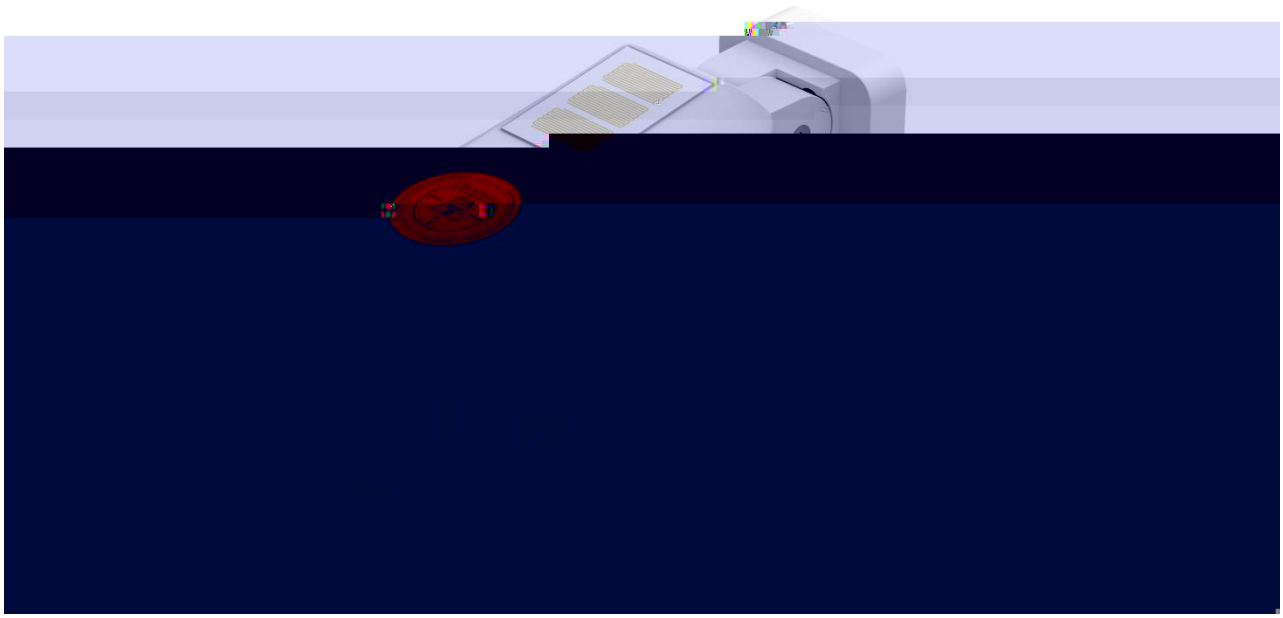
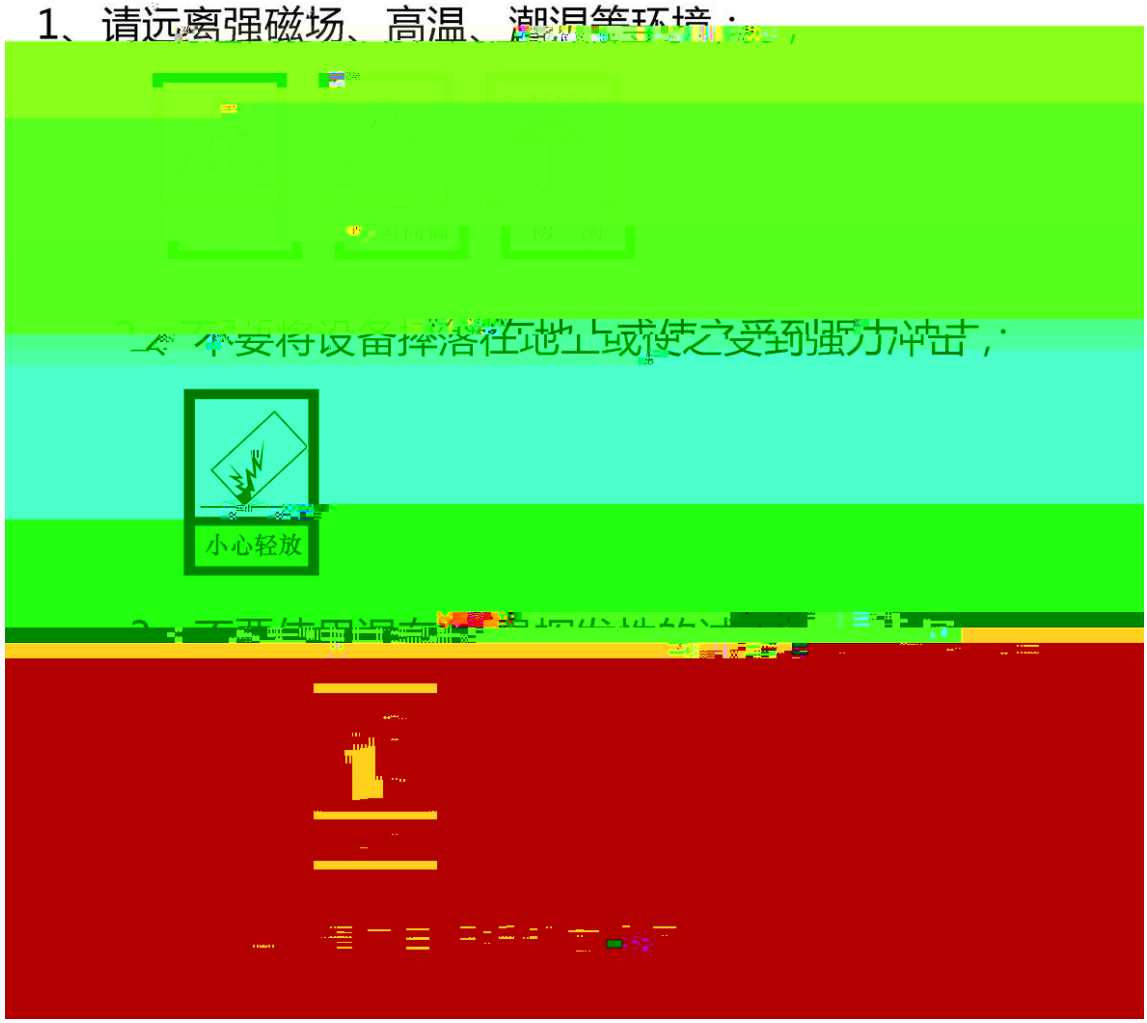
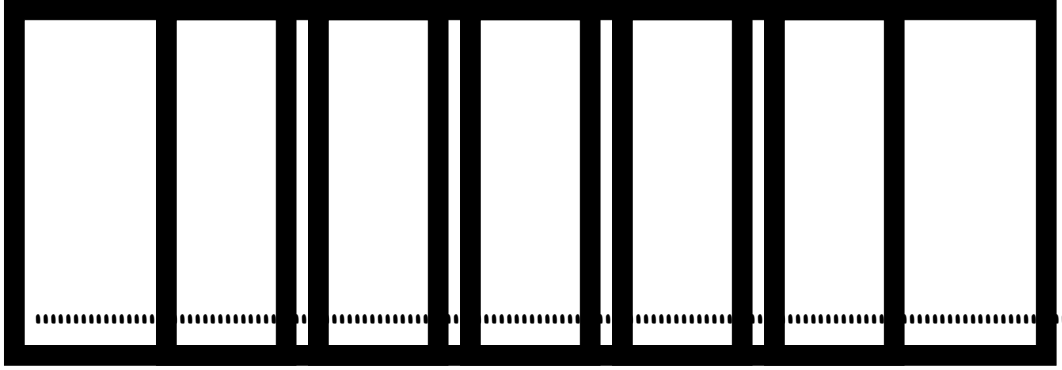
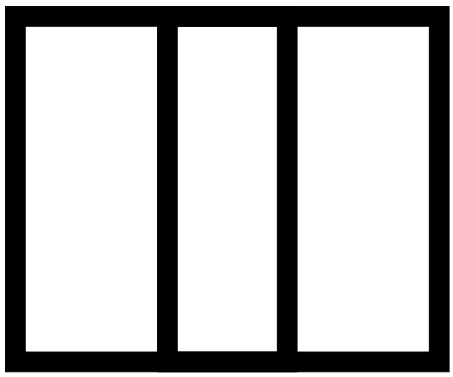


