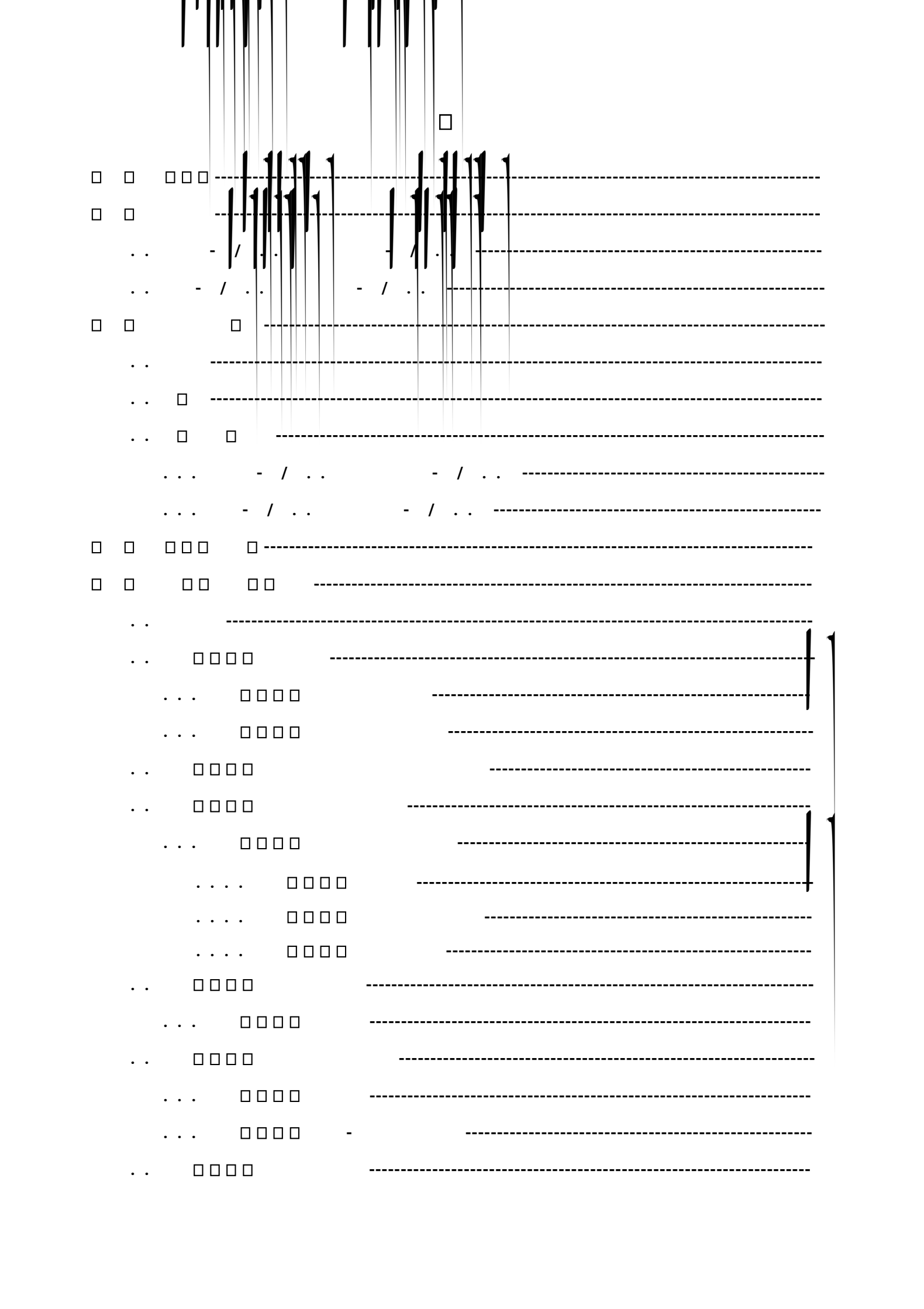


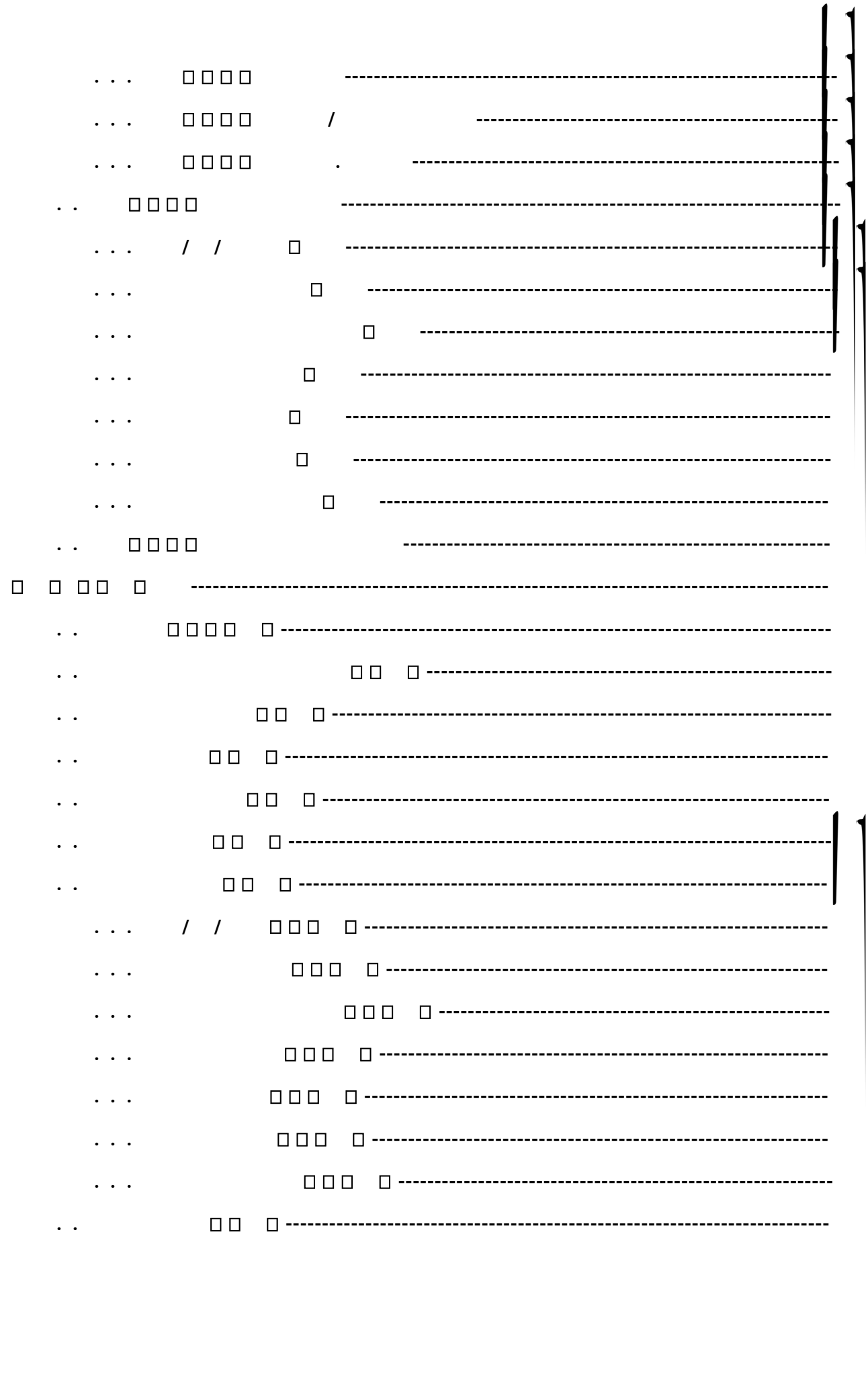
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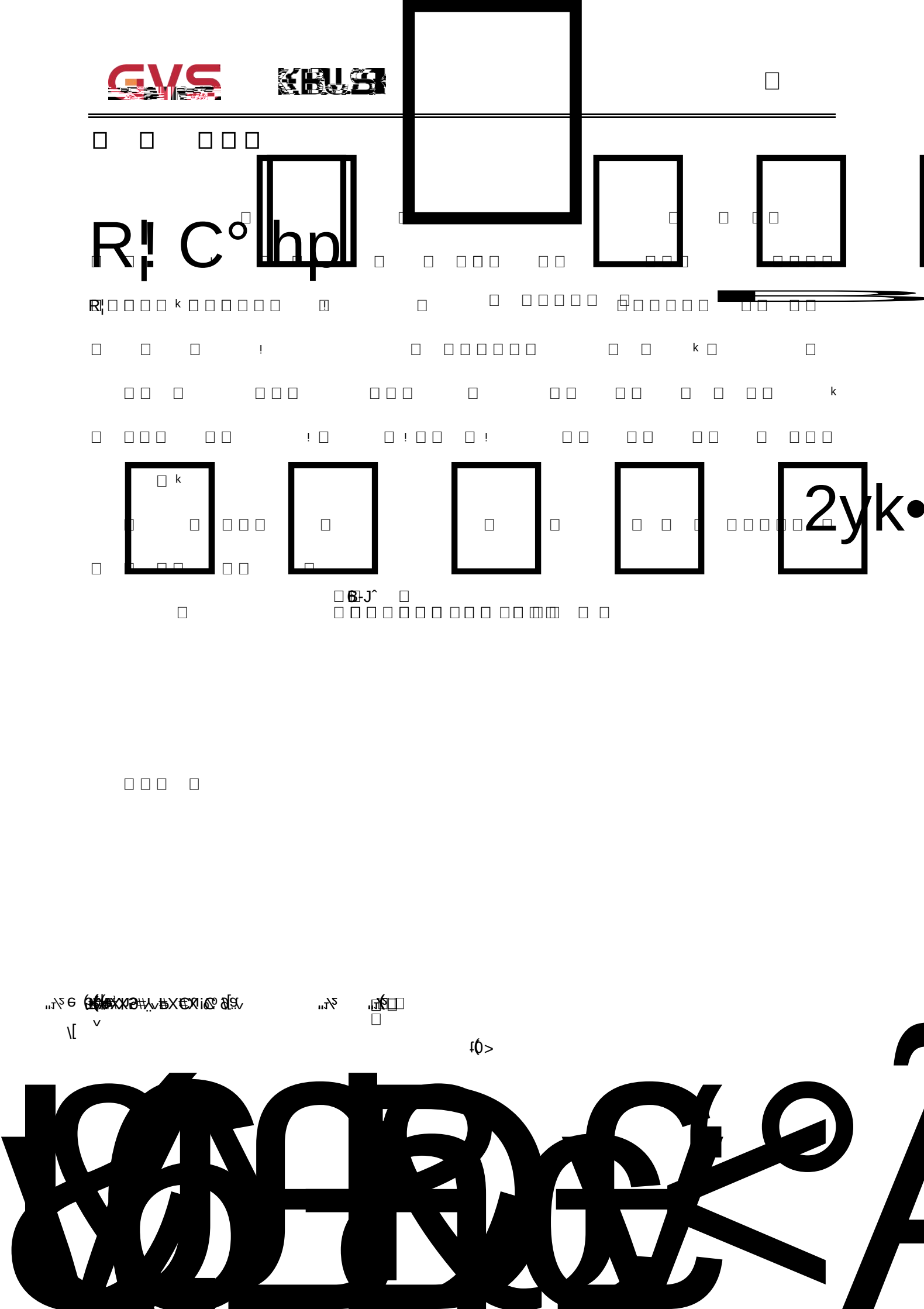
注意事项

1、请远离强磁场、高温、潮湿等环境；









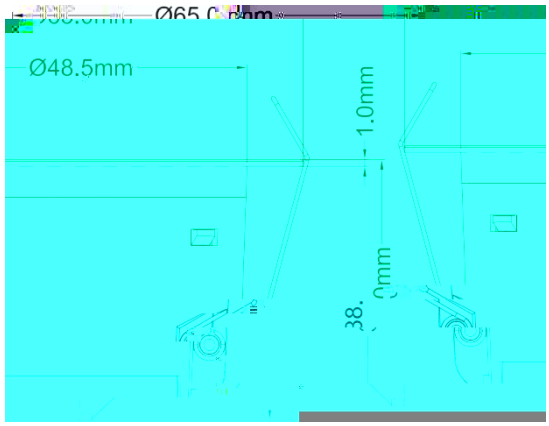
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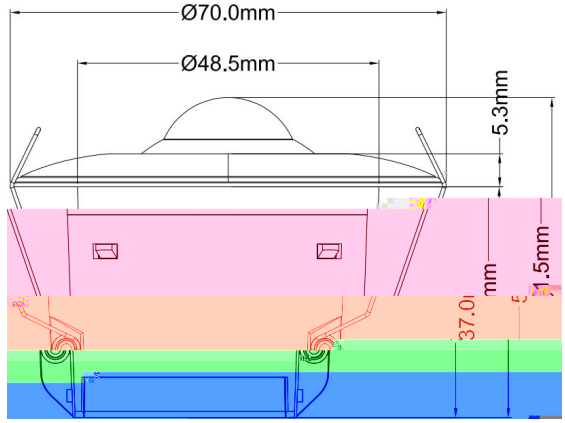
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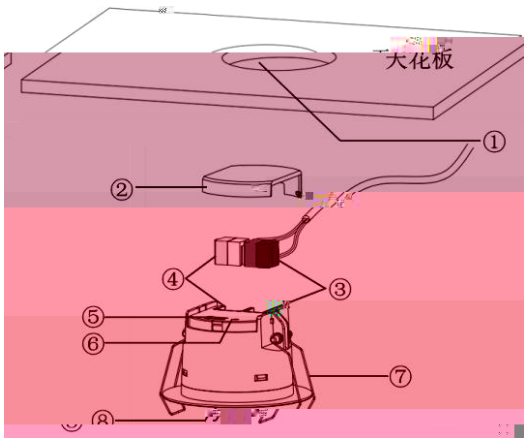
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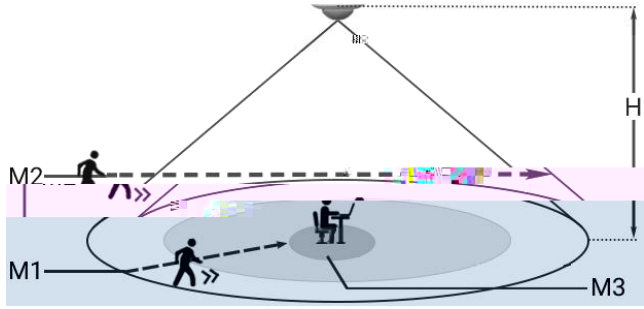
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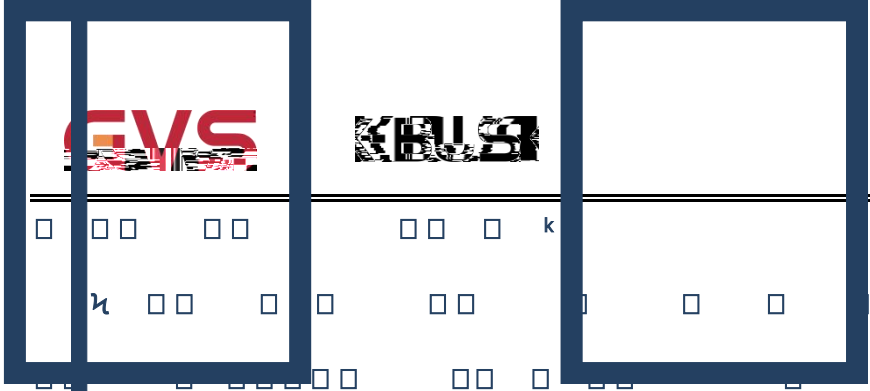

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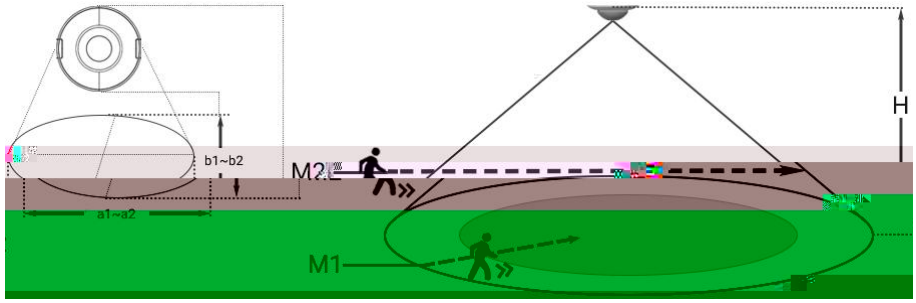
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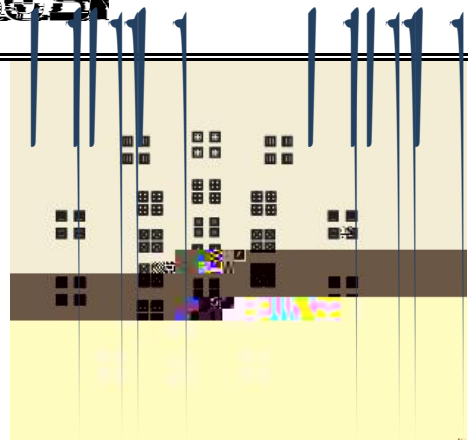
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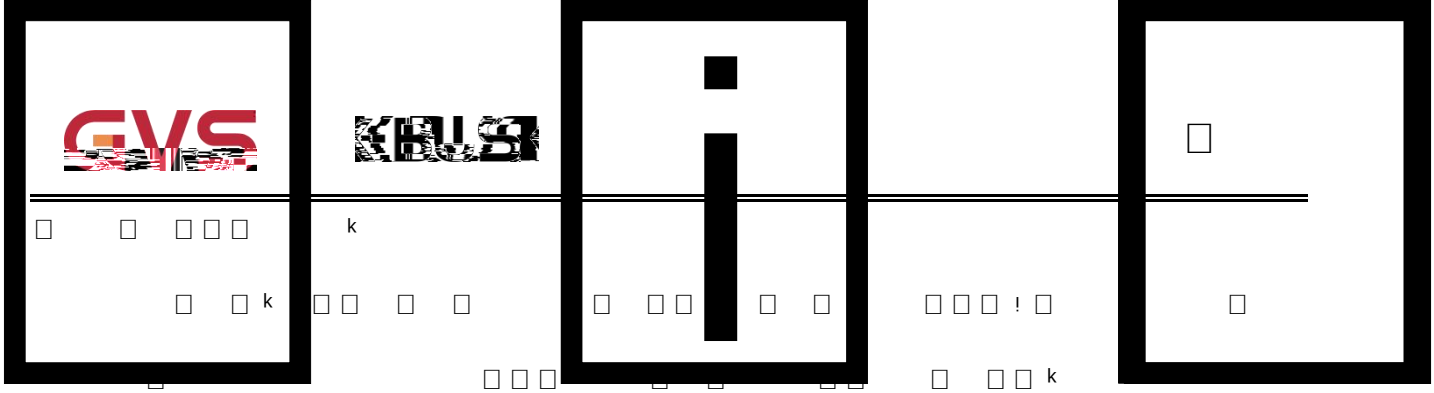
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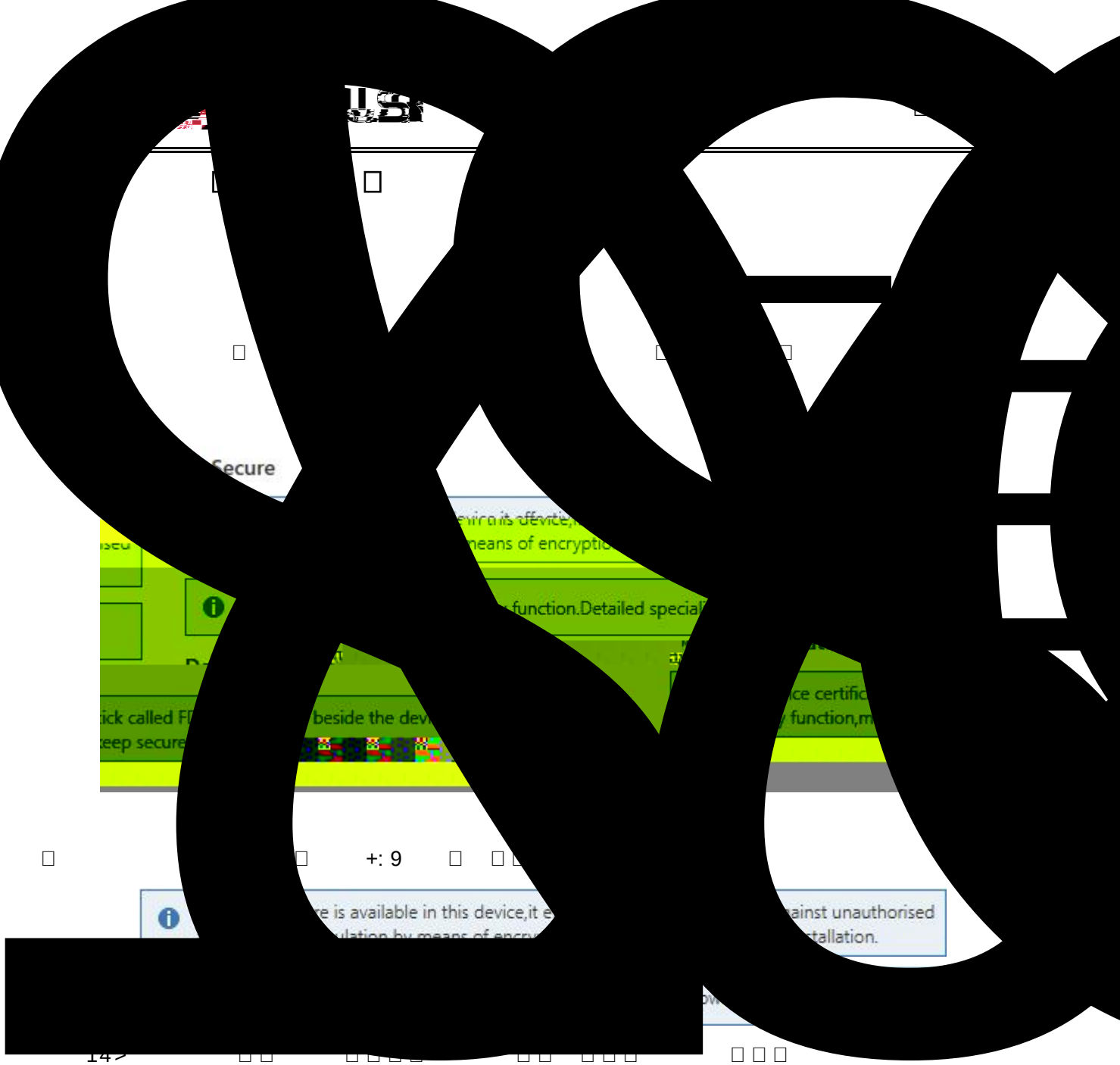
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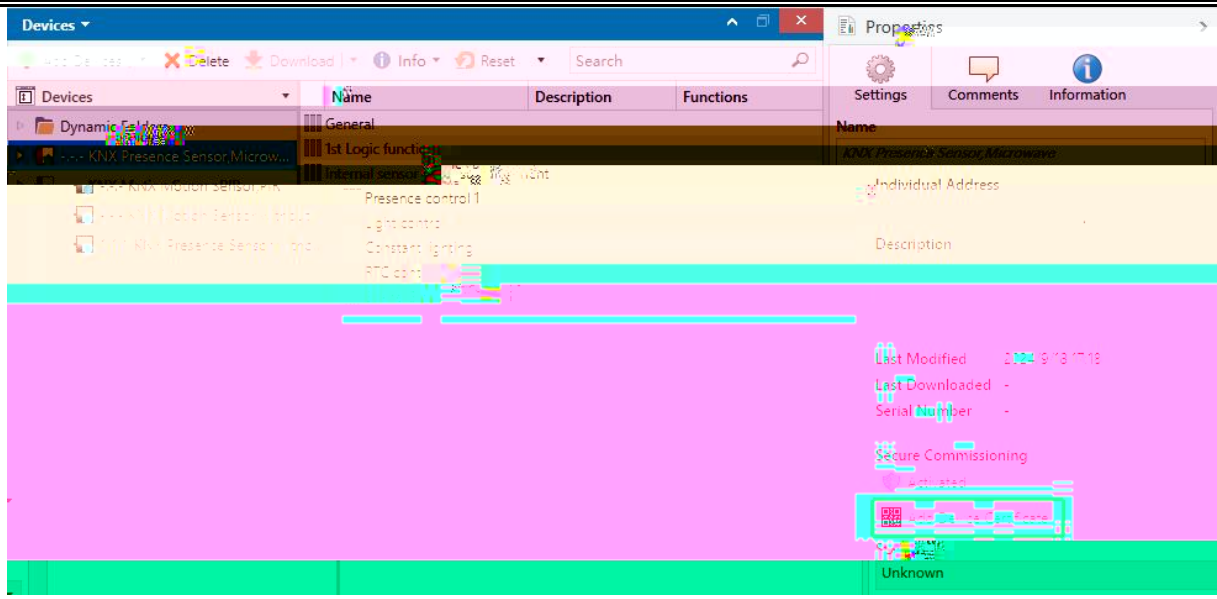
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Adding Device Certificate
This device supports secure commissioning.
If you have the certificate of the d available, you can scan the QR code or enter it now.
No camera found!
ACCSUE - YA4P5P - KJAV5P - TNYIBQ - JQ