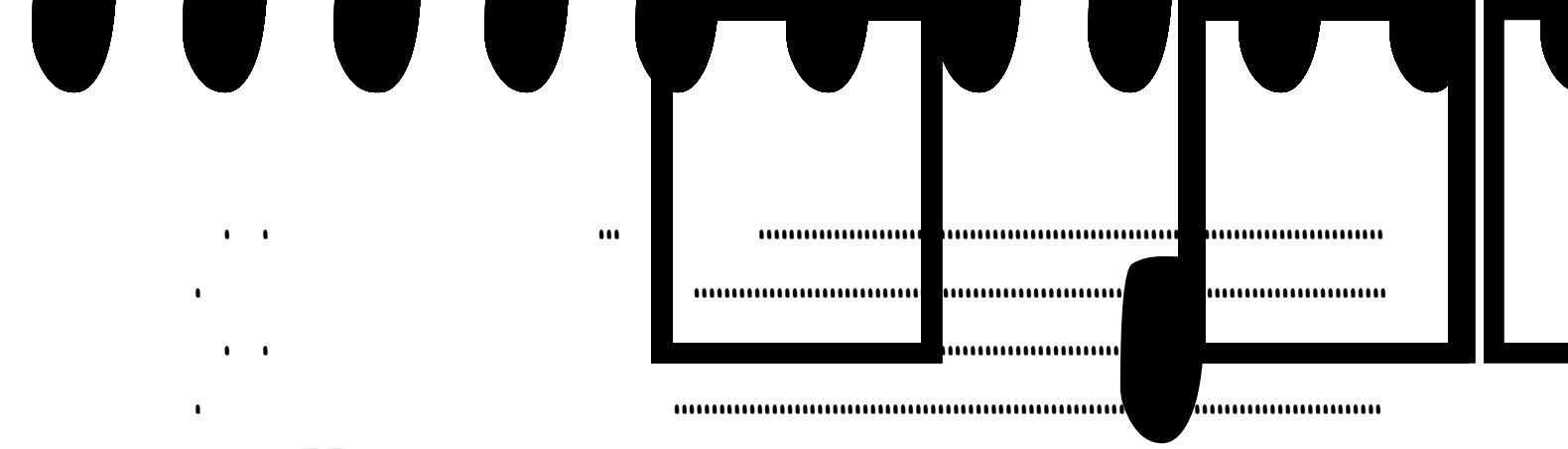
注意事项

1、请远离强磁场、高温、潮湿等环境；









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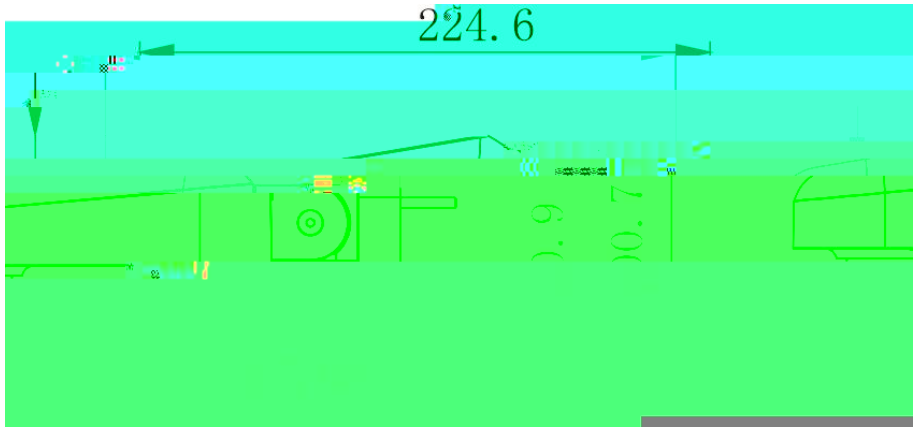
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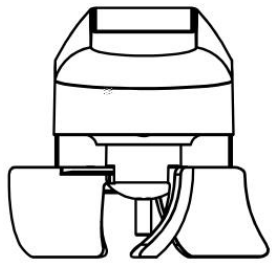
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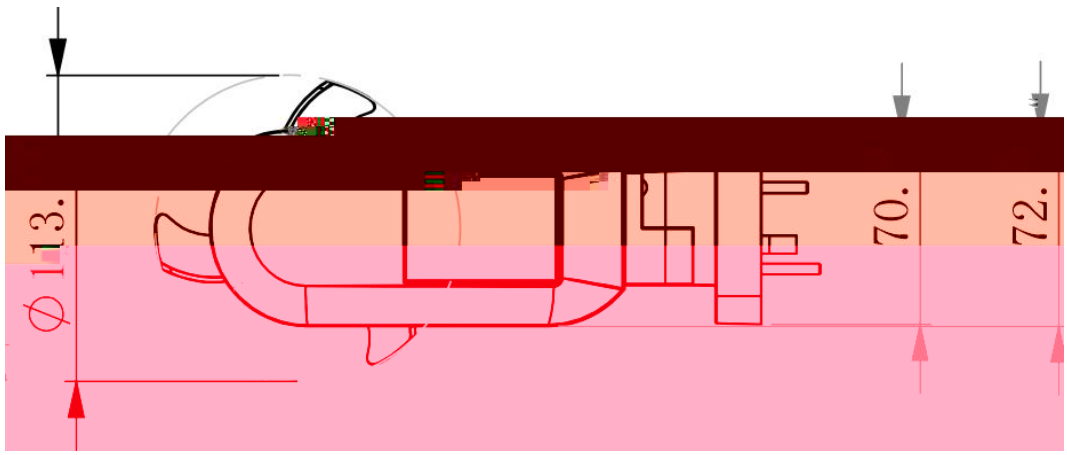
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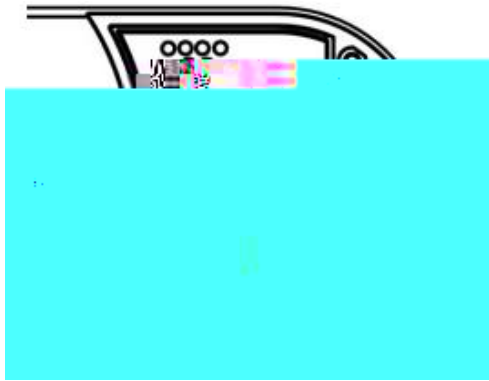
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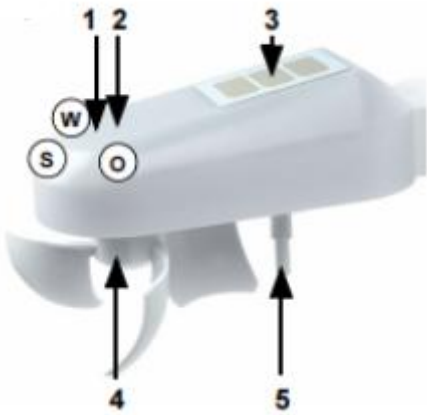
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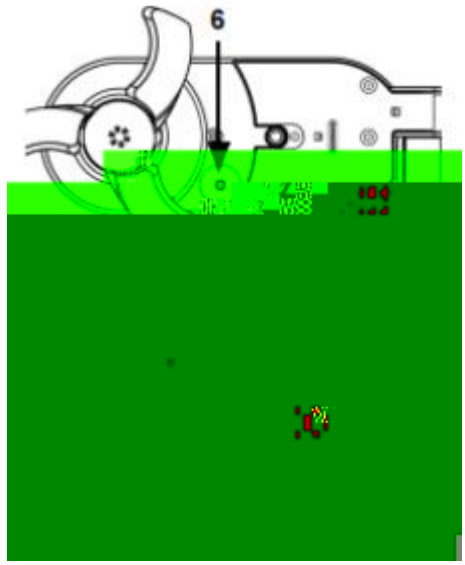

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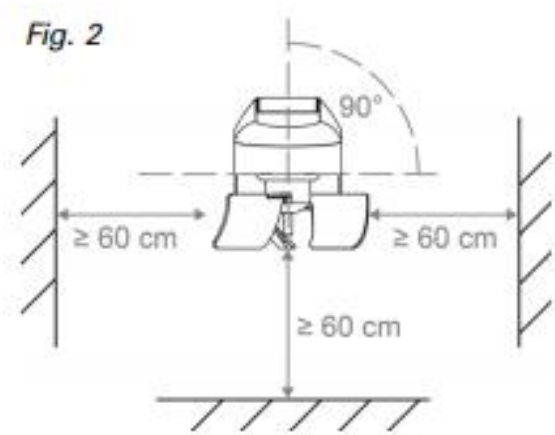
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Fig. 1



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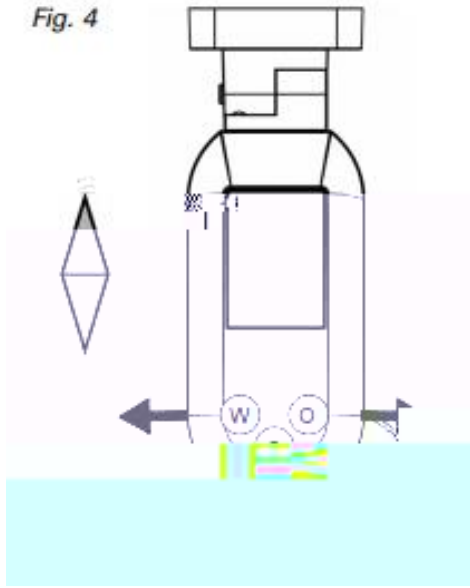




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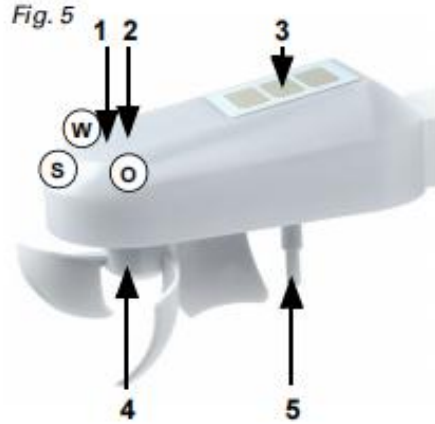
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Fig. 4