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Device takes about 20 seconds to wait sensor stability after voltage recovery
Send delay after voltage recovery [0..15]
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s
end cycle of "In operation" telegram
..240,0=inactive]
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unction
Night mode
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Sensitivity of
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Device takes about 20 seco
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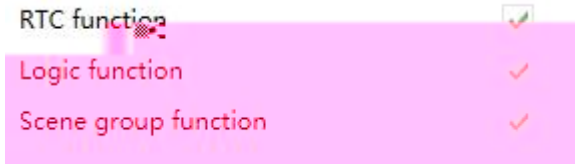
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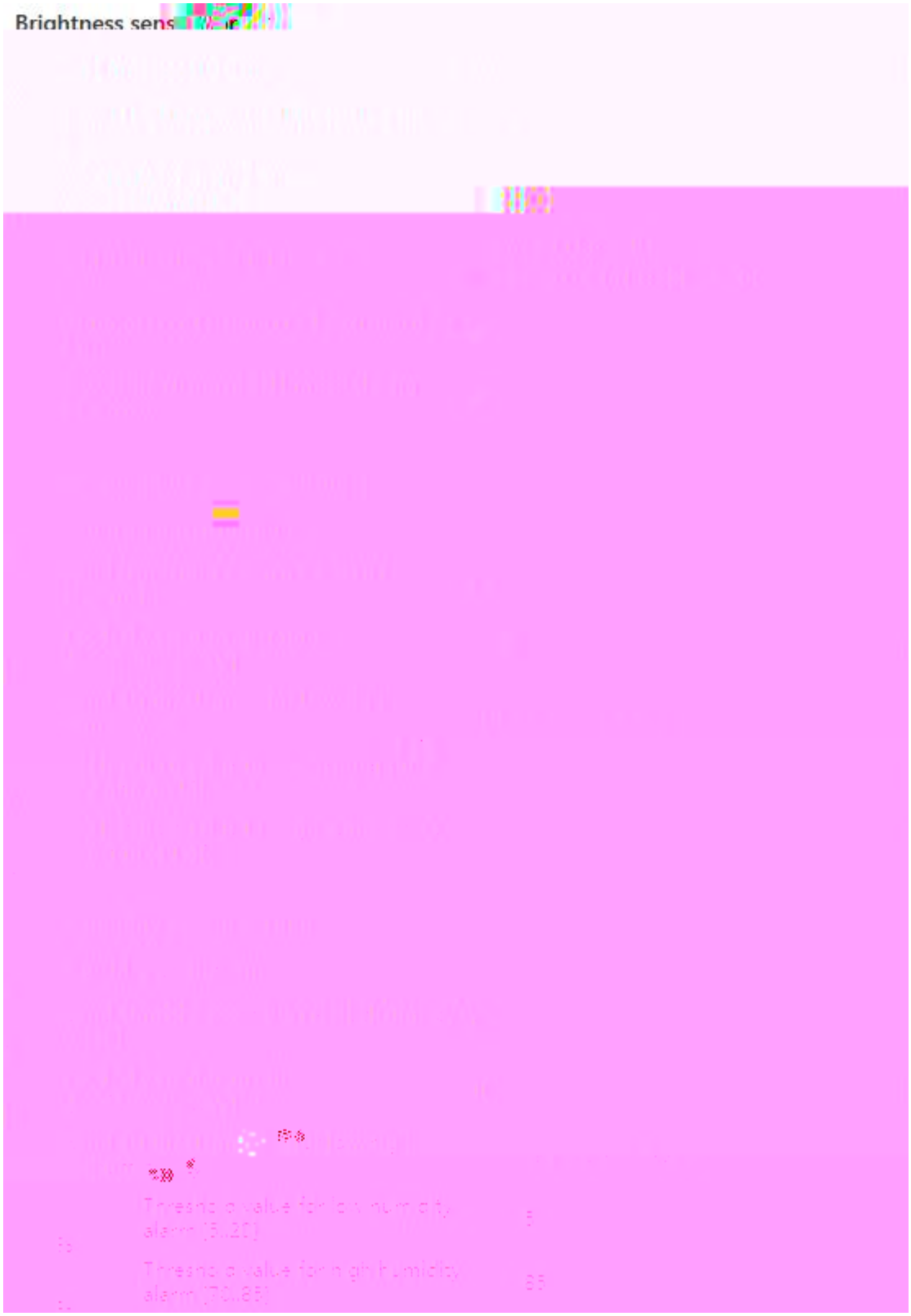
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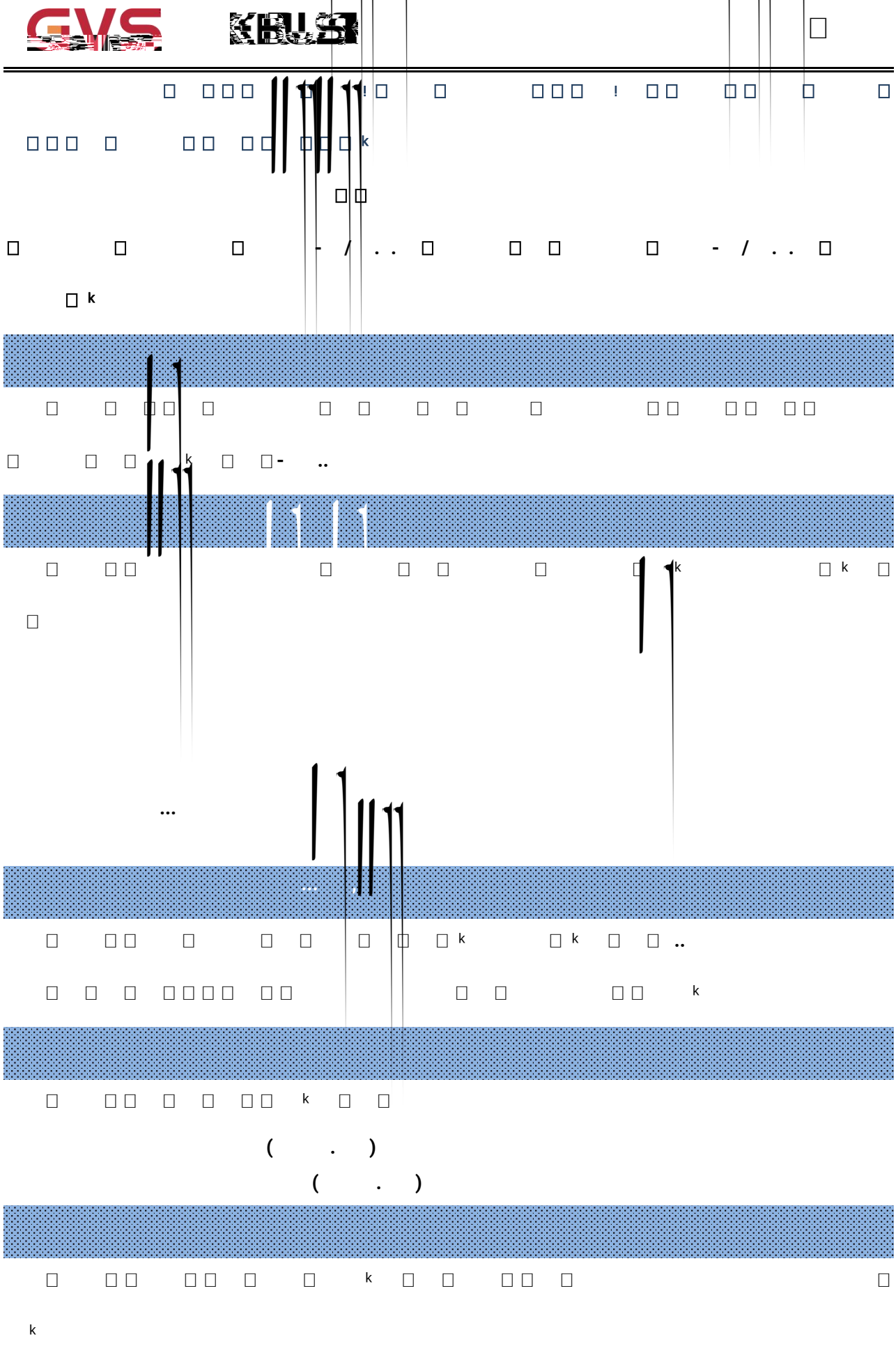


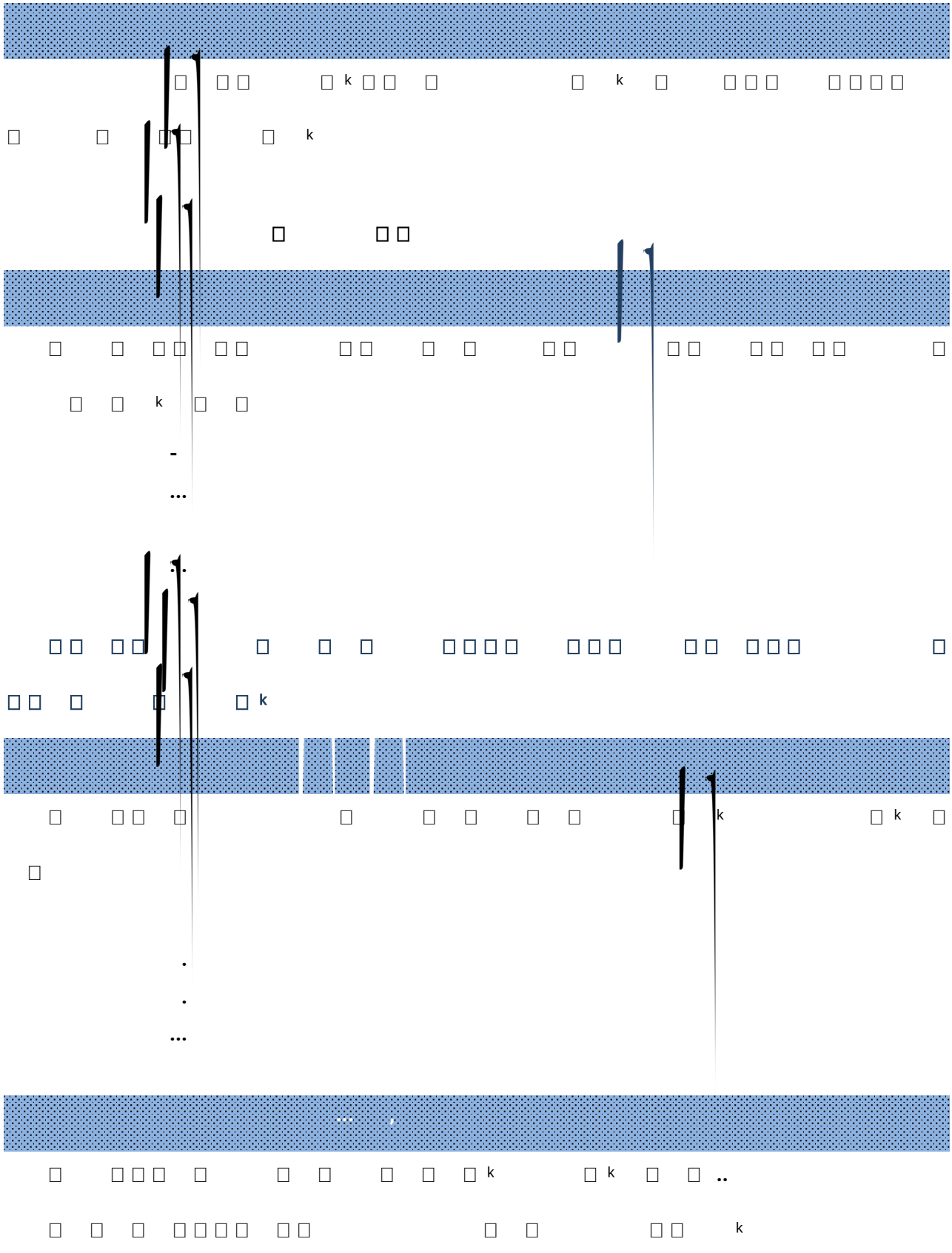
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Brightness sens
Threshold value for low humidity alarm (5..20)
Threshold value for high humidity alarm (70..95)





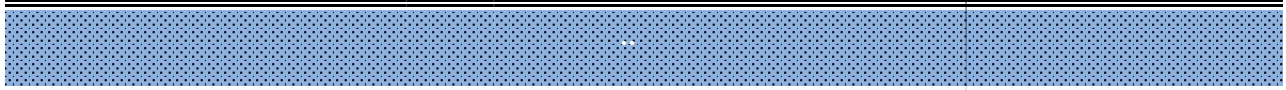
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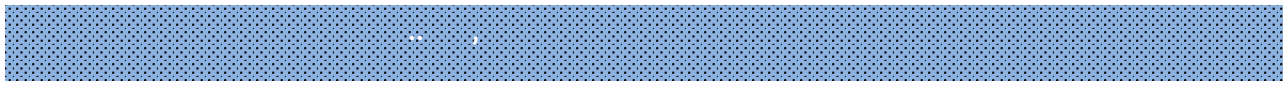
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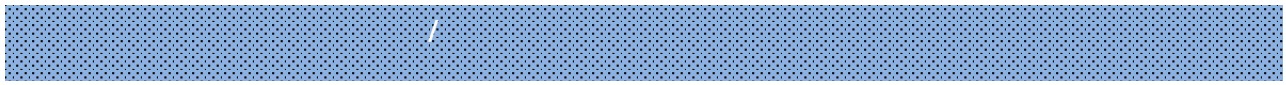
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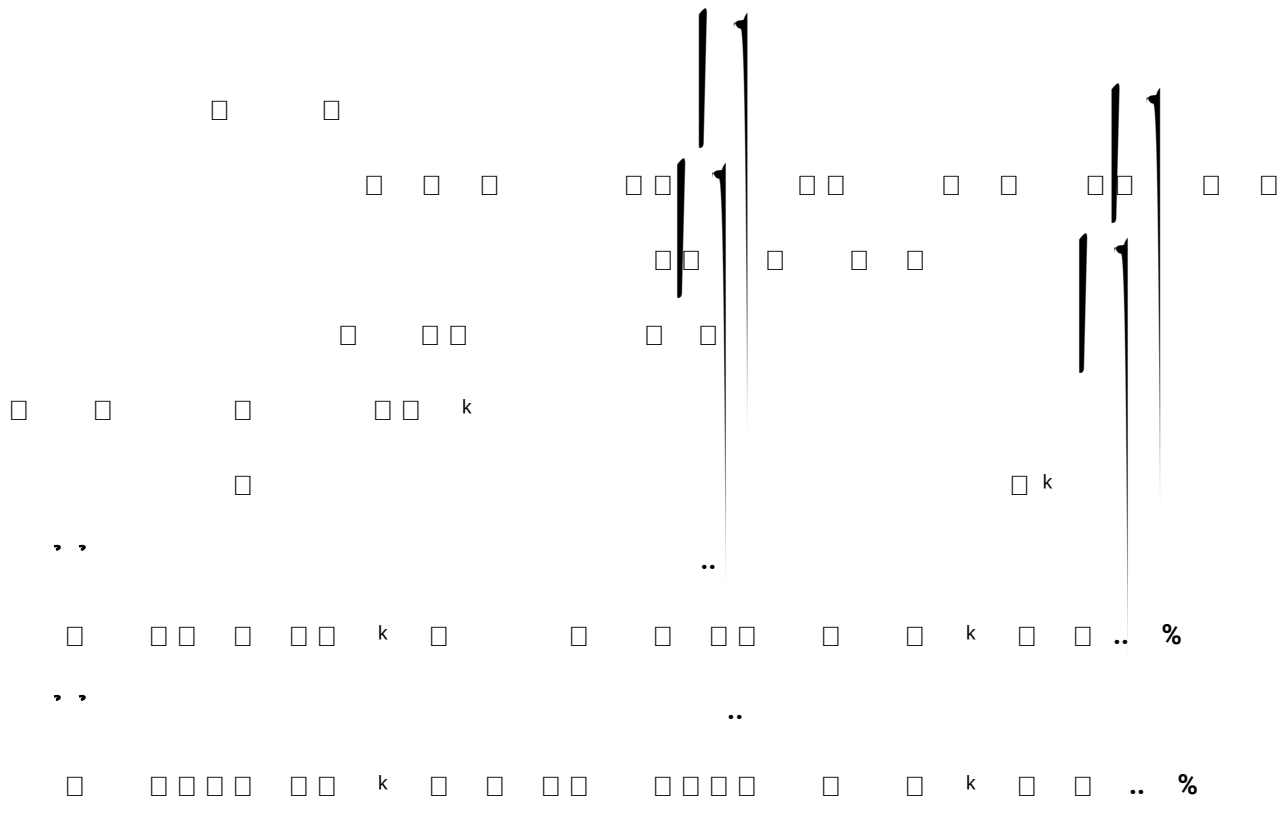
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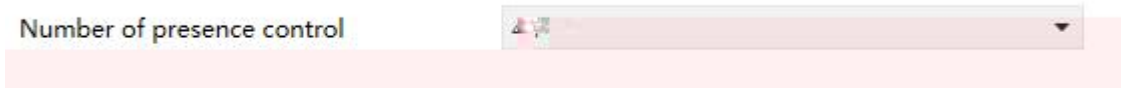