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Fig. 5



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Fig. 6

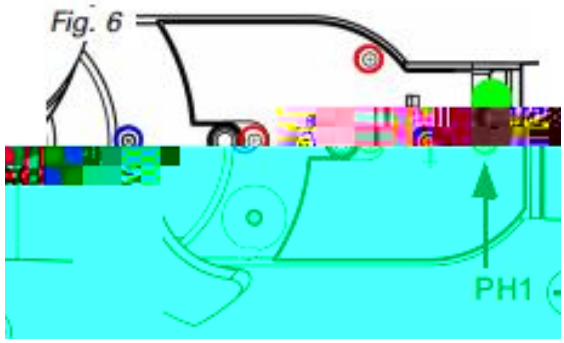
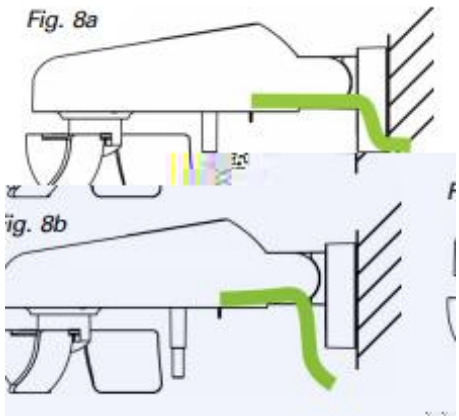


Fig. 7



Fig. 8a



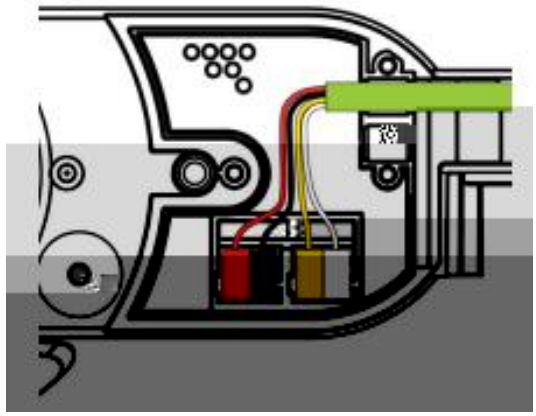
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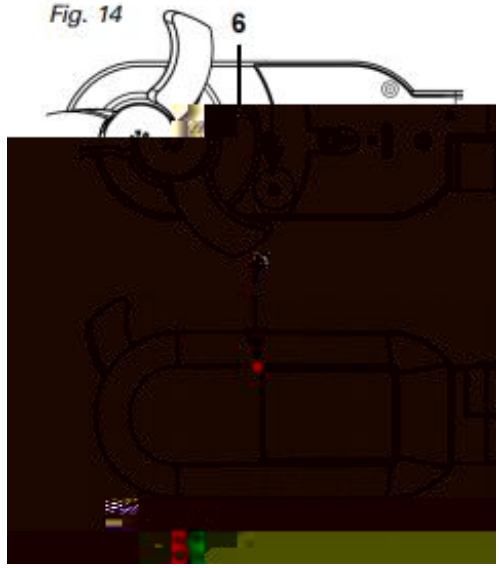
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Fig. 9



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Fig. 14

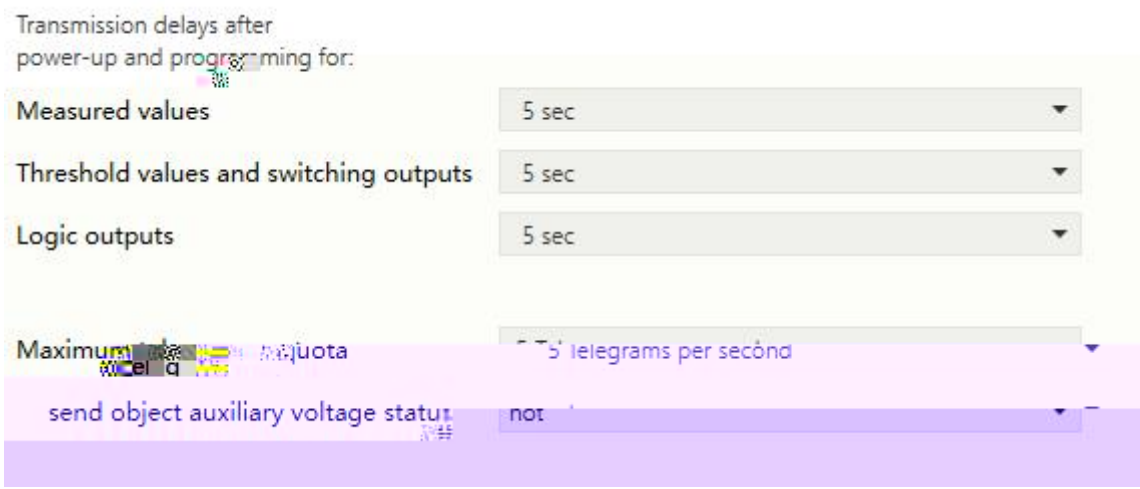


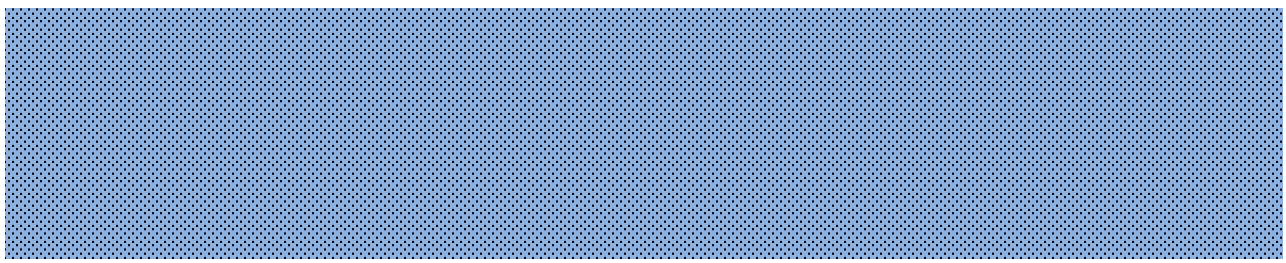
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STOP

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Transmission delays after
power-up and programming for:
Measured values
5 sec
Threshold values and switching outputs
5 sec
Logic outputs
5 sec
quota
telegrams per second
send object auxiliary voltage statu
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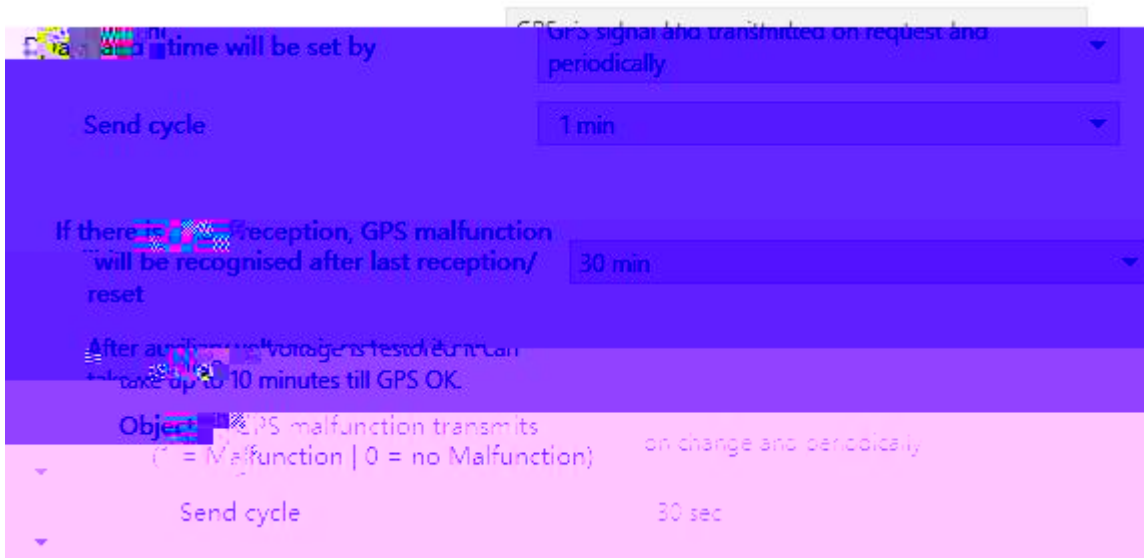
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time will be set by
GPS signal and transmitted on request and periodically
Send cycle
1 min
reception, GPS malfunction will be recognised after last reception/ reset
30 min
take up to 10 minutes till GPS OK.
GPS malfunction transmits
= Malfunction | 0 = no Malfunction)
on change and periodically
Send cycle
30 sec