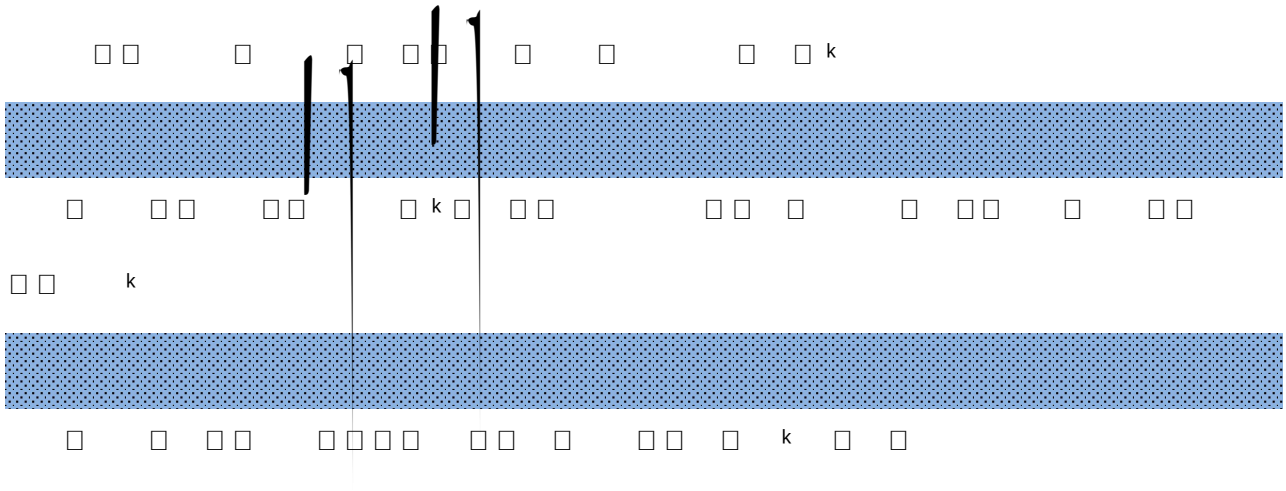






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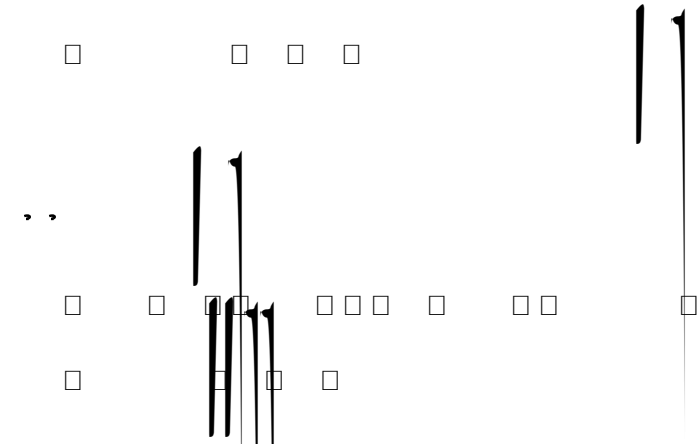

Number of presence control

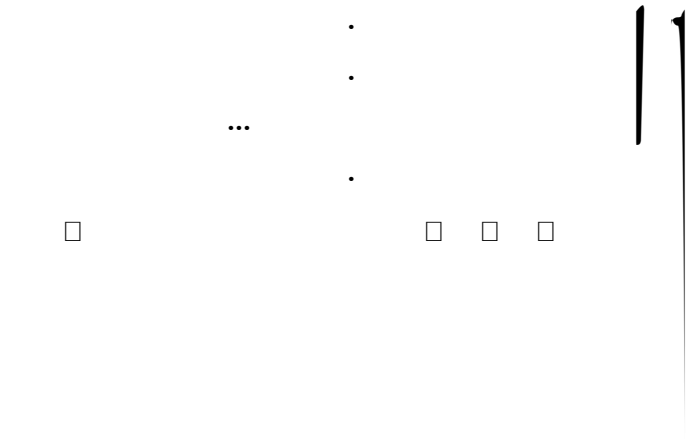


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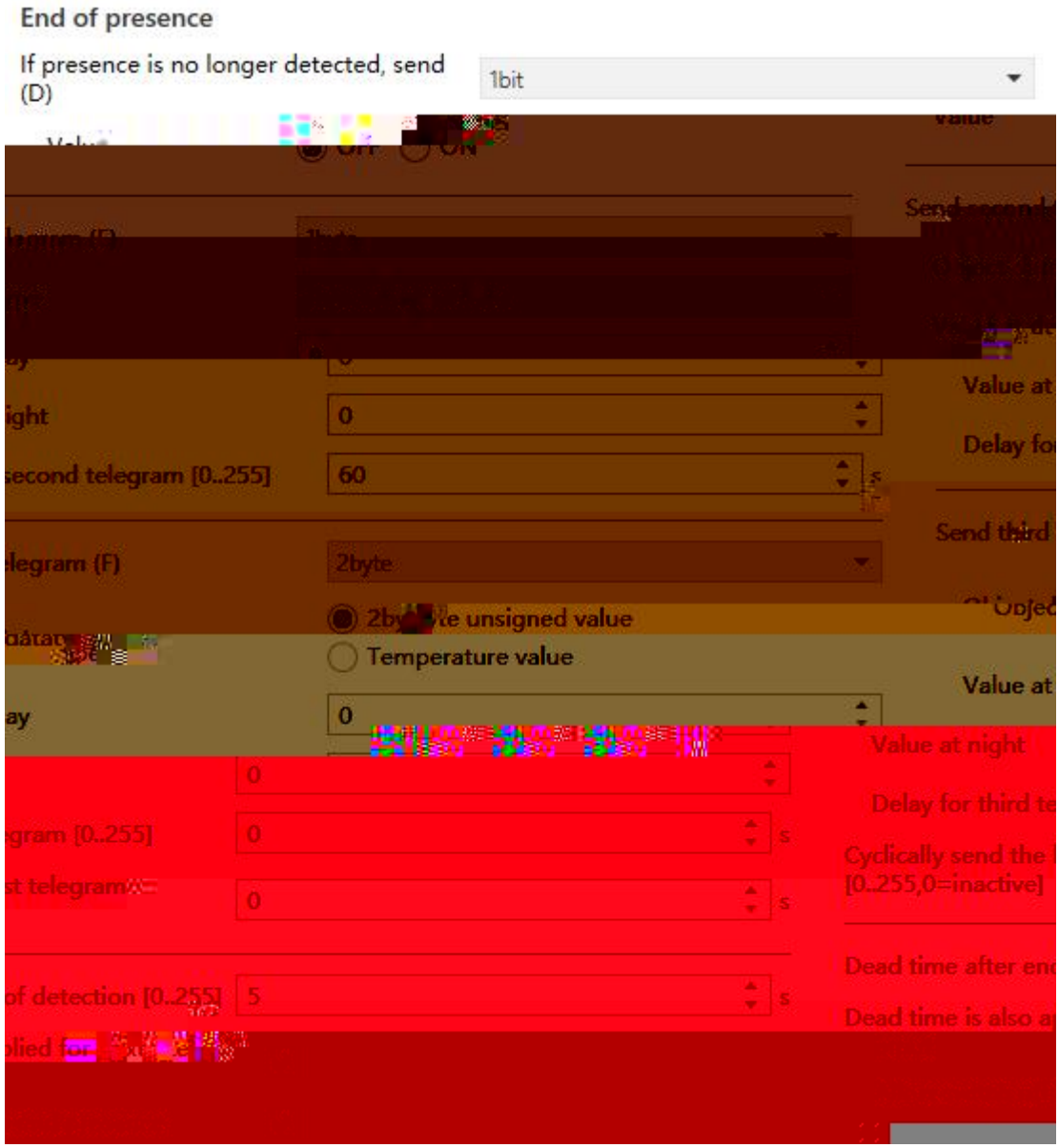




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Begin of presence
Value
OFF
ON
Value
OFF
ON
Detect min. delay time for telegram B
[0..255,0=inactive]
60
s


End of presence
If presence is no longer detected, send (D)
1bit
ight
0
econd telegram [0..255]
60
legram (F)
2byte
Temperature value
ay
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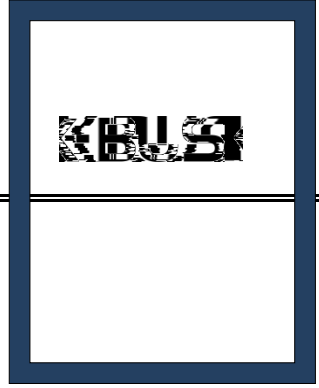
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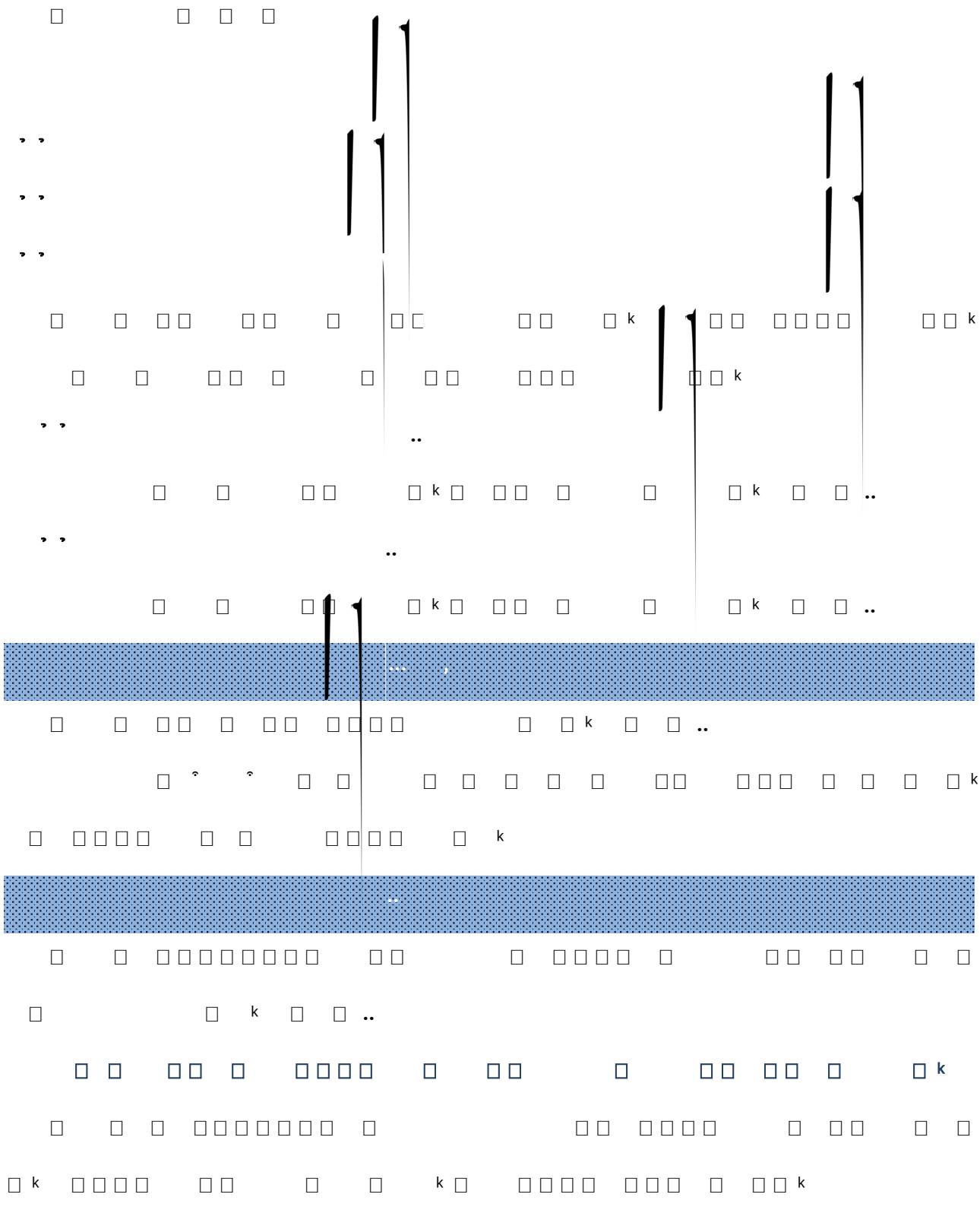
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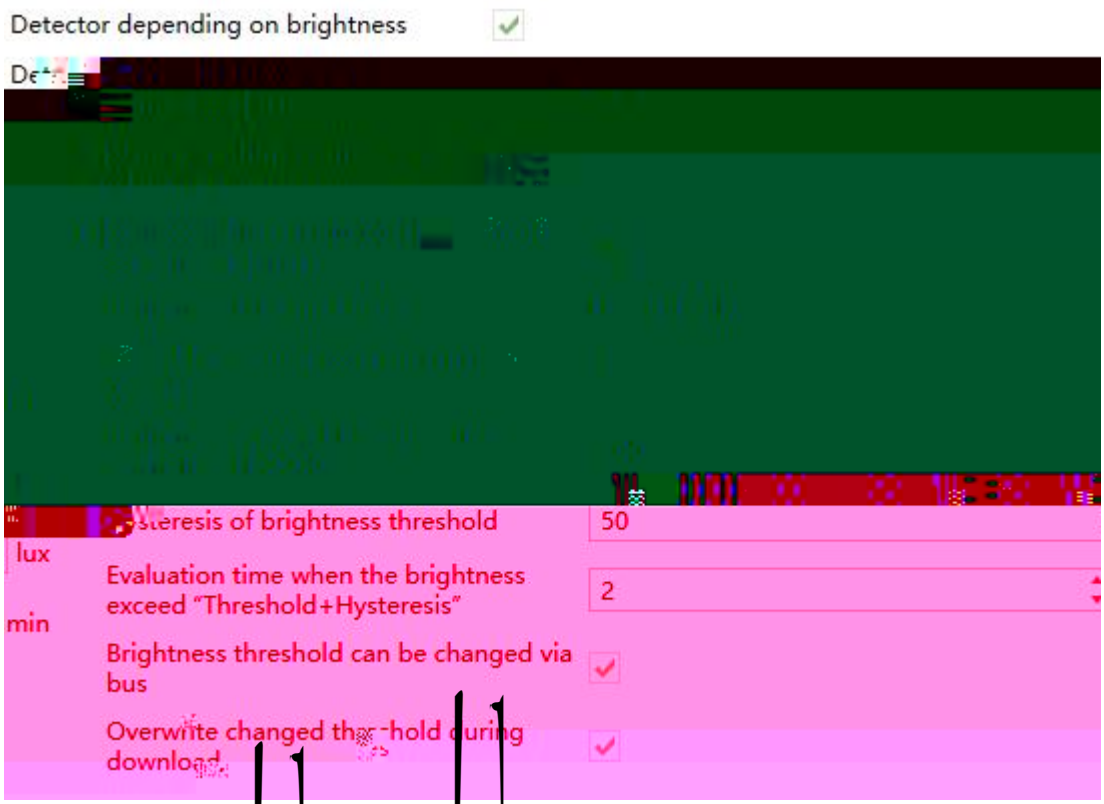




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Detector depending on brightness
Hysteresis of brightness threshold
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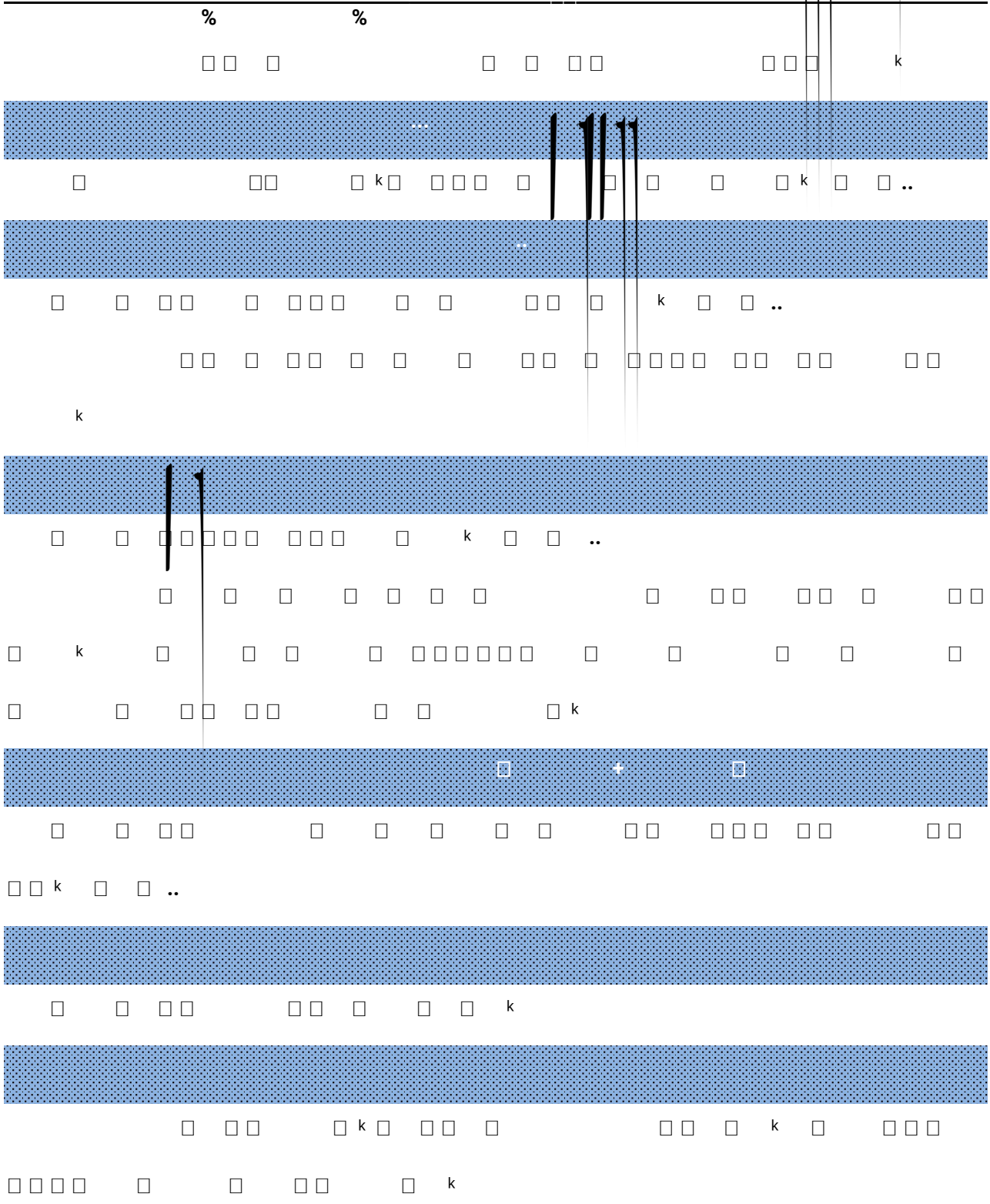
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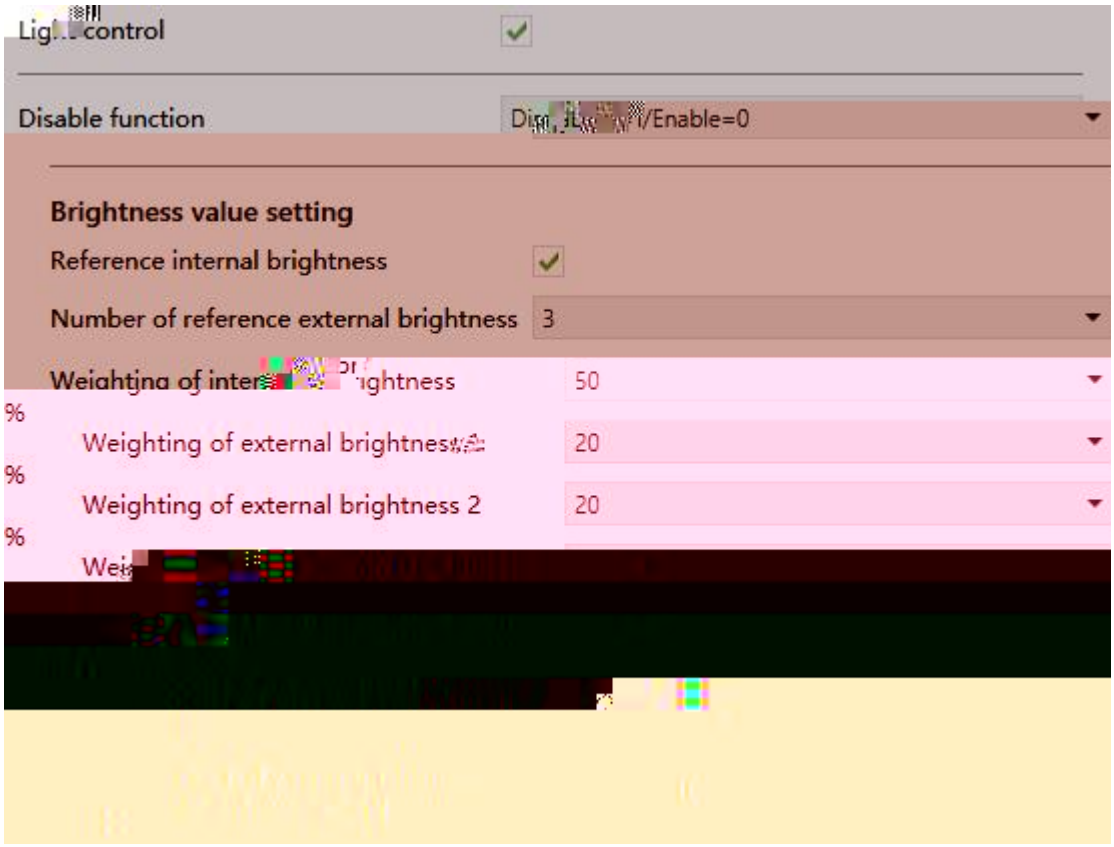