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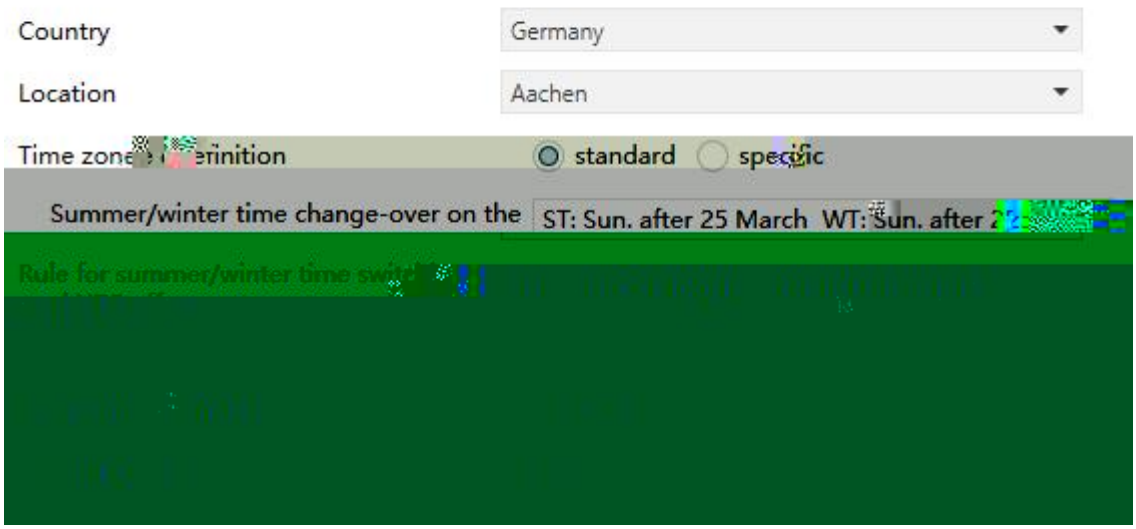
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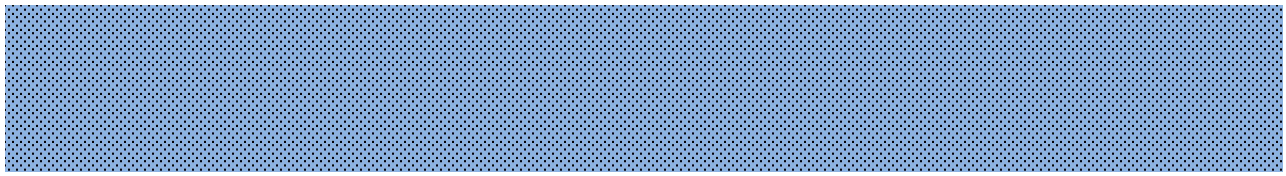
ATTENTION:
For the UTC offset and

the summer/winter time change-over
the location must be set



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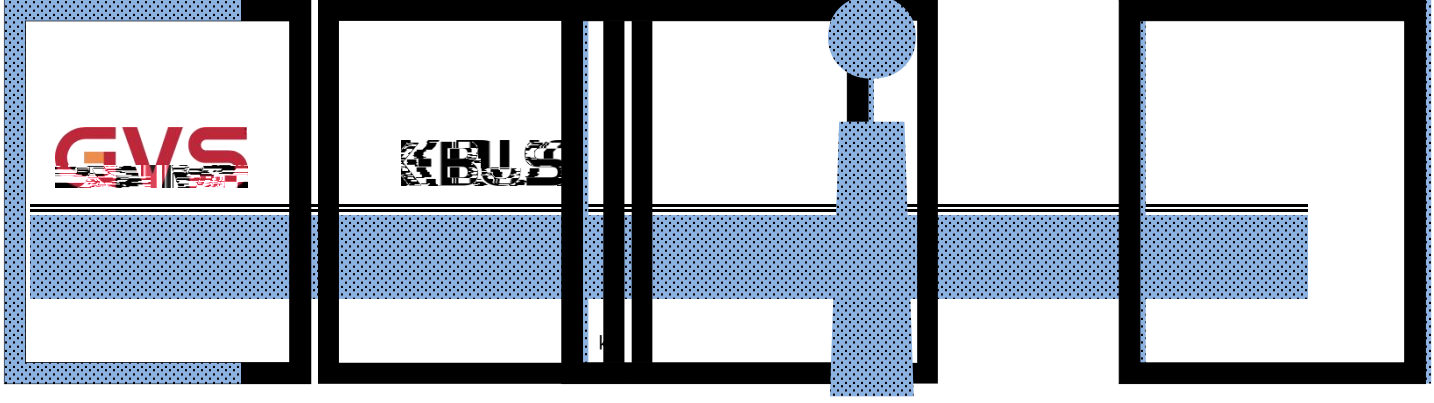
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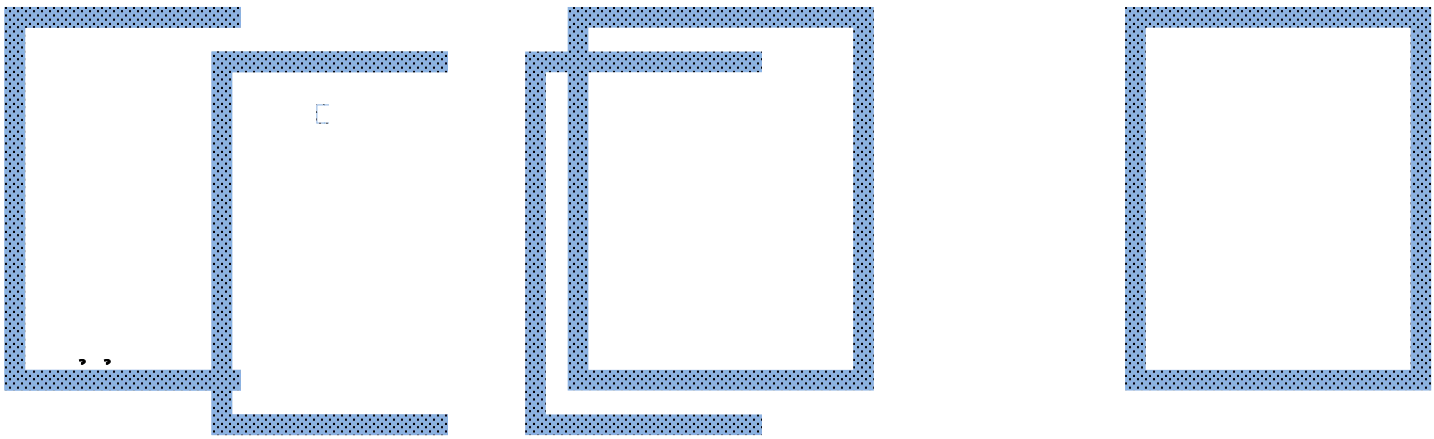
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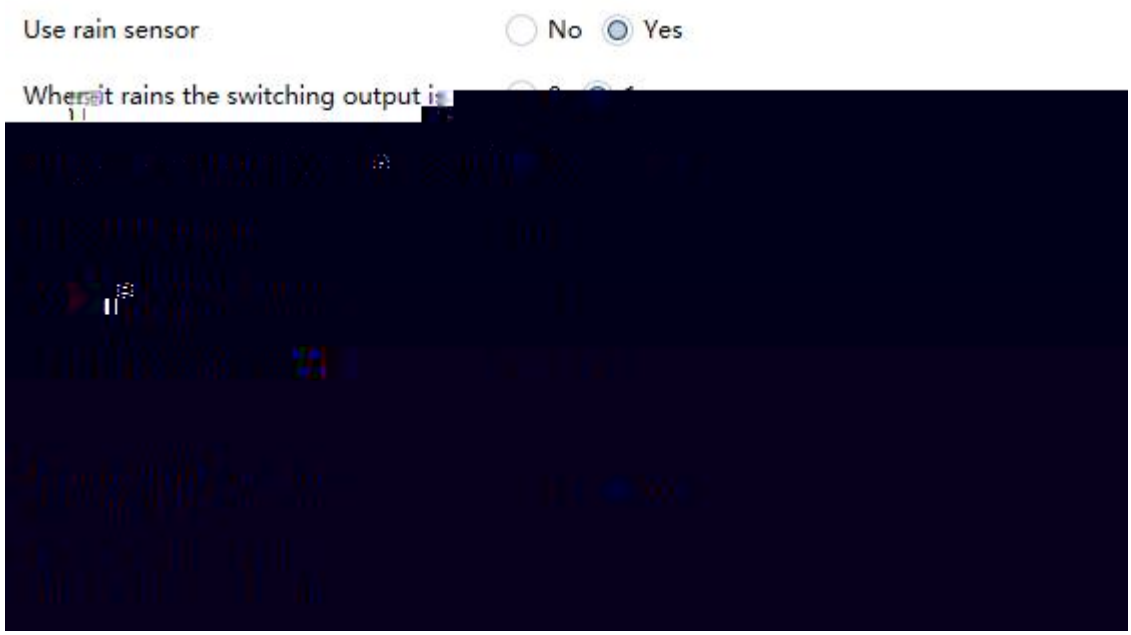
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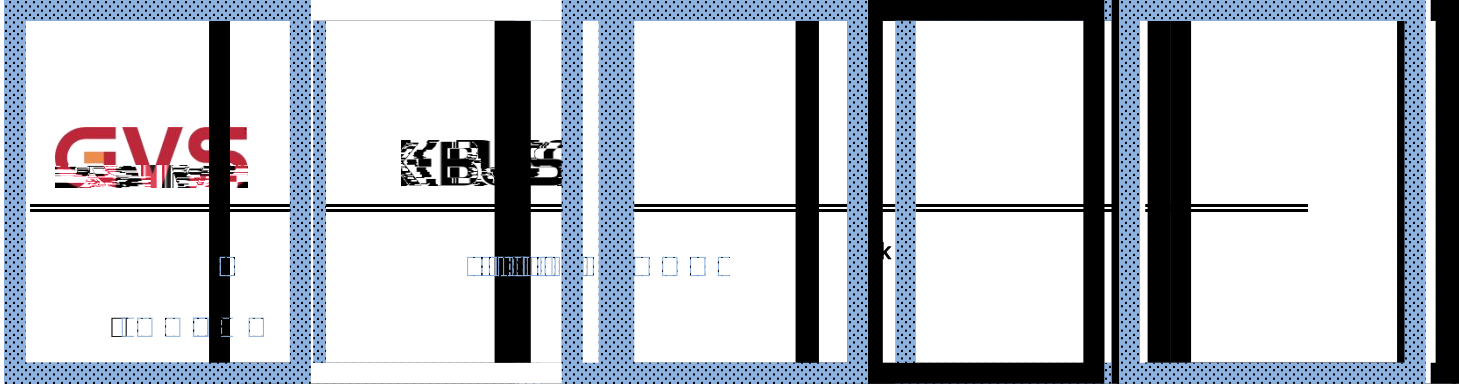
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Offset in 0.1°C
1
Measured value
send in case of change and cyclically
on change of
10%
Send cycle
5 sec
Use minimum and maximum values
No
Yes
Values are not maintained after
Use object "Temperature sensor
No
Yes
function"
1
No
Yes
Use threshold val
2
No
Yes
Use threshold val
Use threshold val
No
Yes

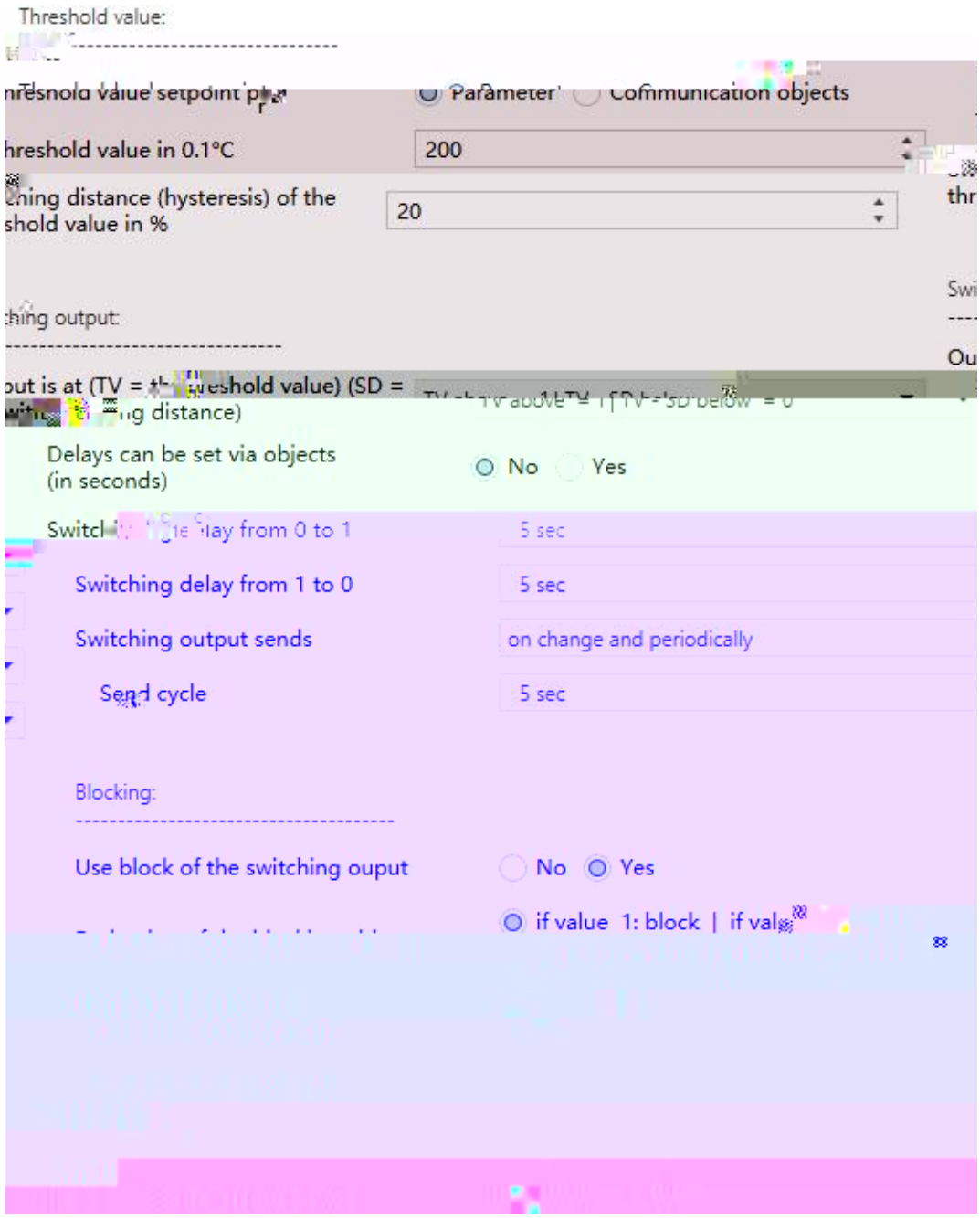
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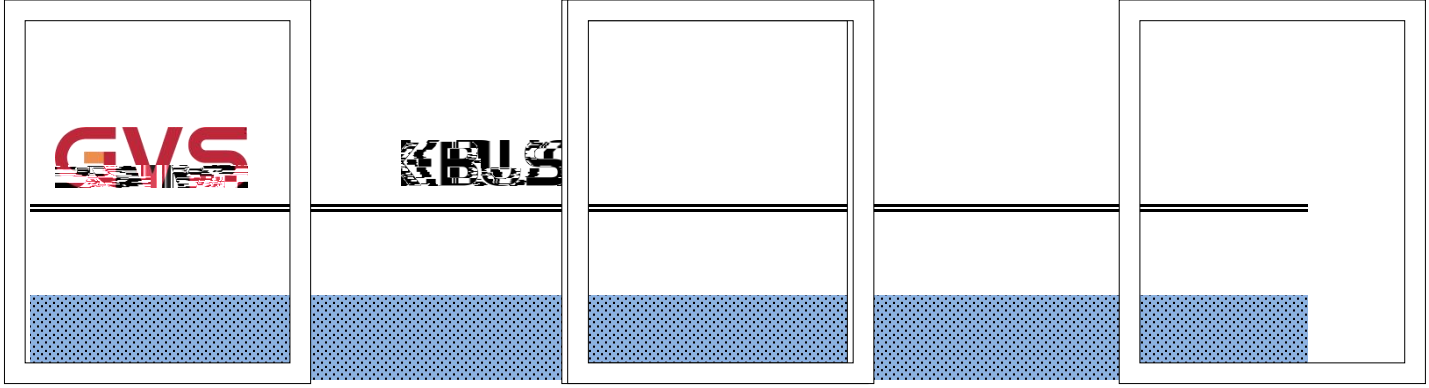
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Threshold value:
Parameter
Communication objects
hreshold value in 0.1°C
200
ching distance (hysteresis) of the
shold value in %
20
ching output:
Delays can be set via objects
(in seconds)
No
Yes
Switching delay from 0 to 1
5 sec
Switching delay from 1 to 0
5 sec
Switching output sends
on change and periodically
Send cycle
5 sec
Blocking:
Use block of the switching ouput
No
Yes
if value 1: block | if val