Detector depending on brightness
Detector can be inde
External only
Period for request external sensor [0..2
5
min
Brightness threshold for presence evaluation [1..2000]
300
lux
Hysteresis of brightness threshold
50
lux
Evaluation time when the brightness exceed "Threshold+Hysteresis"
2
min
Brightness threshold can be changed via bus
Overwrite changed threshold during download

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control
Disable function
/Enable=0
Brightness value setting
Reference internal brightness
Number of reference external brightness
3
50
%
Weighting of external brightness
20
%
Weighting of external brightness 2
20
%

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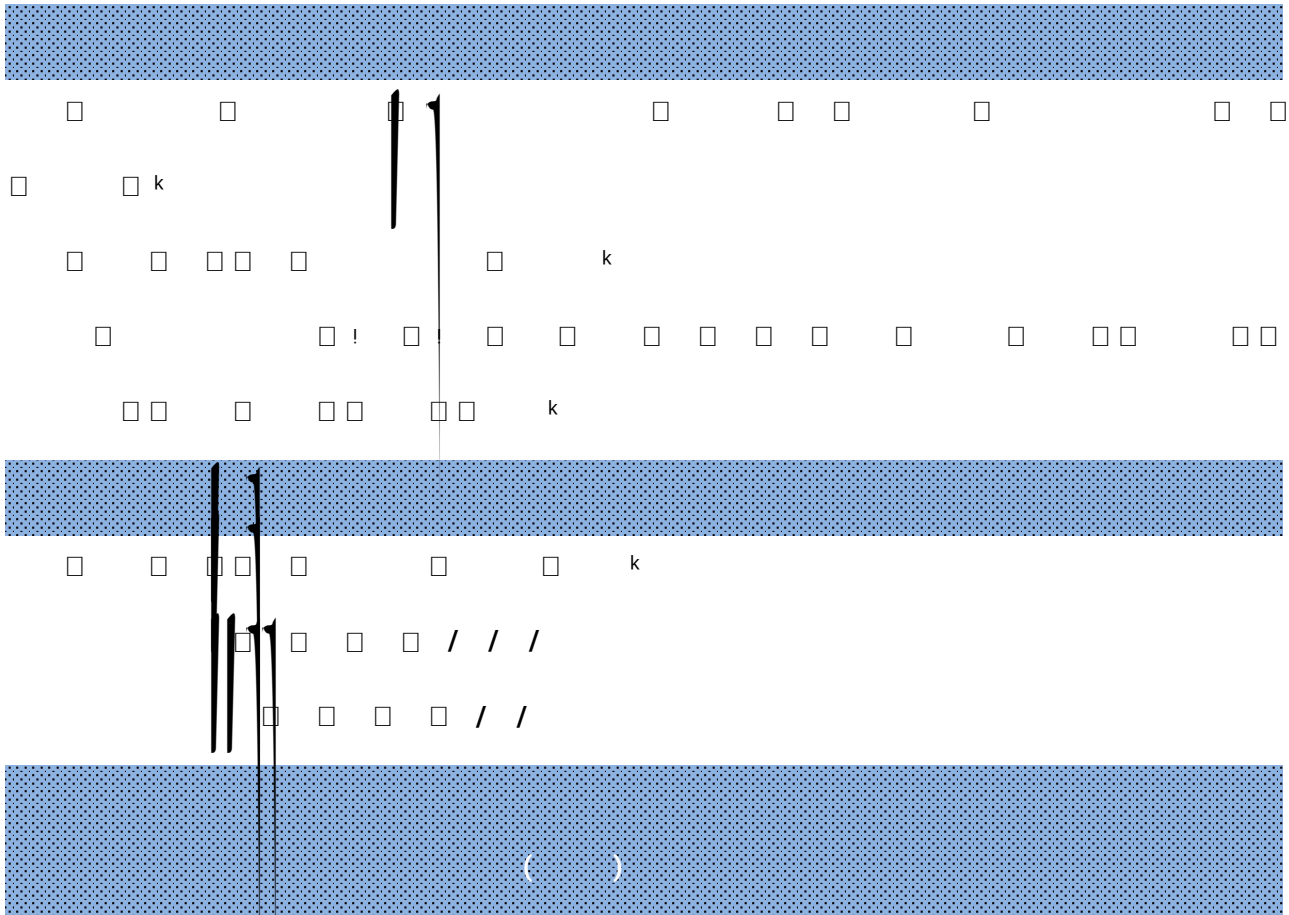
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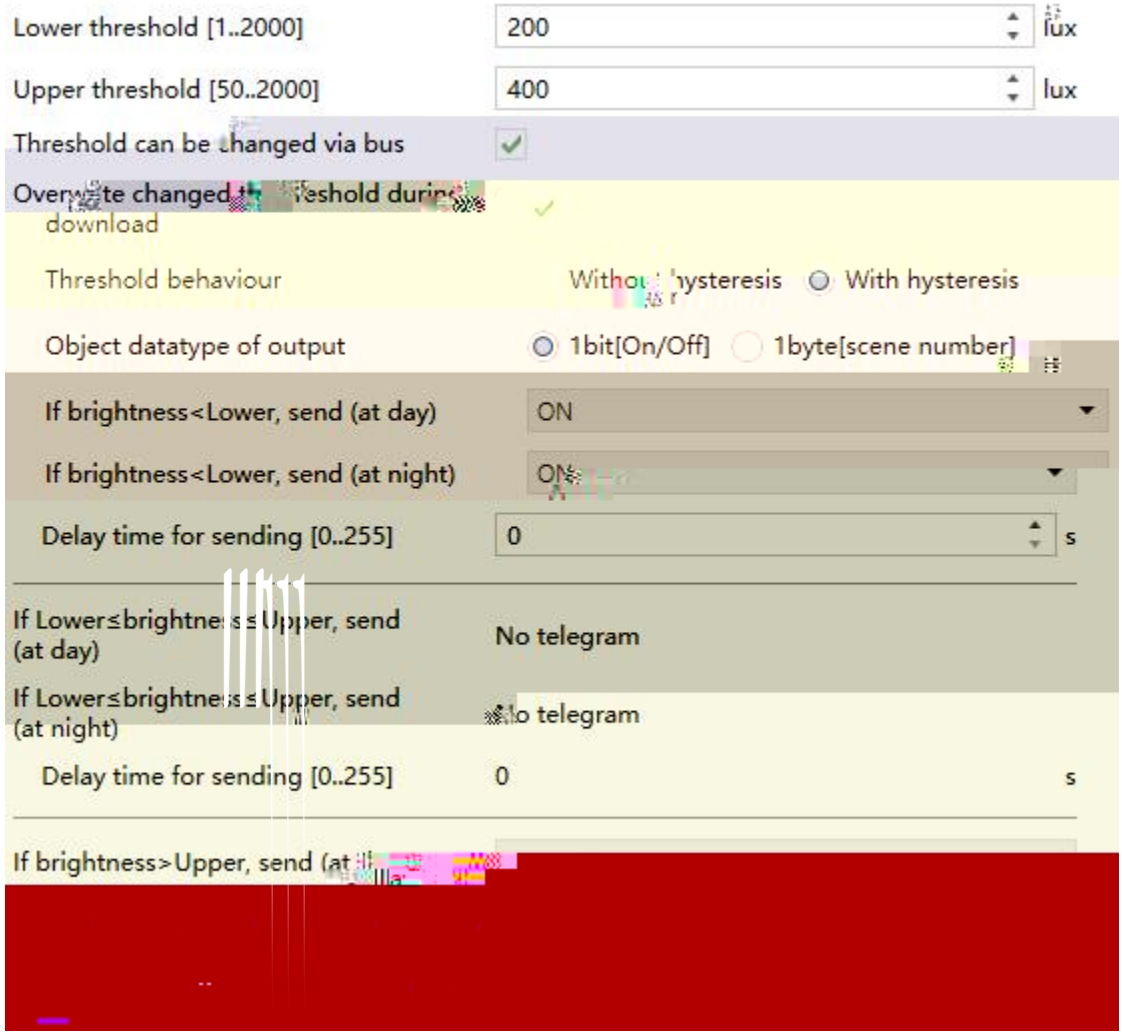
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Lower threshold [1..2000]
200
lux
Upper threshold [50..2000]
400
lux
Threshold can be changed via bus
download
Threshold behaviour
With hysteresis
Object datatype of output
1bit[On/Off]
1byte[scene number]
If brightness<Lower, send (at day)
ON
If brightness<Lower, send (at night)
Delay time for sending [0..255]
0
s
No telegram
(at night)
0
s

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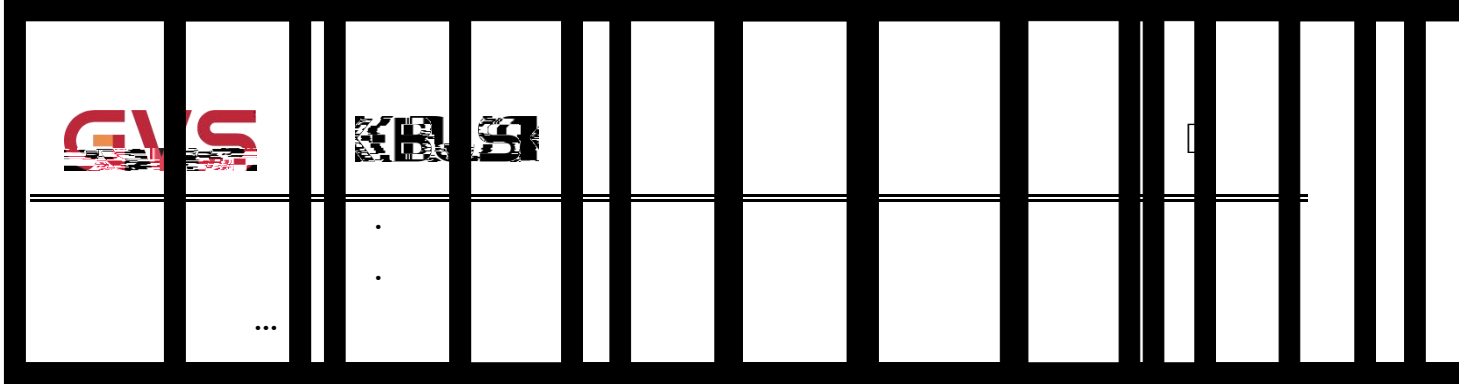
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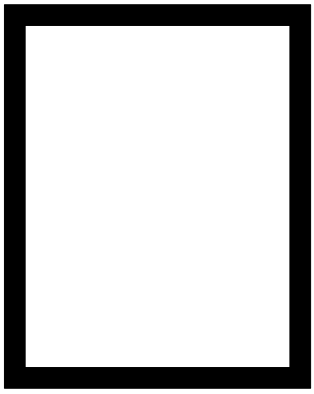
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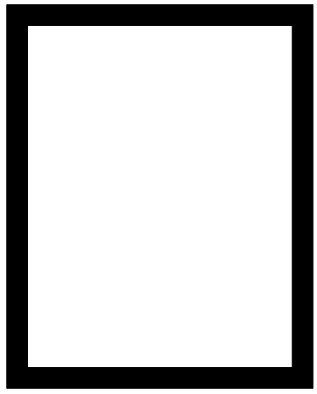
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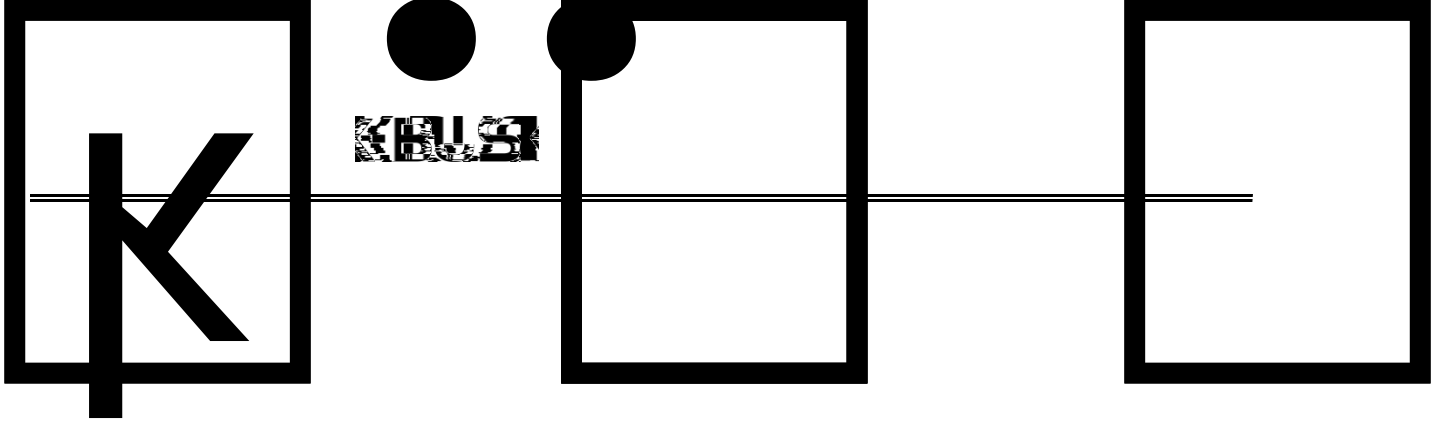
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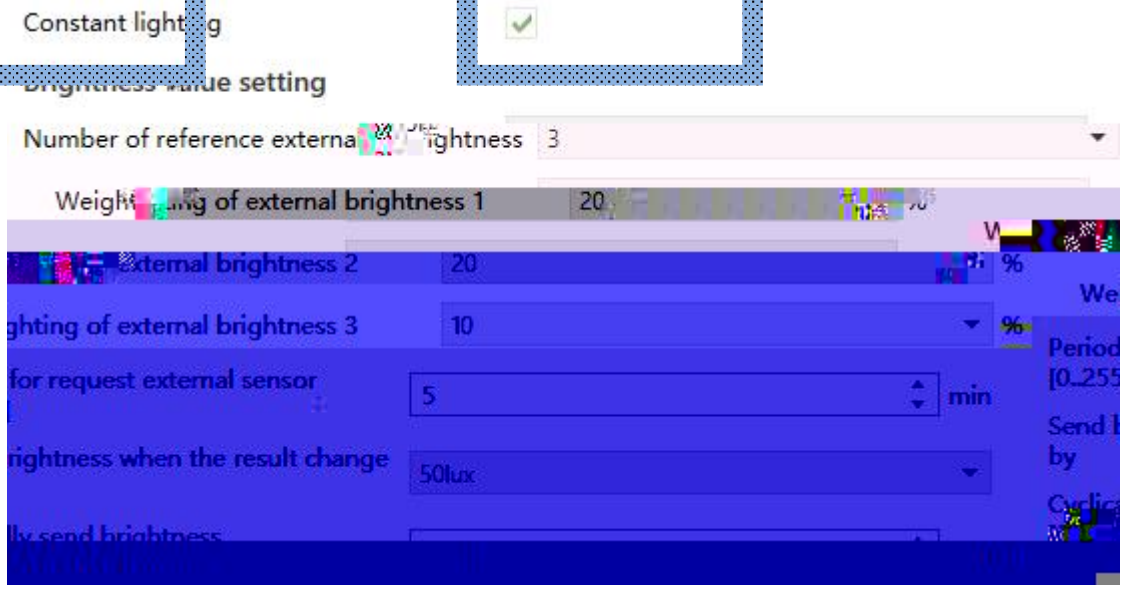
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Constant light g
Number of reference externa ightness 3
Weigh g of external brightness 1 20
xternal brightness 2 20
ghting of external brightness 3 10
for request external sensor
5
min
rightness when the result change
50lux

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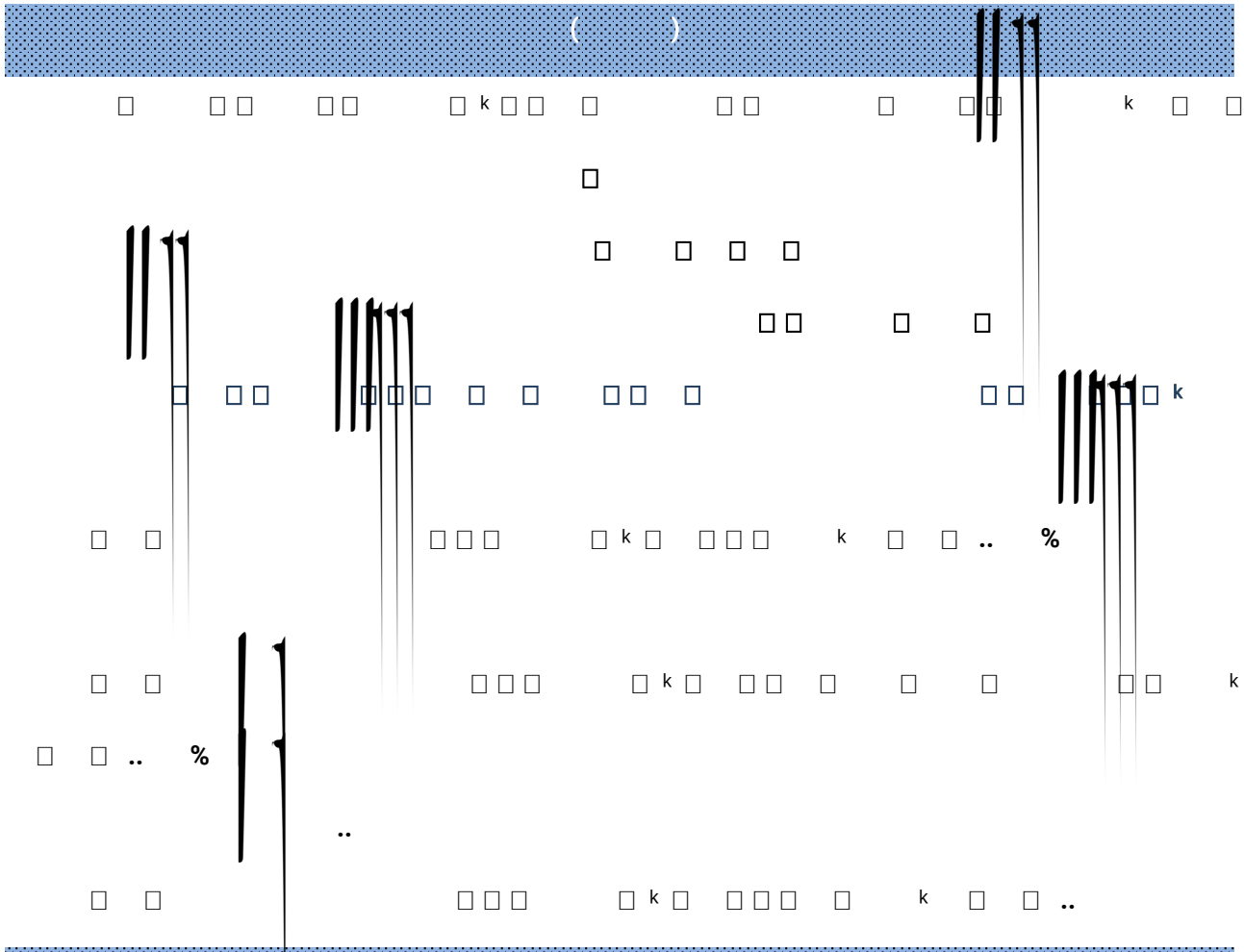
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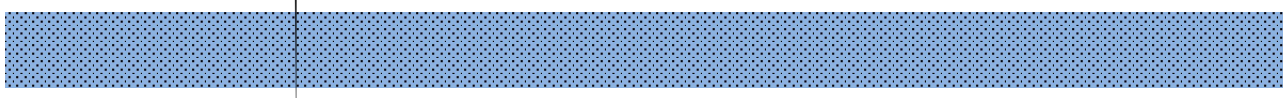
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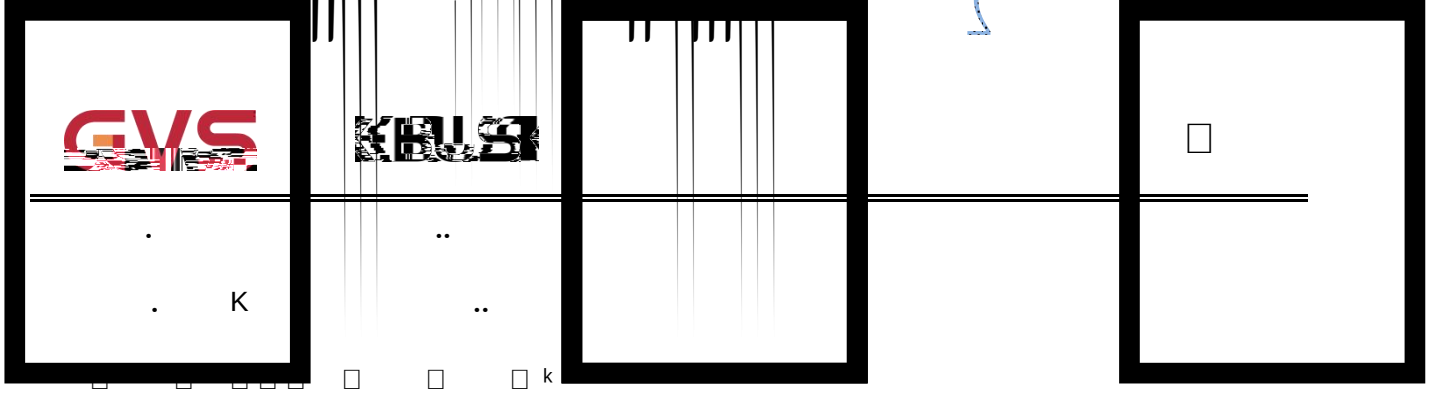
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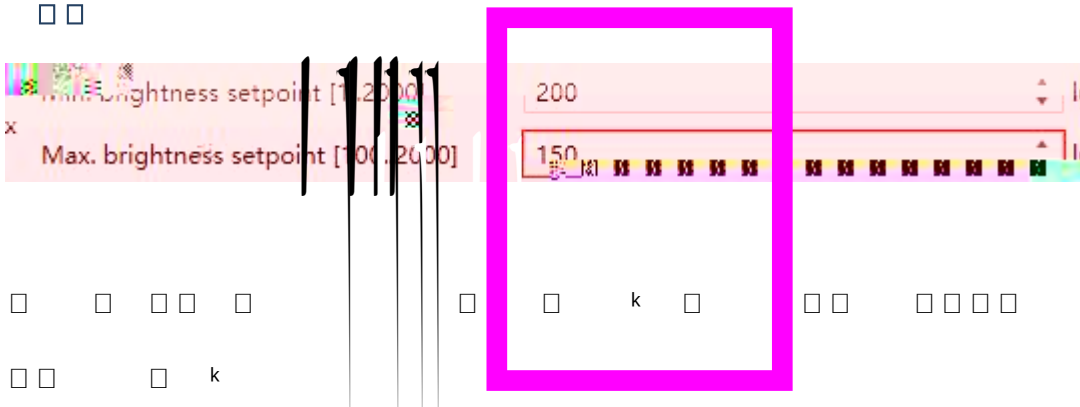
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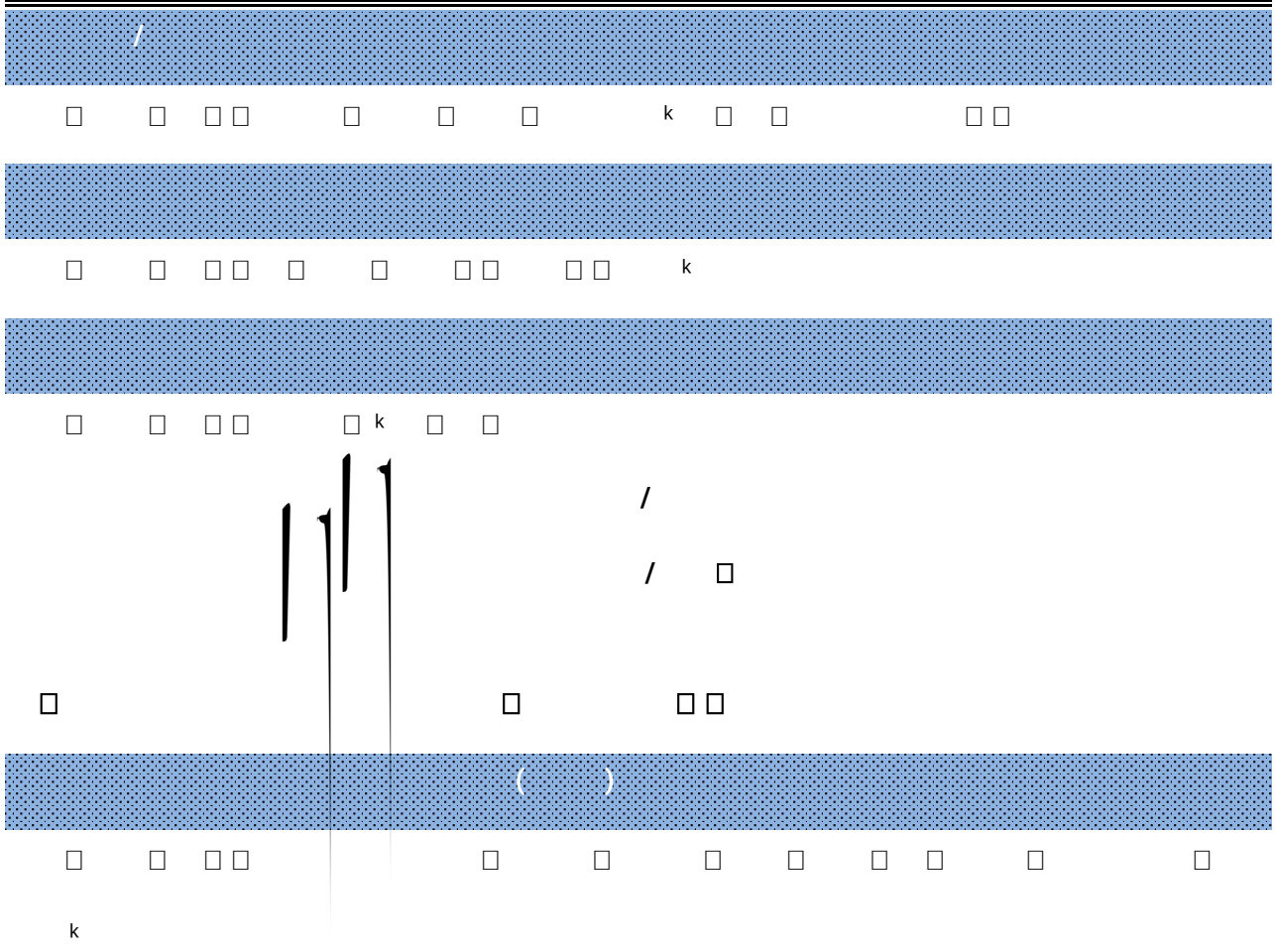




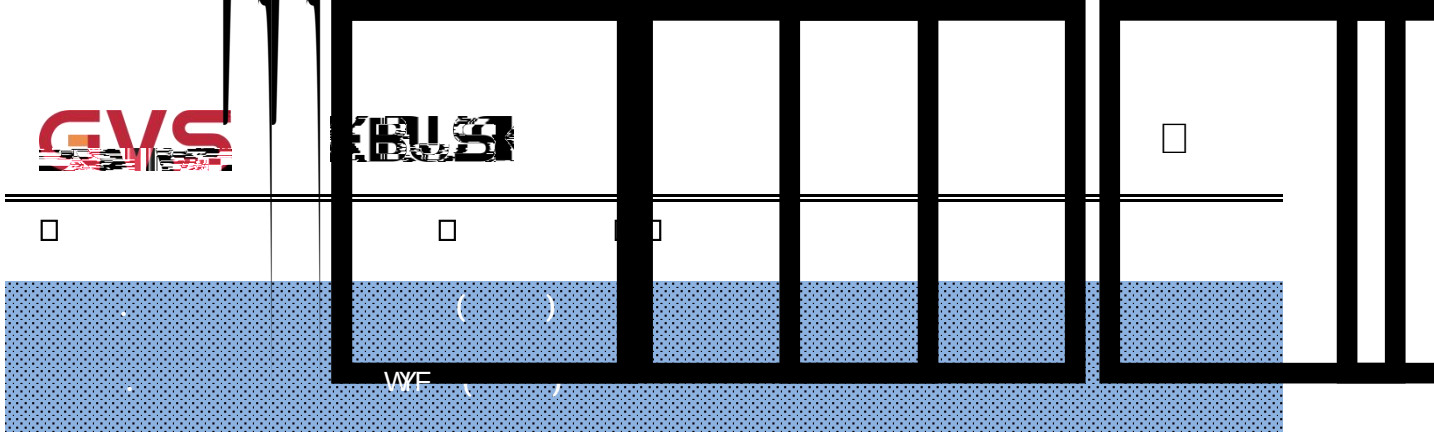




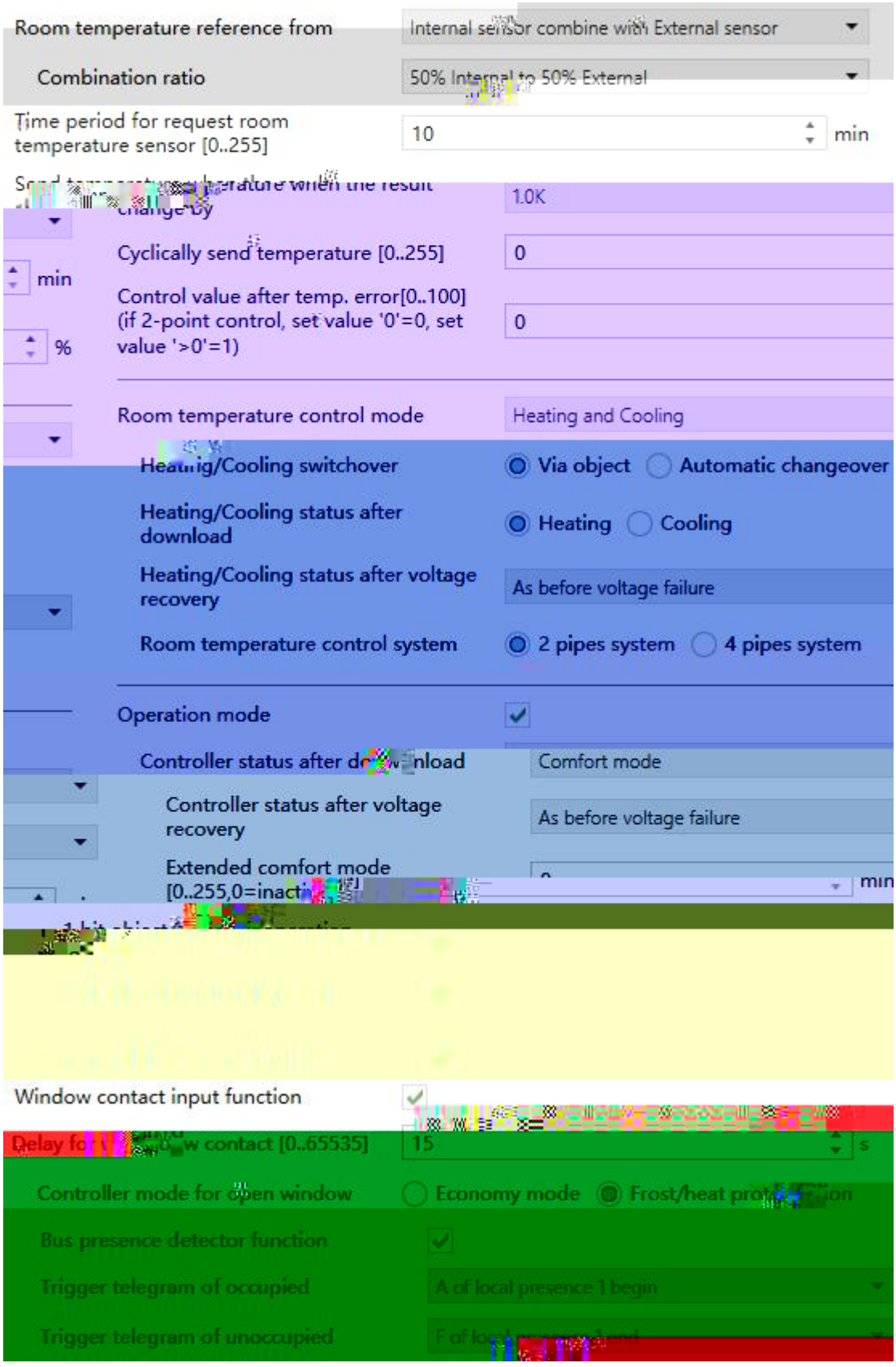

Max. brightness setpoint [100...2000]
200
150



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Room temperature reference from
Internal sensor combine with External sensor
Combination ratio
50% Internal to 50% External
Time period for request room temperature sensor [0..255]
10
min
1.0K
Cyclically send temperature [0..255]
0
min
Control value after temp. error[0..100] (if 2-point control, set value '0'=0, set value '>0'=1)
0
%
Room temperature control mode
Heating and Cooling
Heating/Cooling switchover
Via object
Automatic changeover
Heating/Cooling status after download
Heating
Cooling
Heating/Cooling status after voltage recovery
As before voltage failure
Room temperature control system
2 pipes system
4 pipes system
Operation mode
Comfort mode
Controller status after voltage recovery
As before voltage failure
Extended comfort mode
min
Window contact input function
15
s
Economy mode
Bus presence detector function
Trigger telegram of occupied
A of local presence 1 begin
Trigger telegram of unoccupied

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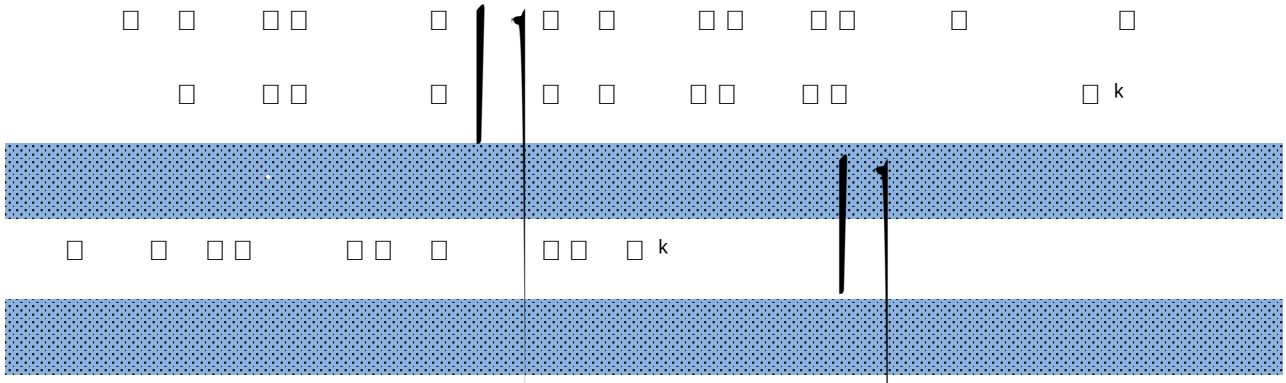
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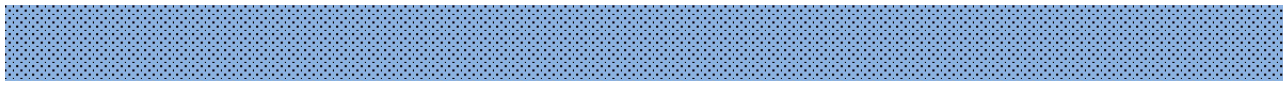
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Trigger telegram of occupied A of local presence 1 begin

A of local presence 1 begin is no telegram, please active to use controller normally

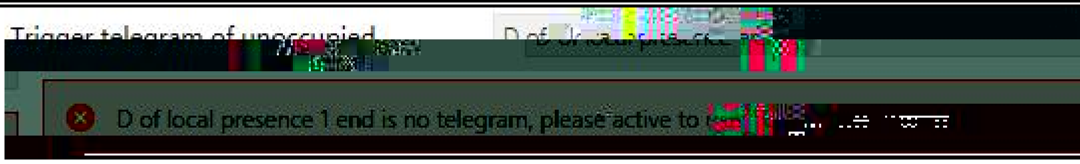
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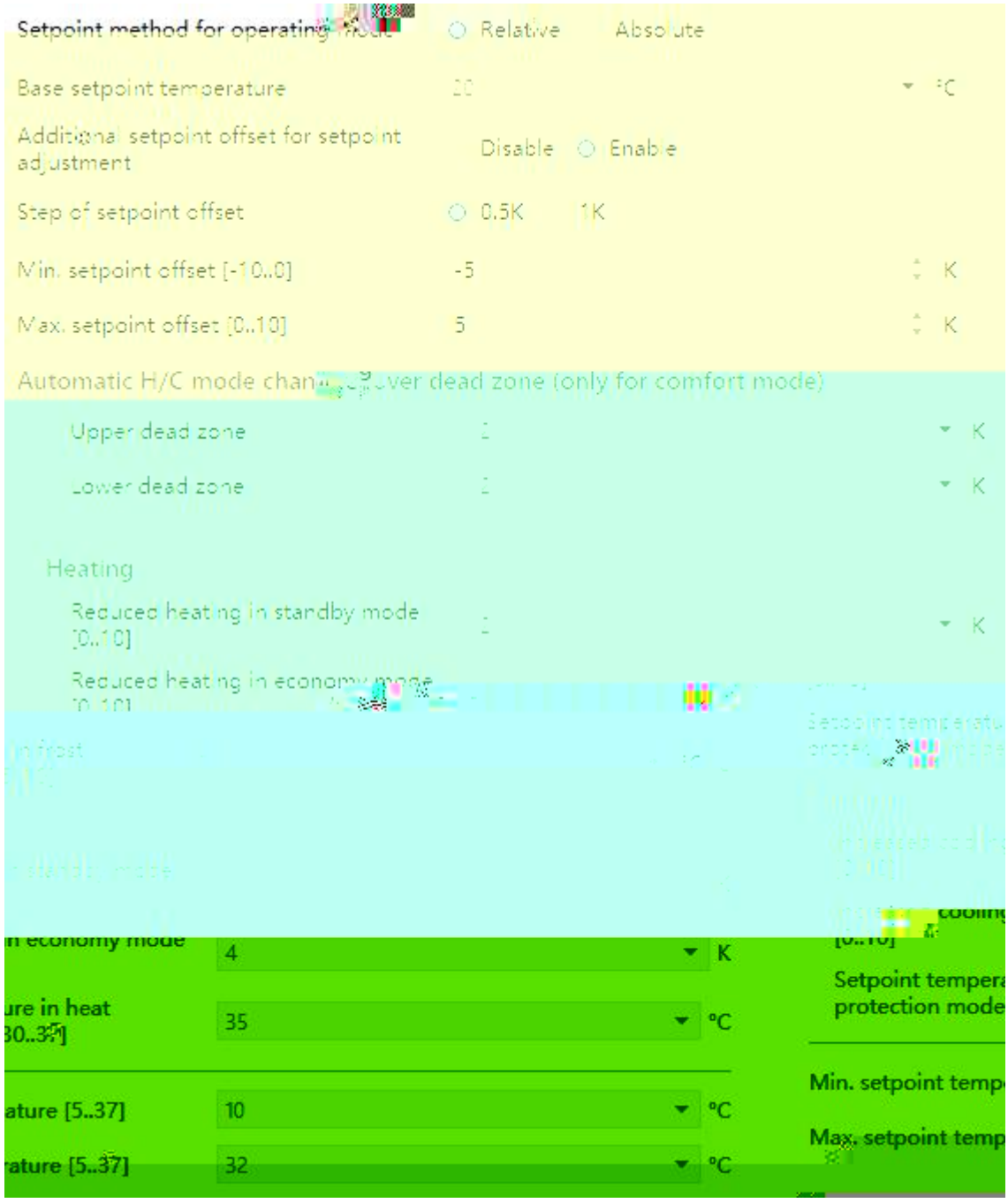
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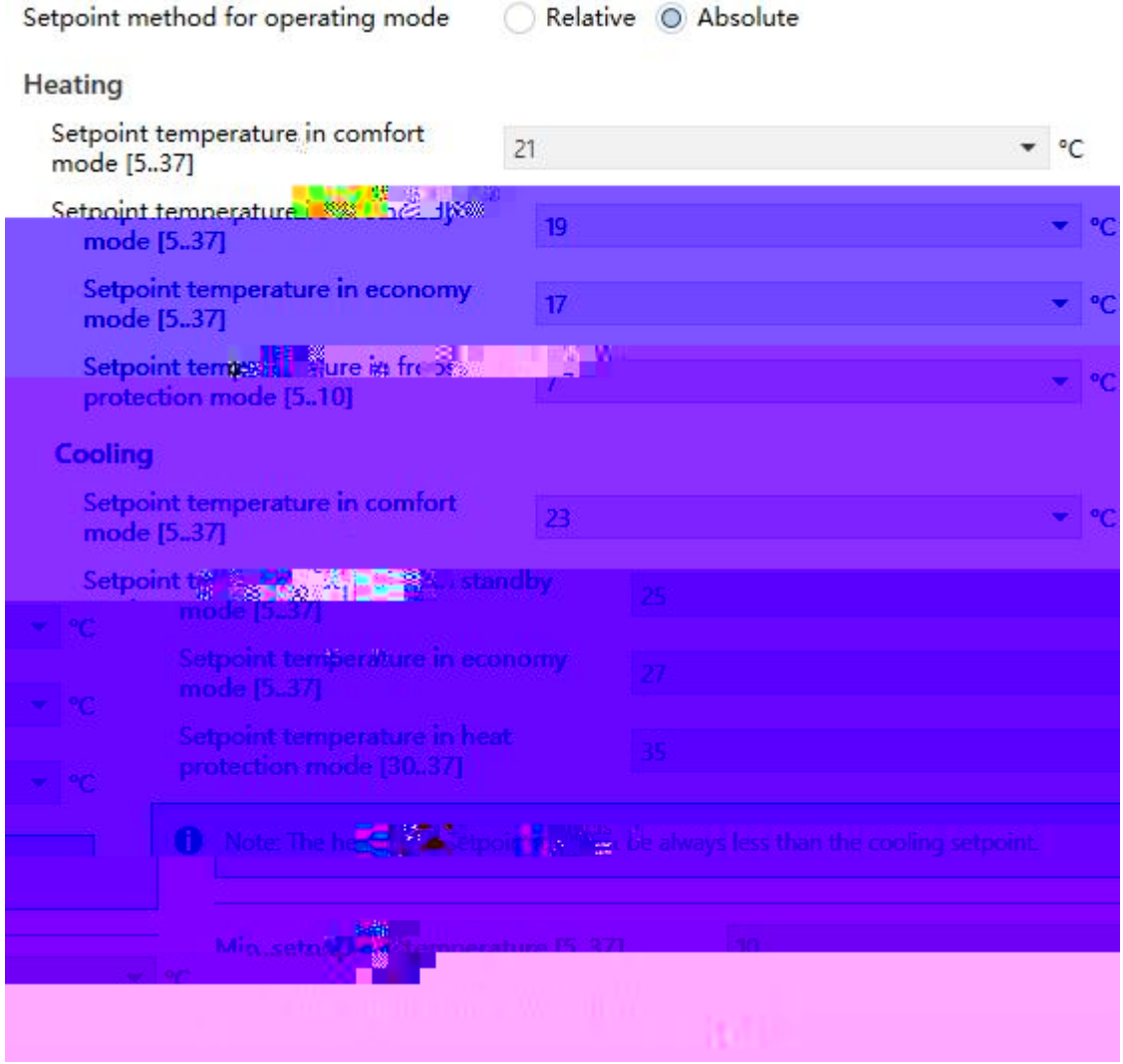
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Trigger telegram of unoccupied
D of local presence
D of local presence 1 end is no telegram, please active to

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Setpoint method for operating mode
Relative
Absolute
Base setpoint temperature
°C
Additional setpoint offset for setpoint adjustment
Disable
Enable
Step of setpoint offset
0.5K
1K
Min. setpoint offset [-10..0]
-5
K
Max. setpoint offset [0..10]
5
K
Automatic H/C mode changeover dead zone (only for comfort mode)
Upper dead zone
K
Lower dead zone
K
Heating
Reduced heating in standby mode [0..10]
K
4
K
35
°C
10
°C
32
°C
Setpoint temperature protection mode
Min. setpoint temp
Max. setpoint temp


Setpoint method for operating mode
Relative
Absolute
Heating
Setpoint temperature in comfort mode [5..37]
21
°C
mode [5..37]
19
°C
Setpoint temperature in economy mode [5..37]
17
°C
protection mode [5..10]
°C
Cooling
Setpoint temperature in comfort mode [5..37]
23
°C
mode [5..37]
25
Setpoint temperature in economy mode [5..37]
27
Setpoint temperature in heat protection mode [30..37]
35
Note: The
be always less than the cooling setpoint.