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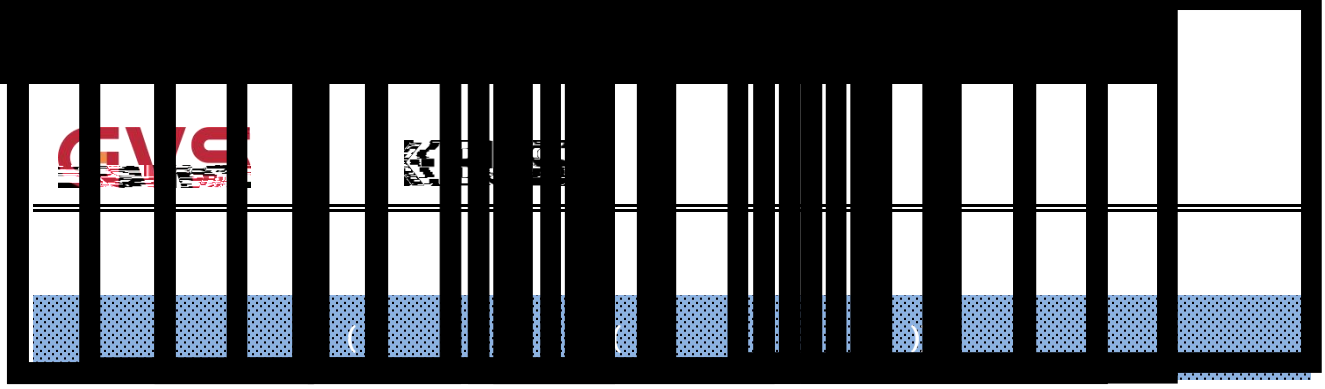
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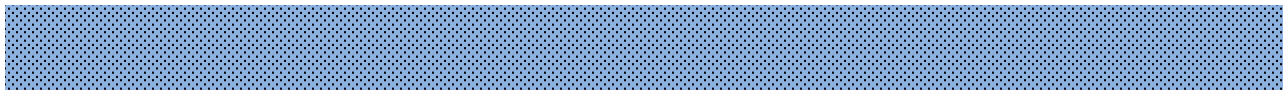
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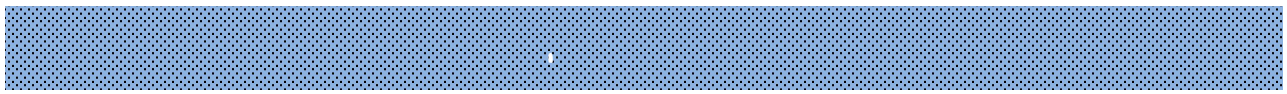
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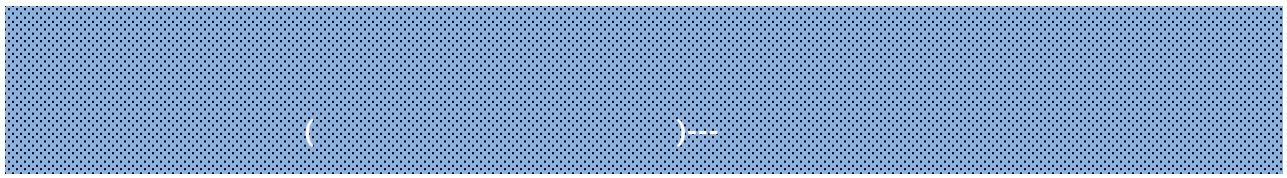
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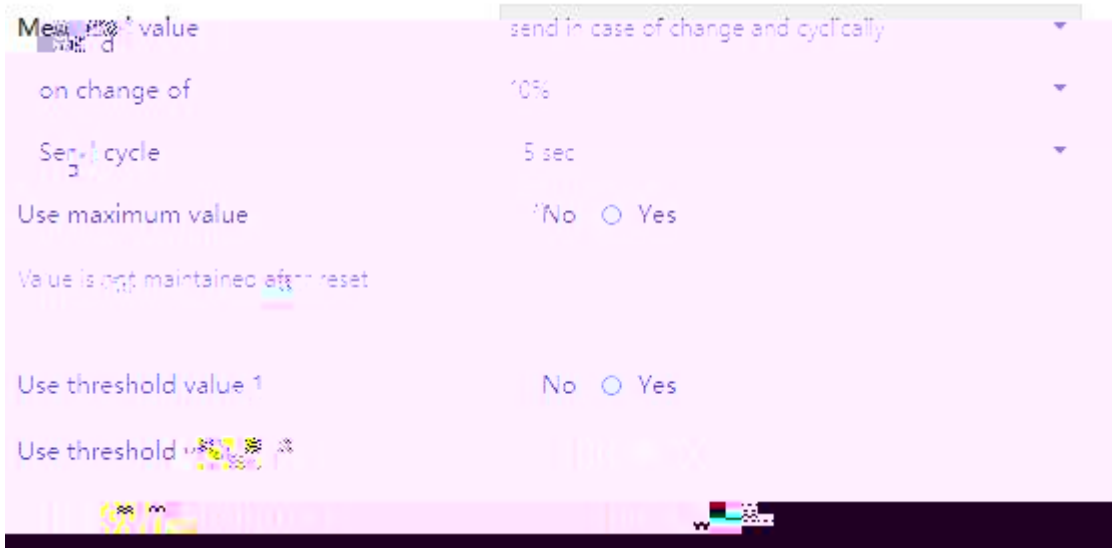


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send in case of change and cyclically
10%
5 sec
No
Yes
No
Yes

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Measured value
send in case of change and cyclically
on change of
10%
Send cycle
5 sec
Use threshold value 1
No
Yes
Use threshold value 2
No
Yes
No
Yes
No
Yes

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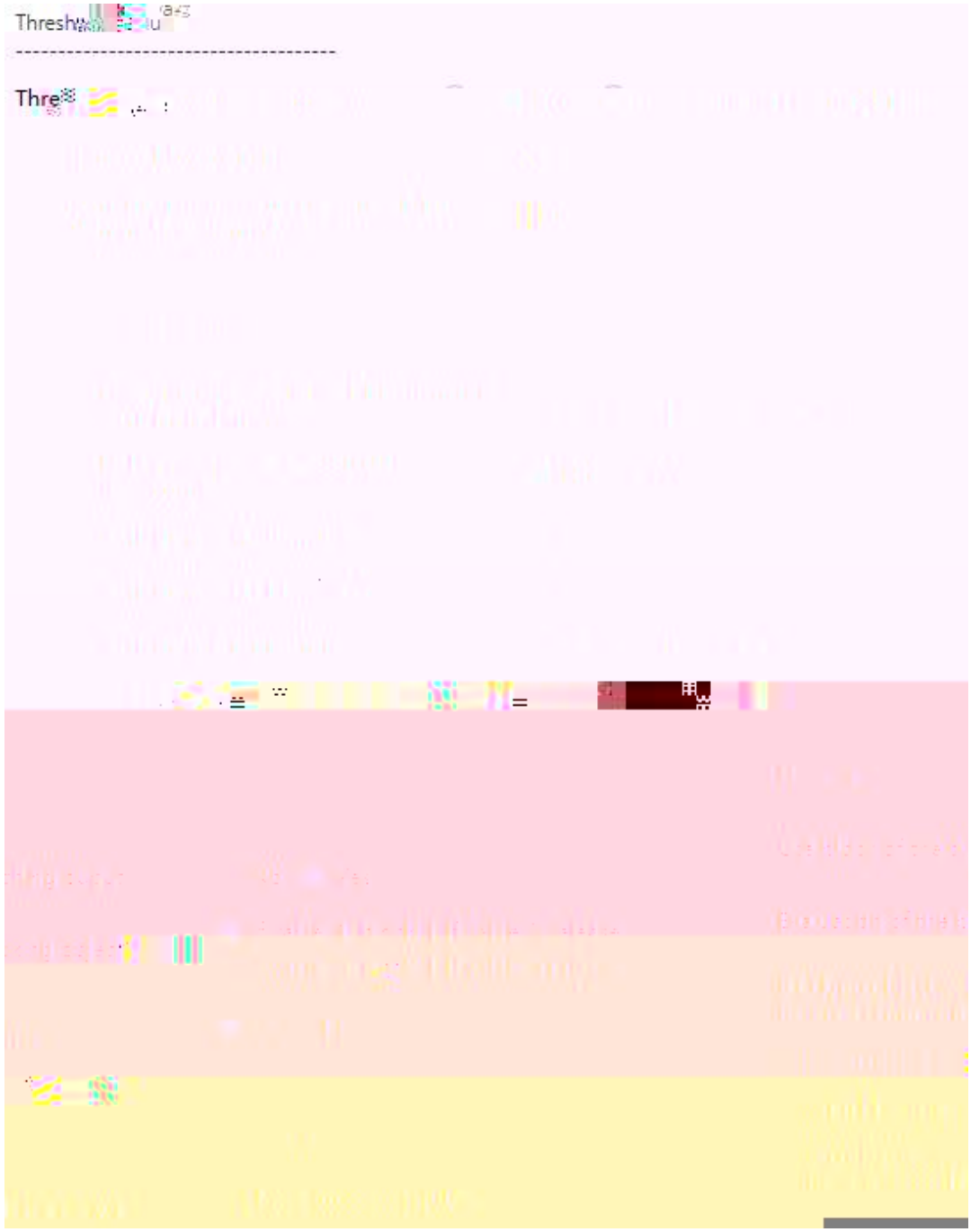

Threshold value:
Parameter
Threshold value in klux
60
Switching distance (hysteresis) of the threshold value in %
20
No
Yes
Behaviour of the switching output
With blocking
Send 1
on release:
(with 2 seconds release delay)

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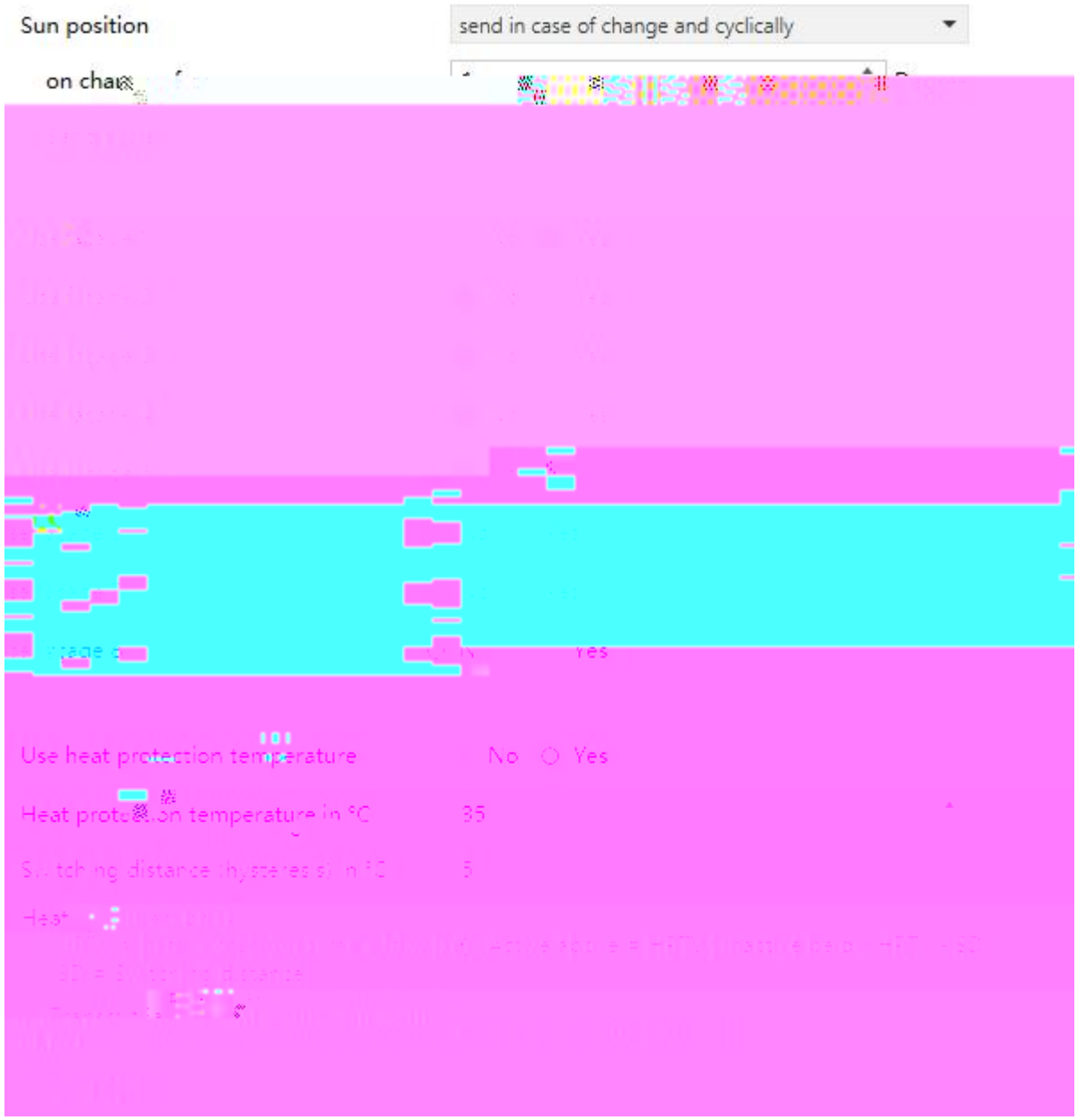