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The setpoint is less than minimum,so minimum will regard as setpoint in fact

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The setpoint is greater than maximum,so maximum will regard as setpoint in fact

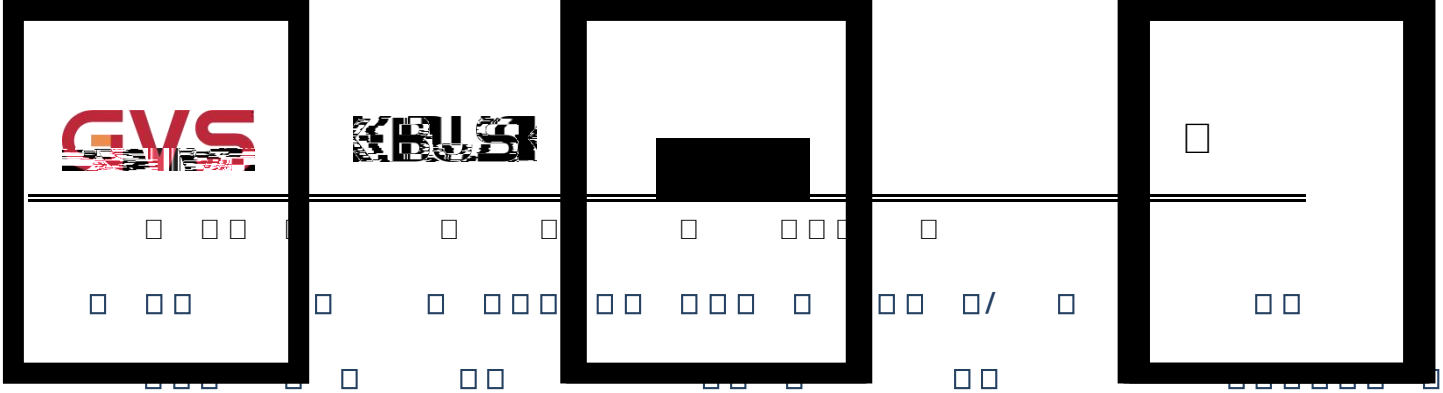
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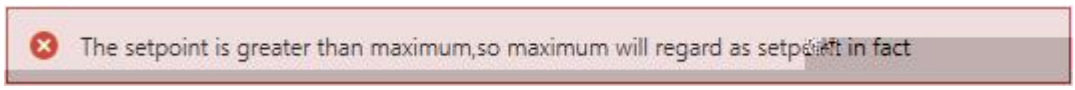
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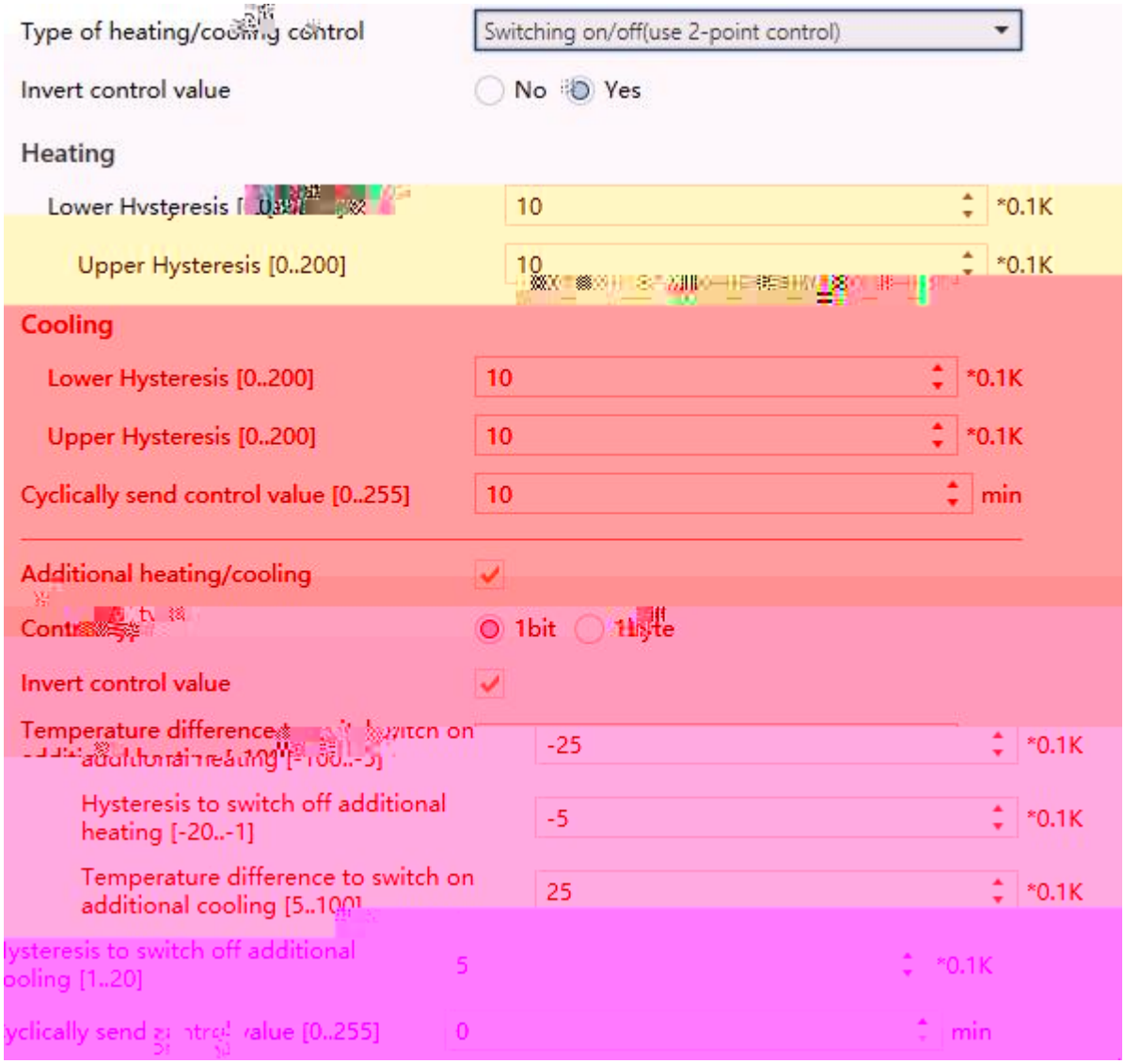


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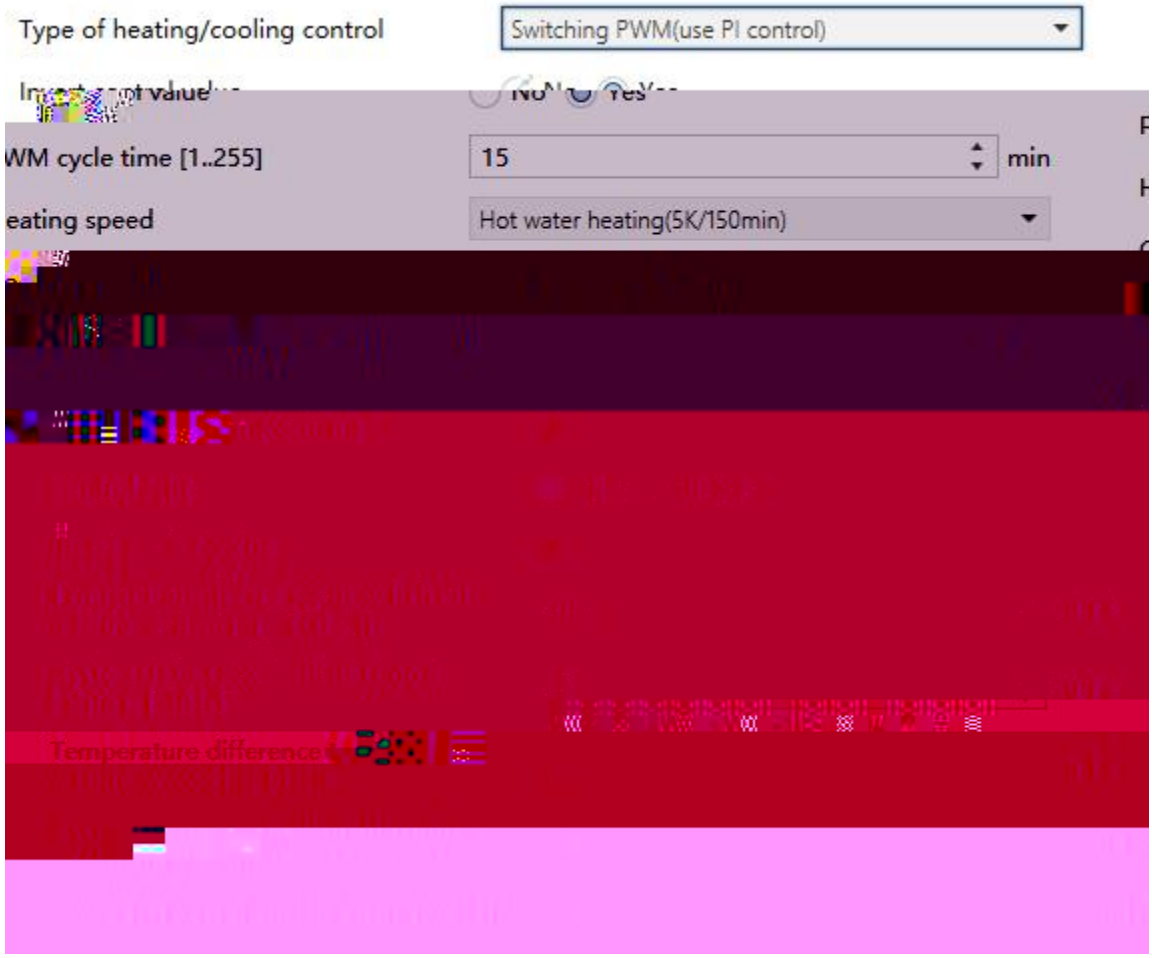
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The setpoint is less than minimum,so minimum will regard as setpoint in fact


The setpoint is greater than maximum,so maximum will regard as setpoint in fact

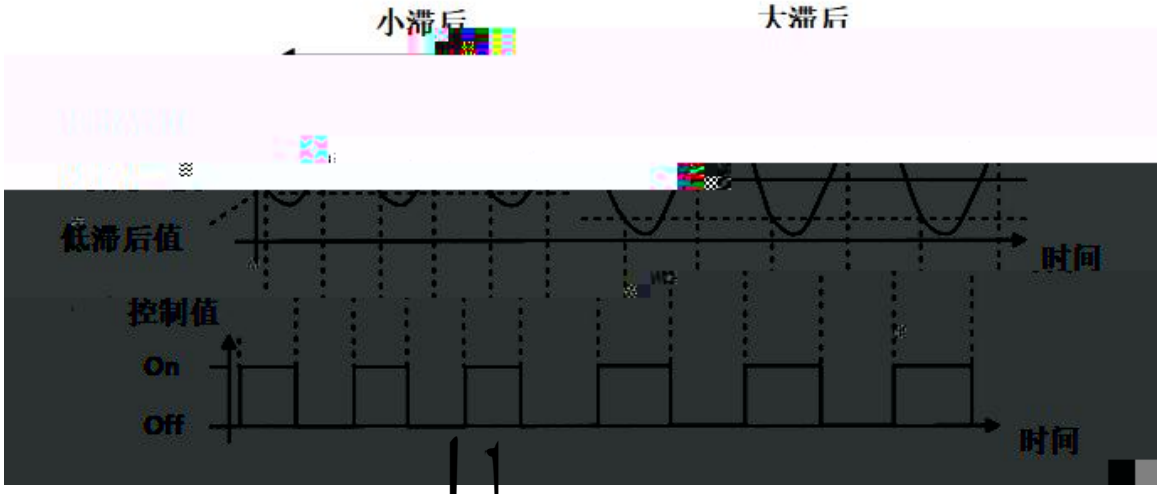

Type of heating/cooling control
Switching on/off(use 2-point control)
Invert control value
No
Yes
Heating
Lower Hysteresis [0..200]
10
*0.1K
Upper Hysteresis [0..200]
10
*0.1K
Cooling
Lower Hysteresis [0..200]
10
*0.1K
Upper Hysteresis [0..200]
10
*0.1K
Cyclically send control value [0..255]
10
min
Additional heating/cooling
1bit
1byte
Invert control value
-25
*0.1K
Hysteresis to switch off additional heating [-20..-1]
-5
*0.1K
Temperature difference to switch on additional cooling [5..100]
25
*0.1K
5
*0.1K
0
min

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Type of heating/cooling control
Switching PWM(use PI control)
WM cycle time [1..255]
15
min
eating speed
Hot water heating(5K/150min)
Temperature difference

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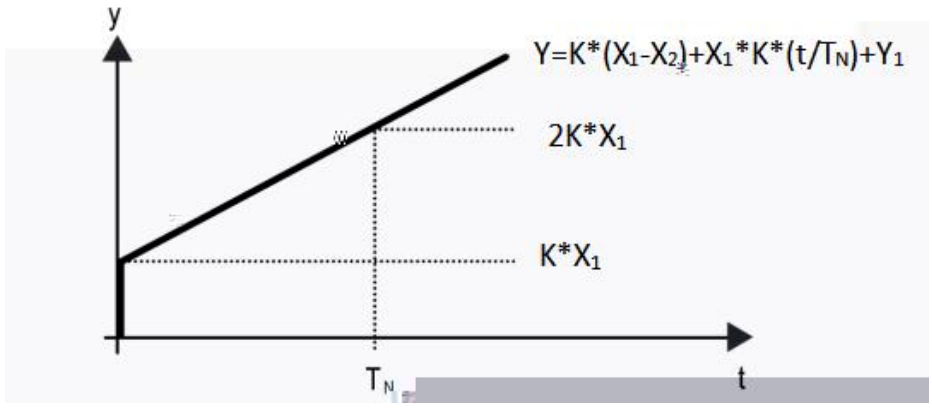
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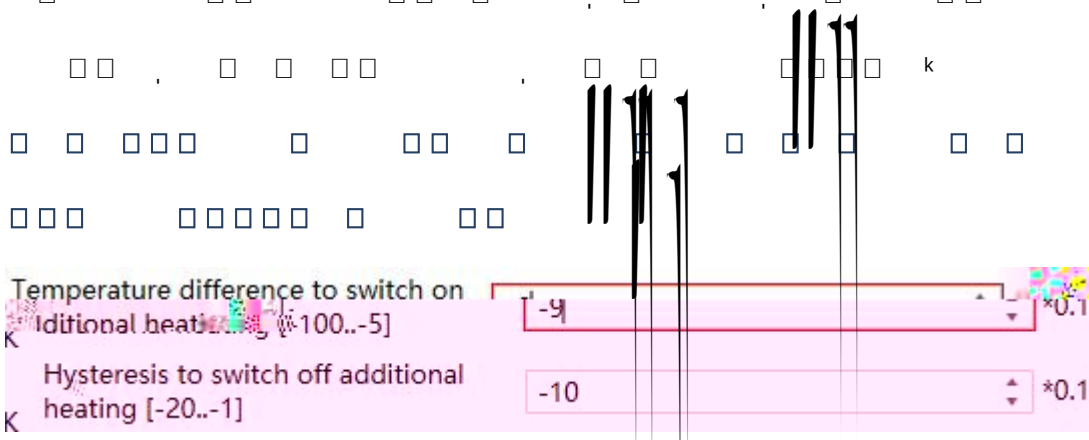


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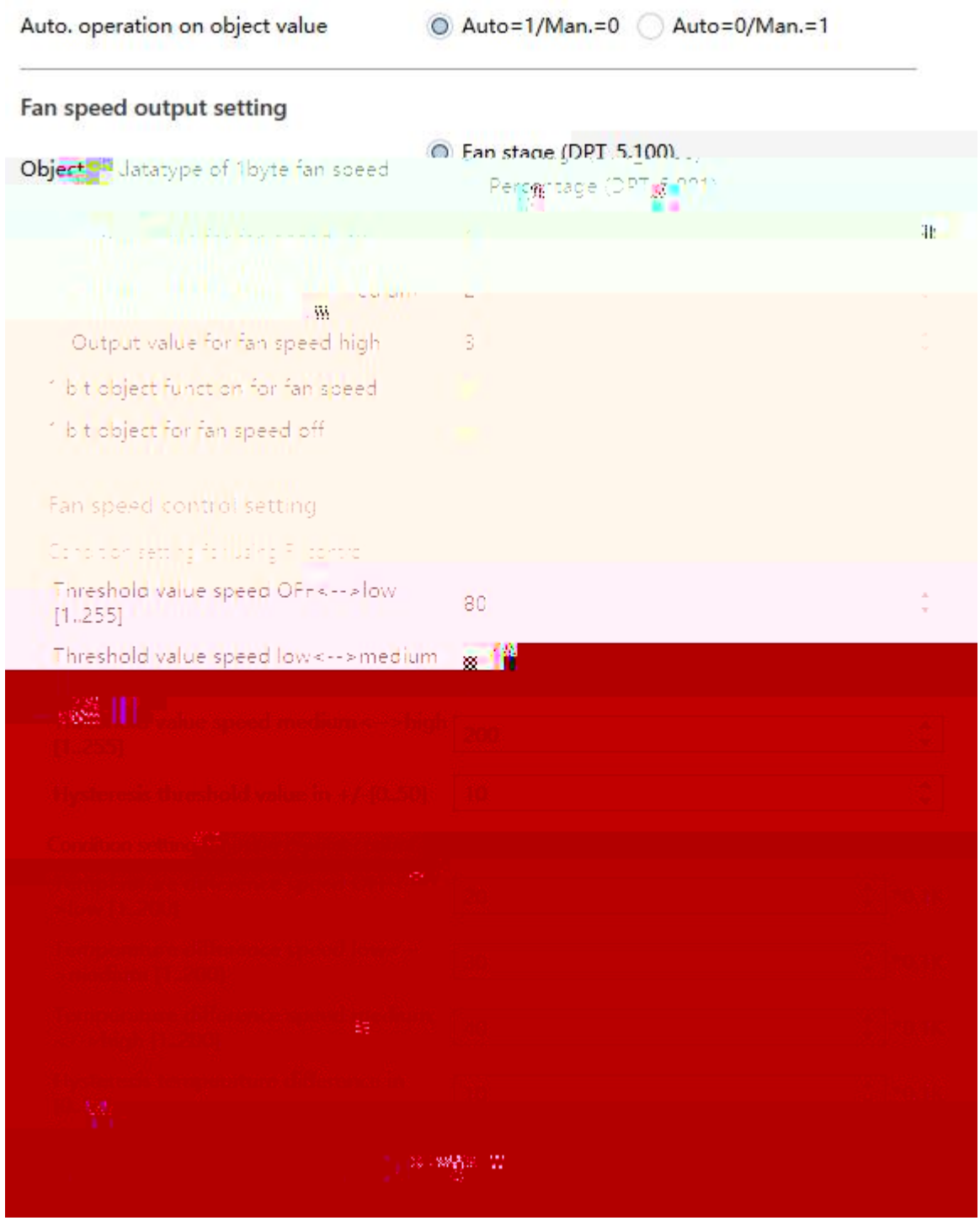
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Temperature difference to switch on additional heating [-100..-5]
-5
*0.1
K
Hysteresis to switch off additional heating [-20..-1]
-10
*0.1
K

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Auto. operation on object value
Auto=1/Man.=0
Auto=0/Man.=1
Fan speed output setting
Datatype of 1byte fan speed
Fan stage (DPT 5.100)
Percentage (DPT 5.001)
Output value for fan speed high
3
Fan speed control setting
Threshold value speed OFF<-->low [1..255]
80
Threshold value speed low<-->medium
Hysteresis threshold value in +/- (0..50)
10

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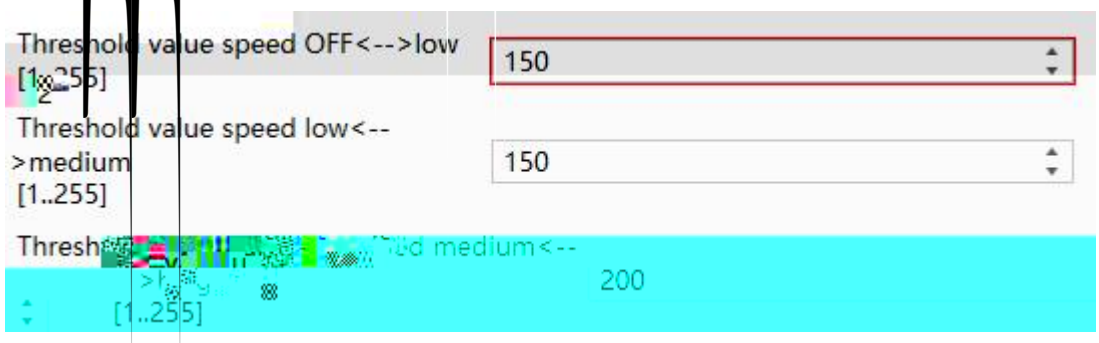
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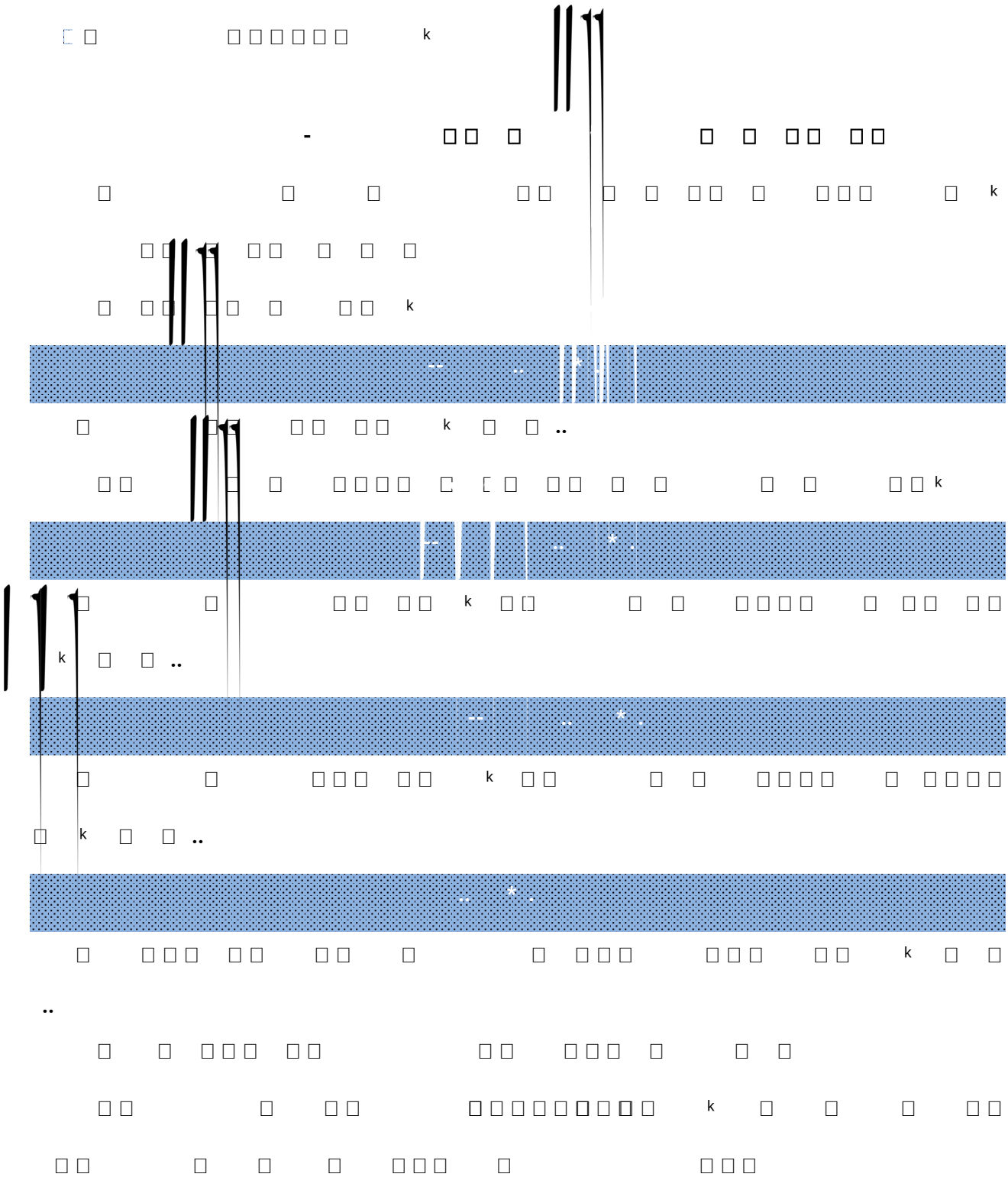


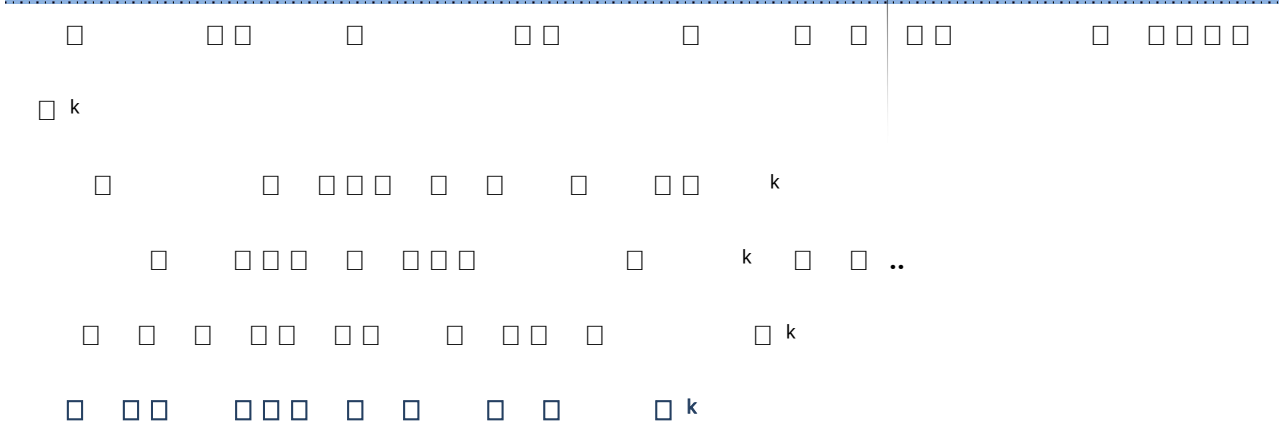
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Description for logic function

Function of channel AND

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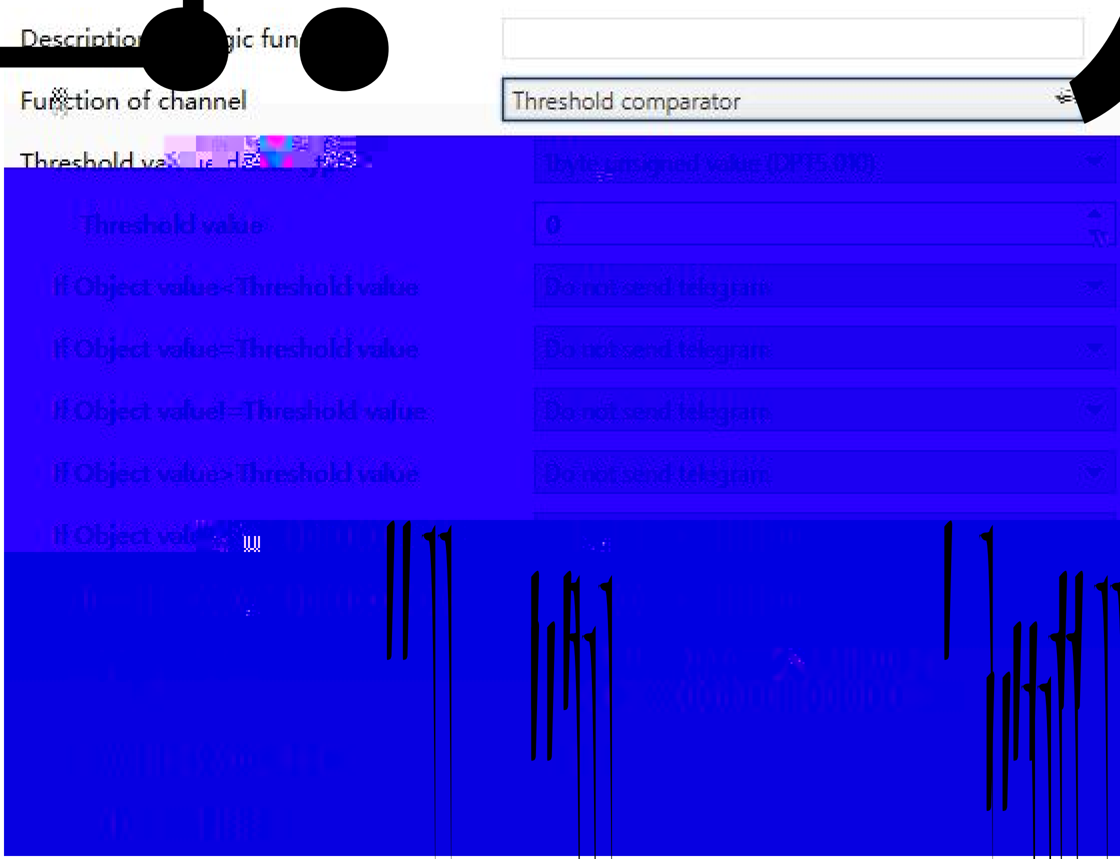
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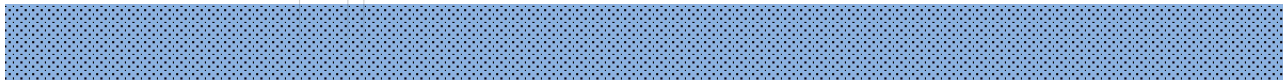
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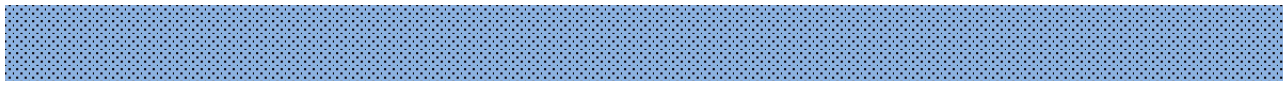
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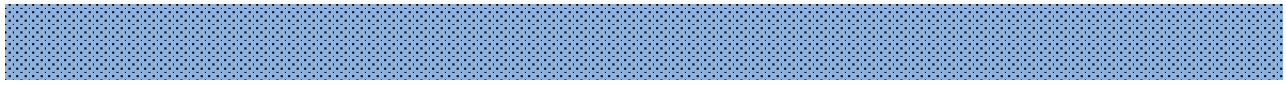
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Function of channel
Threshold comparator
Threshold value
If Object value<Threshold value
Do not send telegram
If Object value=Threshold value
Do not send telegram
Do not send telegram
If Object value>Threshold value
Do not send telegram







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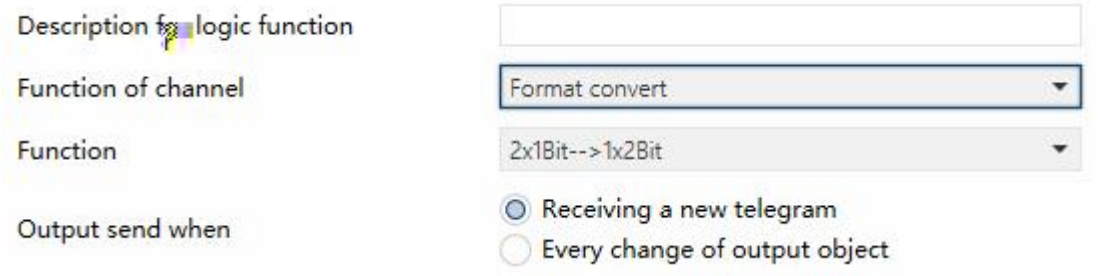
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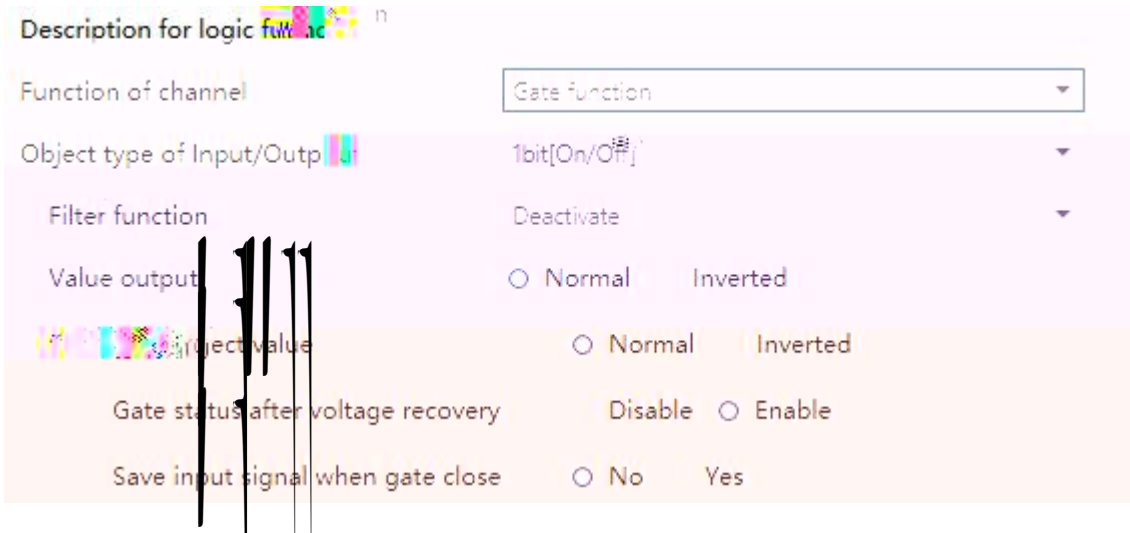
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Description for logic function
Function of channel
Format convert
Function
2x1Bit-->1x2Bit
Output send when
Receiving a new telegram
Every change of output object

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Description for logic function
Function of channel
Gate function
Object type of Input/Output
1bit[On/Off]
Filter function
Deactivate
Value output
Normal
Inverted
Normal
Inverted
Gate status after voltage recovery
Disable
Enable
Save input signal when gate close
No
Yes

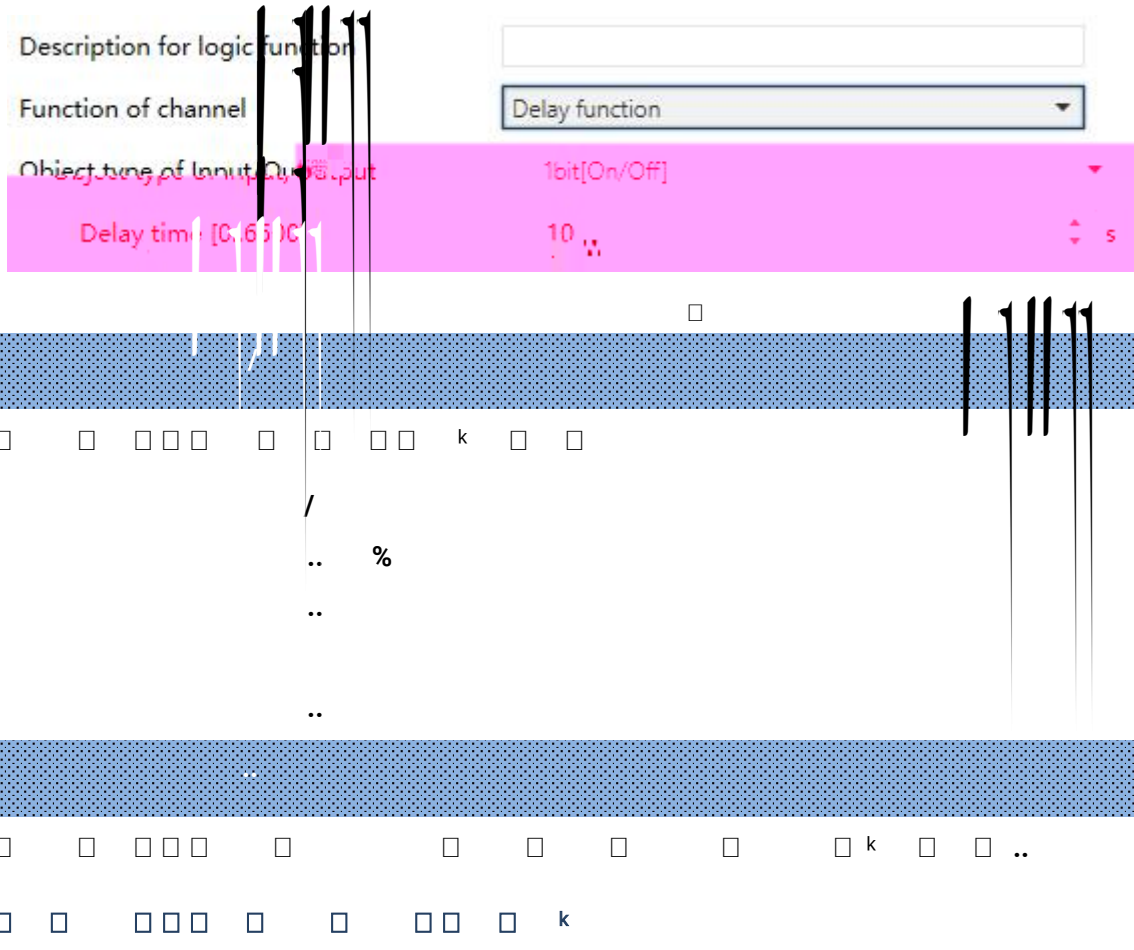
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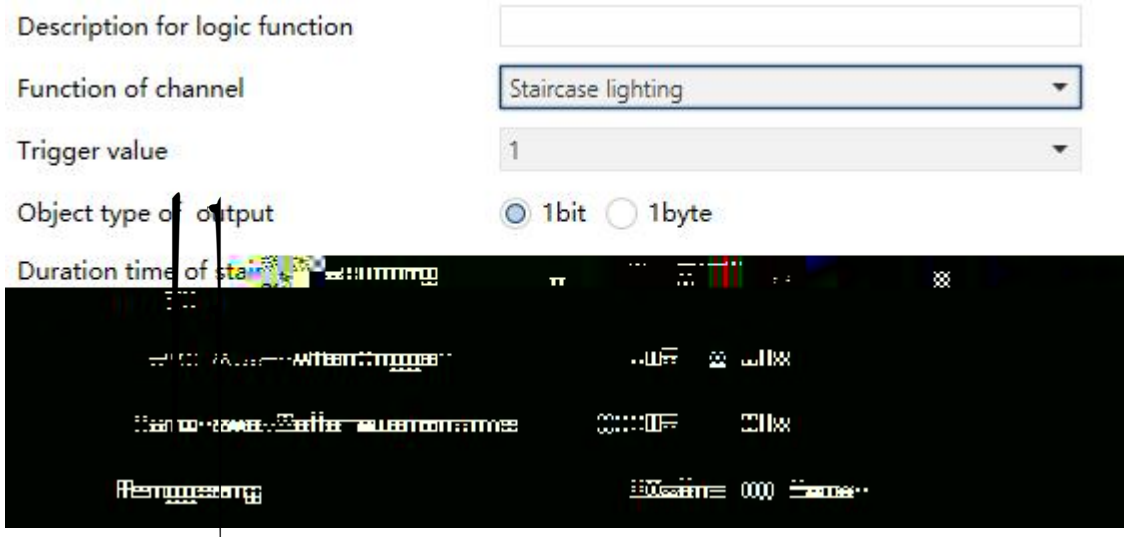
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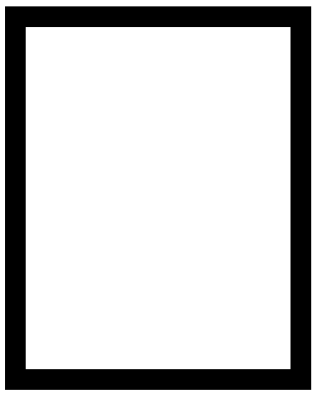
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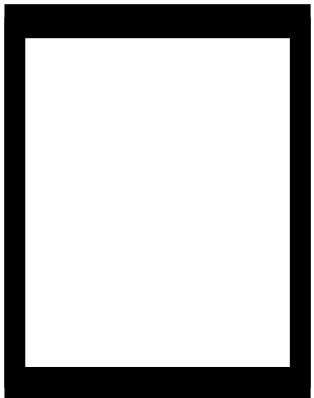
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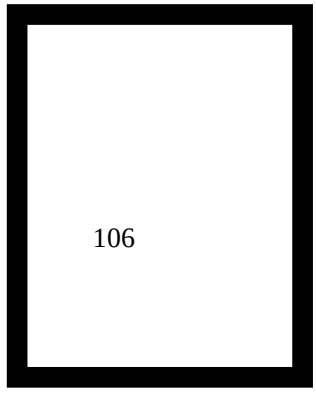
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Description for logic function
Function of channel
Delay function
1bit[On/Off]
10
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Description for logic function
Function of channel
Staircase lighting
Trigger value
1
Object type of output
1bit
1byte