Use threshold value 1
No
Yes
Use threshold value 2
No
Yes
Use threshold value 3
No
Yes

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Sun position
send in case of change and cyclically
Yes
Use heat protection temperature
No
Yes
Heat protection temperature in °C
35
5

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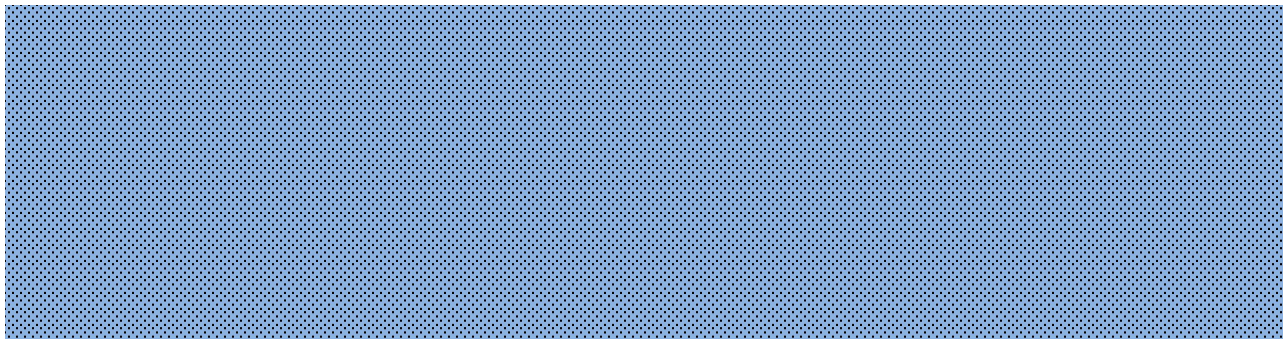