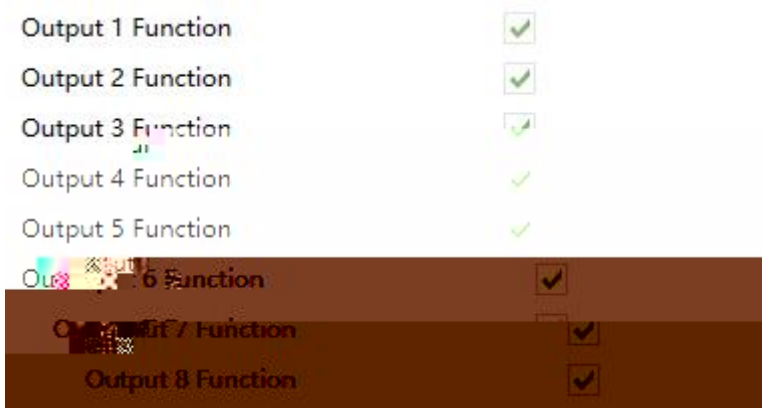
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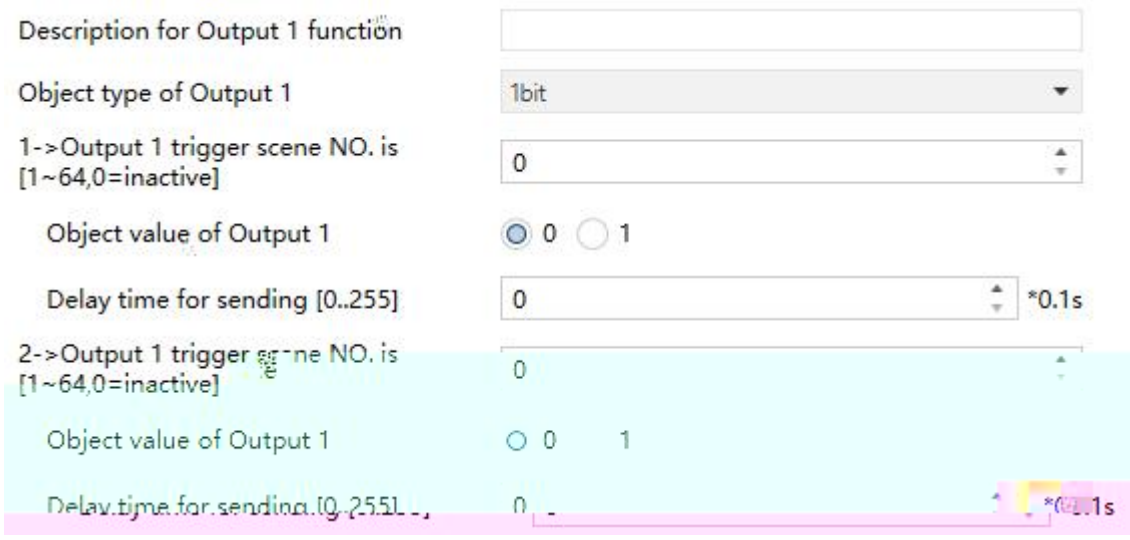
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Scene Group 1 Function
Scene Group 2 Function
Scene Group 3 Function
Scene Group 4 Function
Scene Group 5 Function
Scene Group 6 Function
Scene Group 7 Function
Scene Group 8 Function

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Output 1 Function
Output 2 Function
Output 3 Function
Output 4 Function
Output 5 Function
Output 8 Function

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Description for Output 1 function
Object type of Output 1
1bit
1->Output 1 trigger scene NO. is [1~64,0=inactive]
0
Object value of Output 1
0
1
Delay time for sending [0..255]
0
*0.1s
2->Output 1 trigger scene NO. is [1~64,0=inactive]
0
Object value of Output 1
0
1
0
*0.1s

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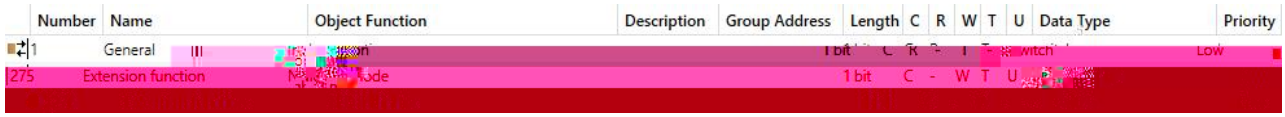
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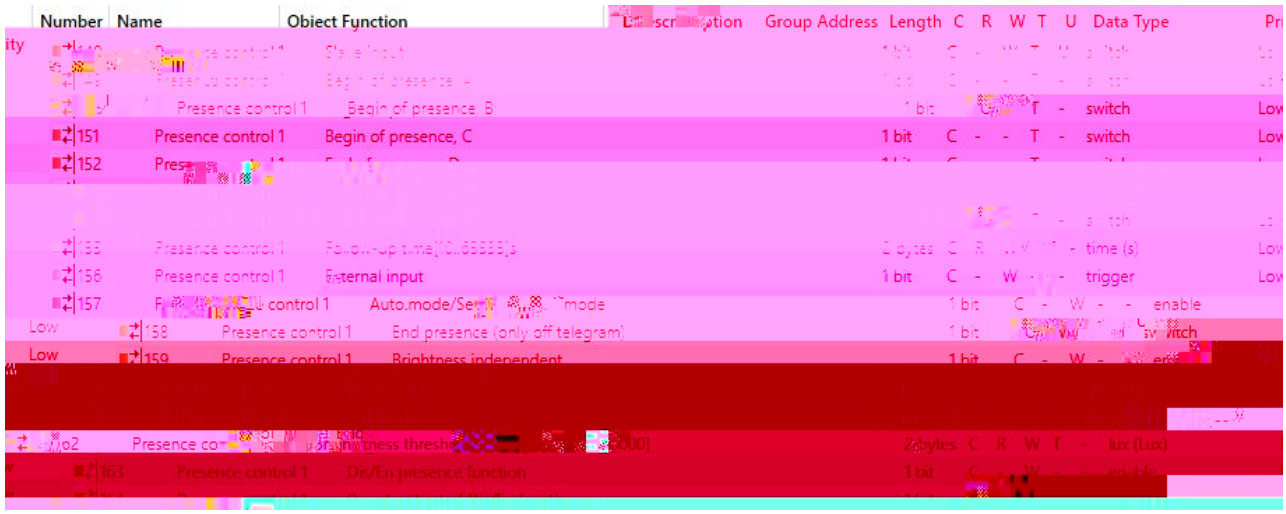
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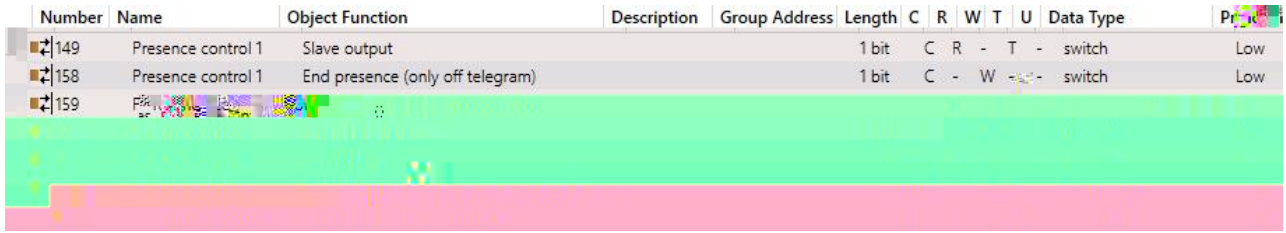
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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
3	Internal sensor	Brightness value			2 bytes	C	R	-	T	-	lux (Lux)	Low
4	Internal sensor	Brightness correction[-500..500]			2 bytes	C	-	W	-	-	lux (Lux)	Low
5	Internal sensor	Temperature value			2 bytes	C	R	-	T	-	temperature (°C)	Low
8	Internal sensor	Hum										

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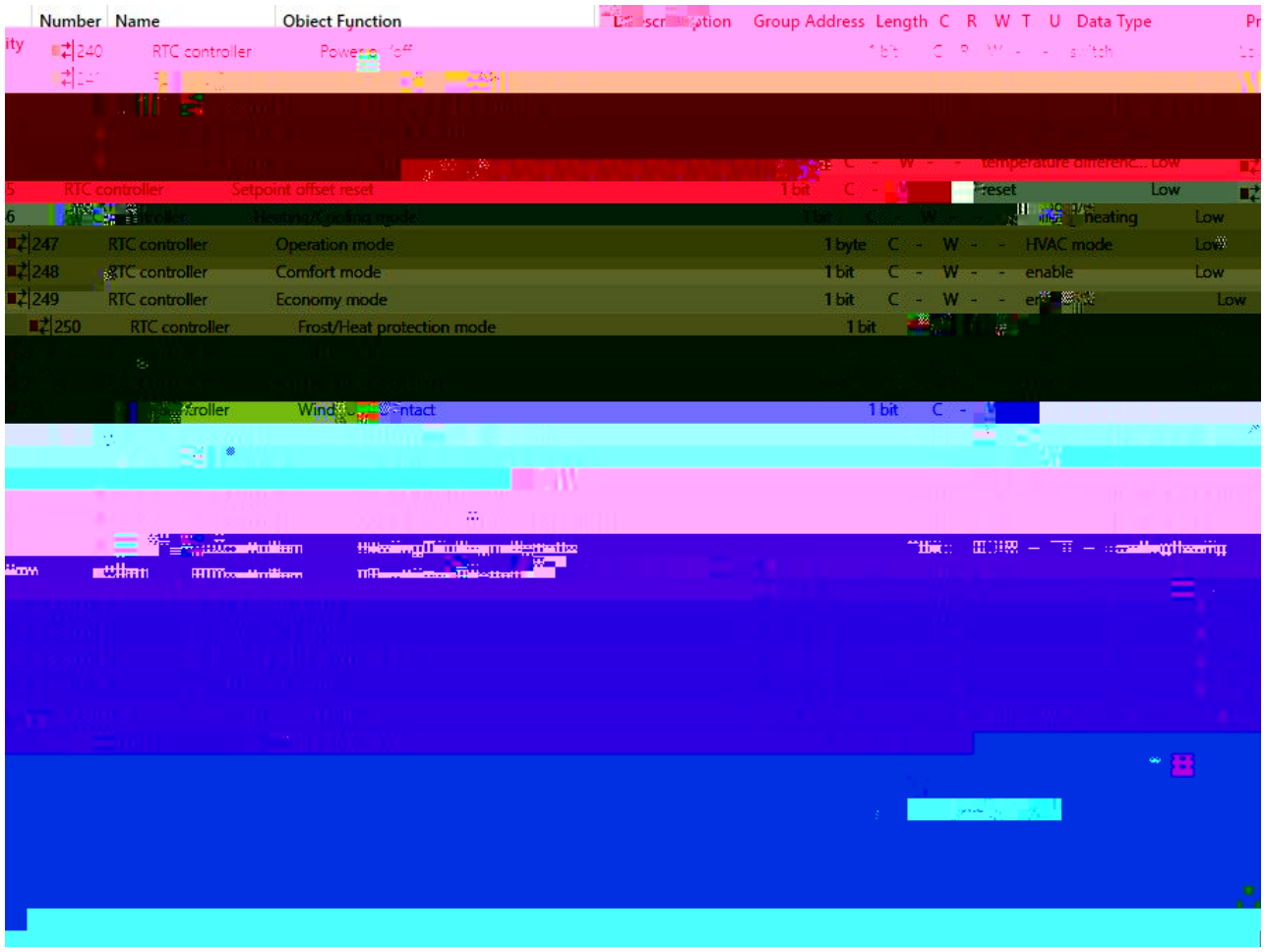
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Number Name Object Function Group Address Length C R W T U Data Type
240 RTC controller
RTC controller Setpoint offset reset 1 bit
247 RTC controller Operation mode 1 byte
248 RTC controller Comfort mode 1 bit
249 RTC controller Economy mode 1 bit
250 RTC controller Frost/Heat protection mode 1 bit
Low

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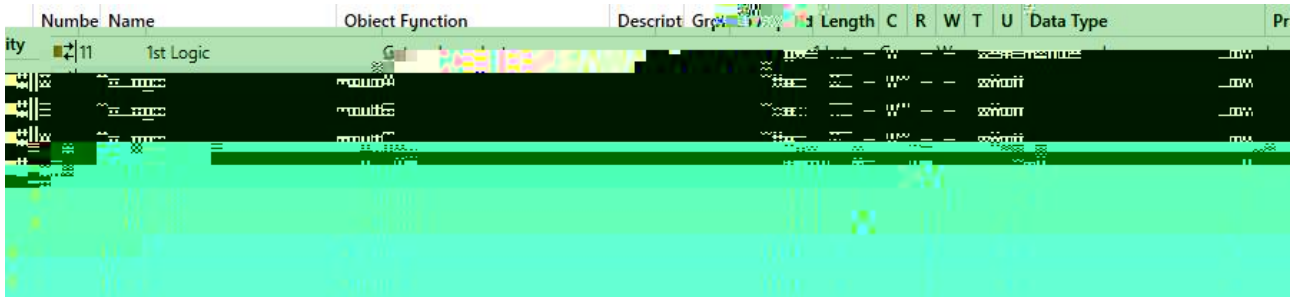


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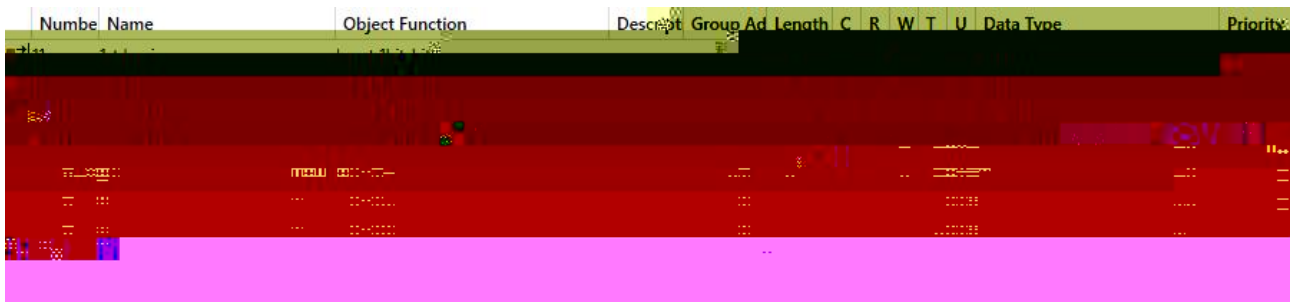
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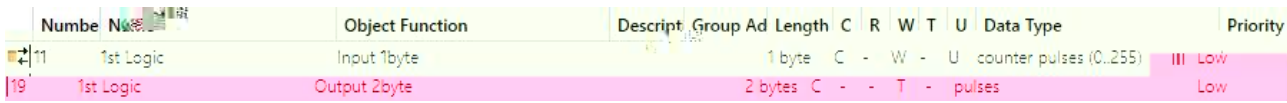
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Number	Name	Object Function	Description	Group Addresses	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic	Threshold value input			4 bit	C	-	W	-	U	dimming control	Low
11	1st Logic	Threshold value input			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
11	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	pulses	Low
11	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	2-byte signed value	Low
11	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	2-byte float value	Low
11	1st Logic	Threshold value input			4 bytes	C	-	W	-	U	counter pulses (unsigned)	Low
11	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	temperature (°C)	Low
11	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	humidity (%)	Low
11	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	lux (Lux)	Low
19	1st Logic	Logic result			1 bit	C	-	-	T	-	boolean	Low






Numbe Name Object Function Descript Group Ad Length C R W T U Data Type Priority
11 1st Logic Input 1byte 1 byte C - W - U counter pulses (0..255) Low
19 1st Logic Output 2byte 2 bytes C - - T - pulses Low


Numbe Name Object Function Descript Group Ad Length C W T U Data Type Priori
11 1st Logic Input 1byte-low 1 byte C - W - U counter pulses (0..255) Low
12 1st Logic Input 1byte-hi 1 byte C - W - U counter pulses (0..255) Low
19 1st Logic Output 2byte 2 bytes C - - T - pulses Low





Numbe	Na	Object Function	Descript	Group Ad	Length	C	R	W	T	U	Data Type	Priority
	Logic	Input 2byte			2 bytes	C	-	W	-	U	pulses	Low
18		Output 1byte-low			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
19	1st Logic	Output 1byte-high			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Numbe	Name	Object Function	Descript	Group Ad	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic	Input 3byte			3 bytes	C	-	W	-	U	RGB value 3x(0..255)	Low
17	1st Logic	Output 1byte-low			1 byte	C	-	-	T	-	counter pulses (0	

Numbe	Name	Object Function	Descript	Group Ad	Length	C	R	W	T	U	Data Type	Priority

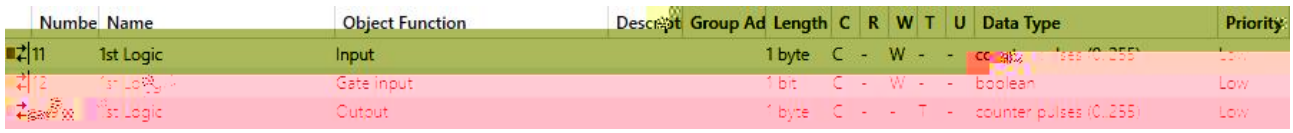
(..)

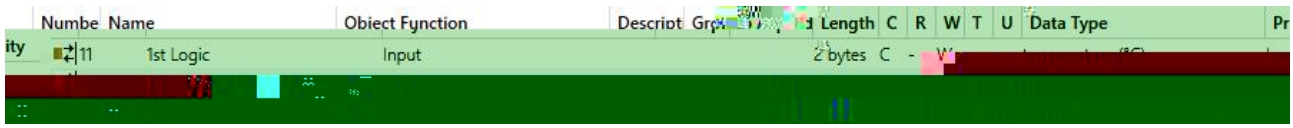
(..)

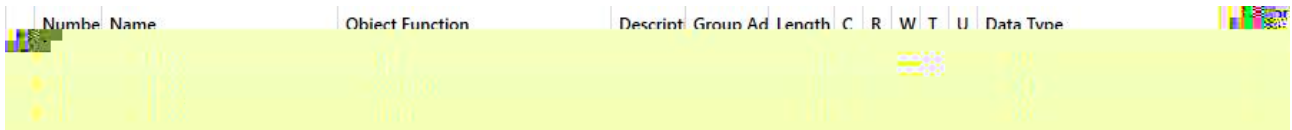
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Numbe Name
Object Function


Numbe Name
Object Function


Numbe Name
Object Function
Descript
Group Ad
Length
C R W T U
Data Type
Priority
11 1st Logic
Input
1 byte C - W - -
Gate input
1 bit C - W - -
boolean
Cutout
1 byte C - - T -
counter pulses (0..255)
Low

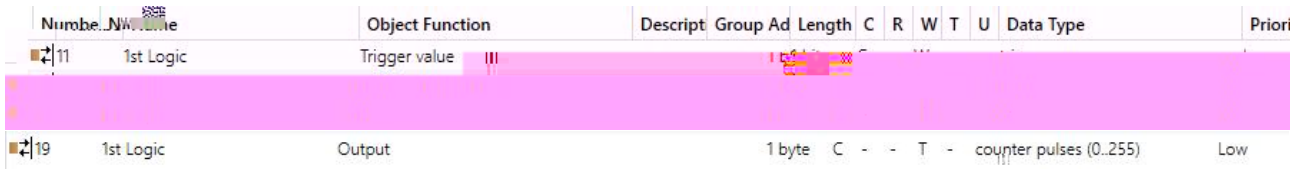

Numbe Name
Object Function
Descript
Length
C R W T U
Data Type
11 1st Logic
Input
2 bytes C -


Numbe Name
Object Function
Descript
Group Ad
Length
C R W T U
Data Type

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Numbe Name Object Function Descript Group Ad Length C R W T U Data Type Priori
11 1st Logic
Numbe Name Object Function
Numbe Name Object Function Descript Group Ad Length C R W T U Data Type Priority
Numbe Name Object Function Descript Group Ad Length C R W T U Data Type
Numbe Name Object Function Descript Group Ad Length C



Numbe	Name	Object Function	Descript	Group Ad	Length	C	R	W	T	U	Data Type	Priori
11	1st Logic	Trigger value										
19	1st Logic	Output			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
83	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene number	Low
84	1st Scene Group-Output 1	1bit value			1 bit	C	-	-	T	-	switch	Low
85	1st Scene Group-Output 2	1bit value			1 bit	C	-	-	T	-	switch	Low

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