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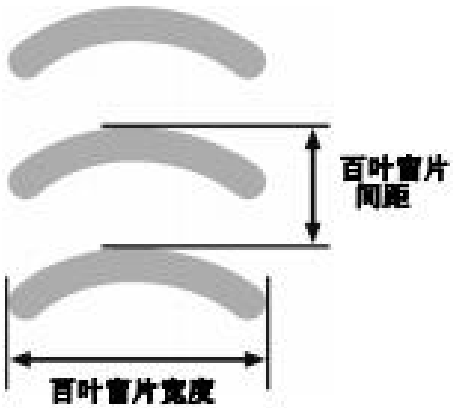
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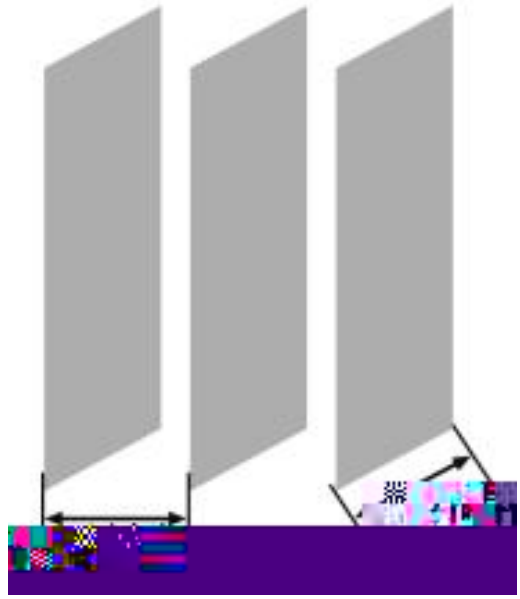
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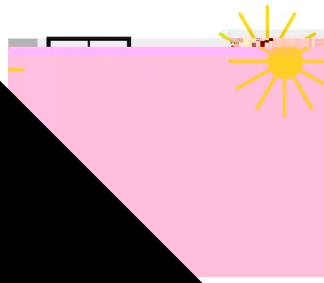
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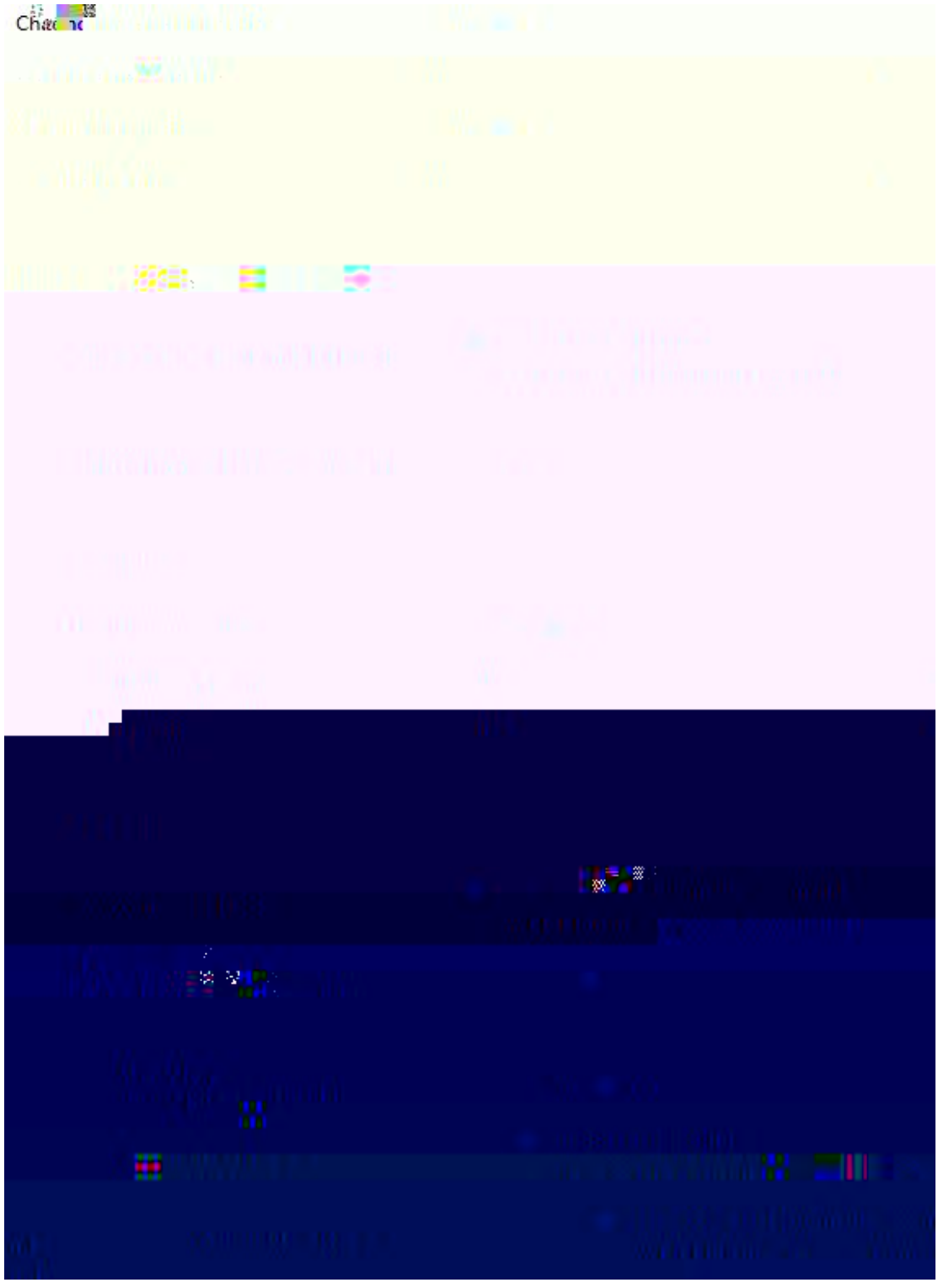
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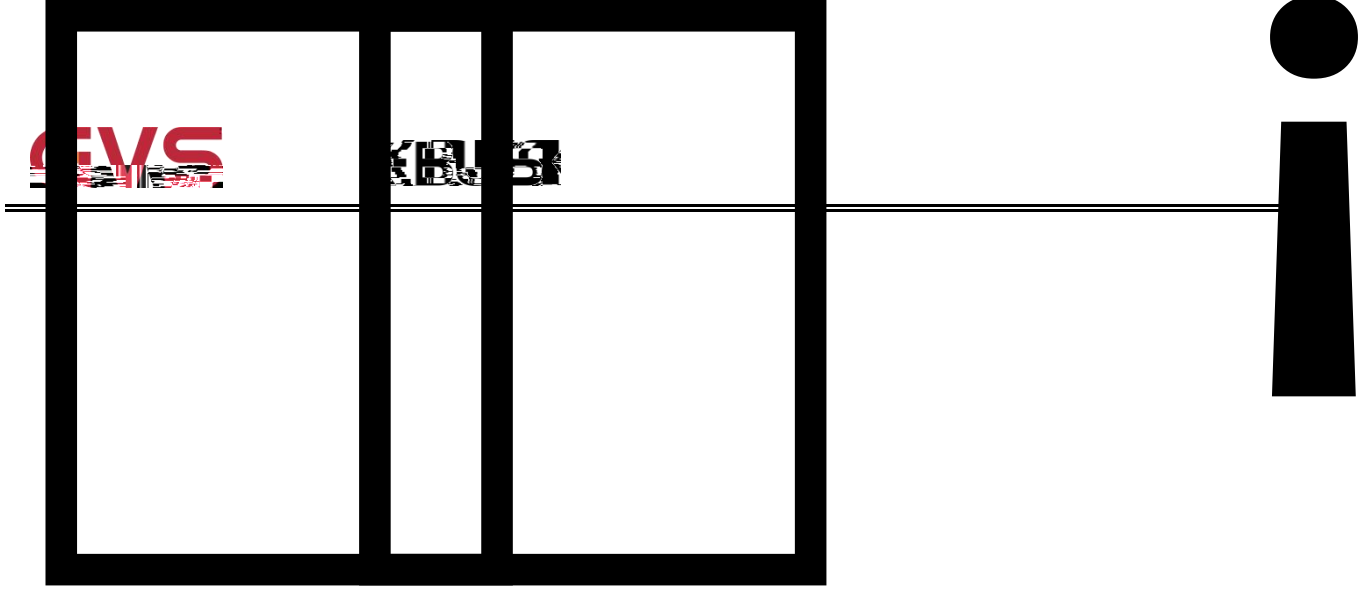
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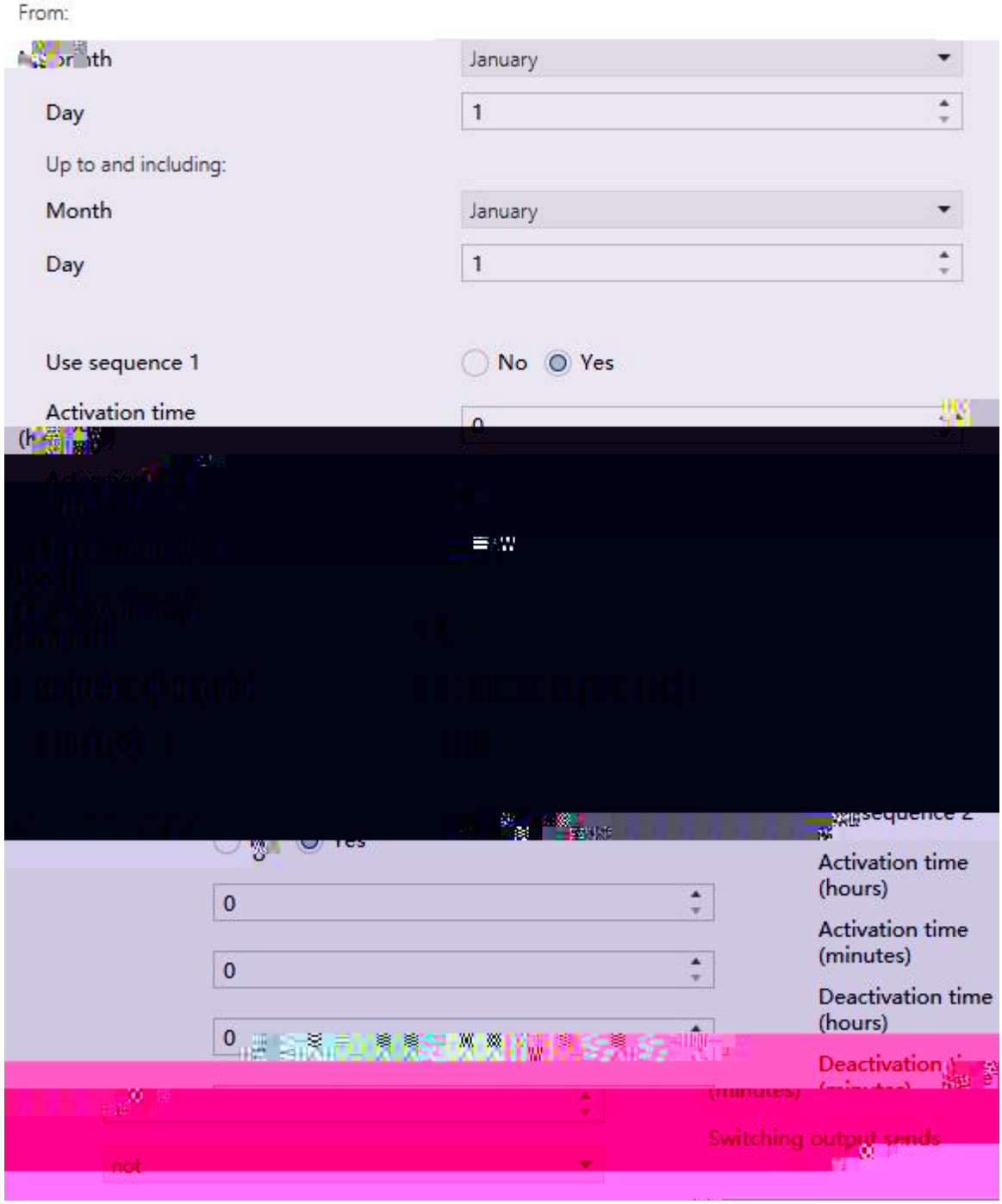
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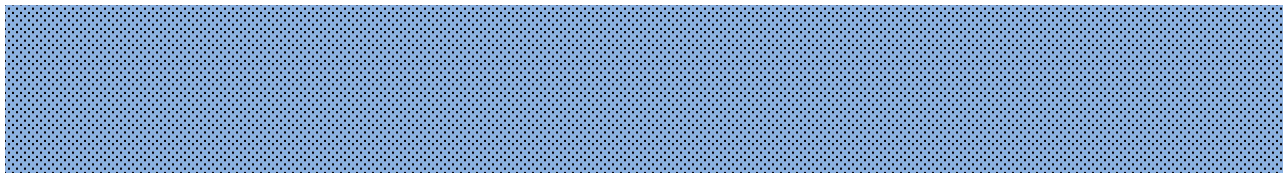


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Use period 1	○ No	◉ Yes
Use period 2	○ No	◉ Yes
Use period 3	○ No	◉ Yes

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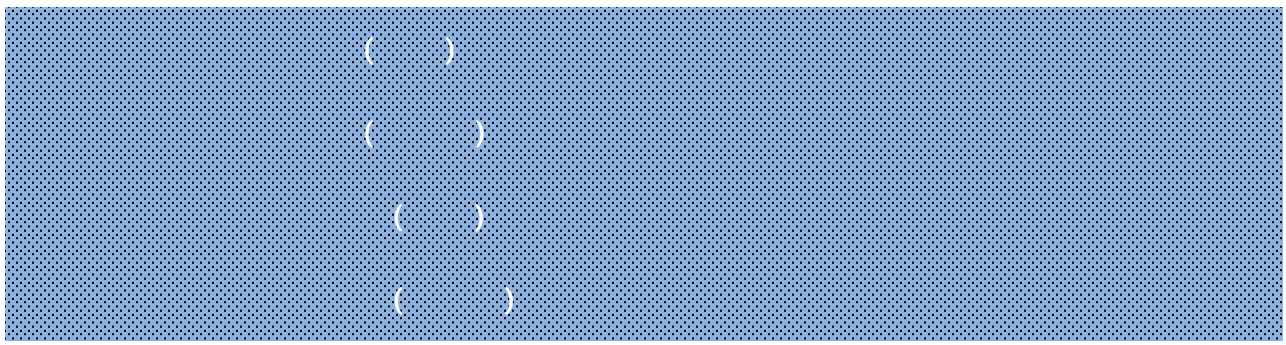

From:
Month
January
Day
1
Up to and including:
Month
January
Day
1
Use sequence 1
No
Yes
Activation time
0
Activation time (hours)
0
Activation time (minutes)
0
Deactivation time (hours)
Switching output sends
not



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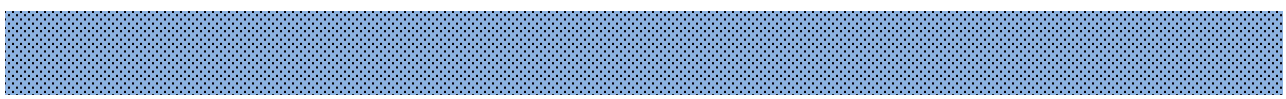
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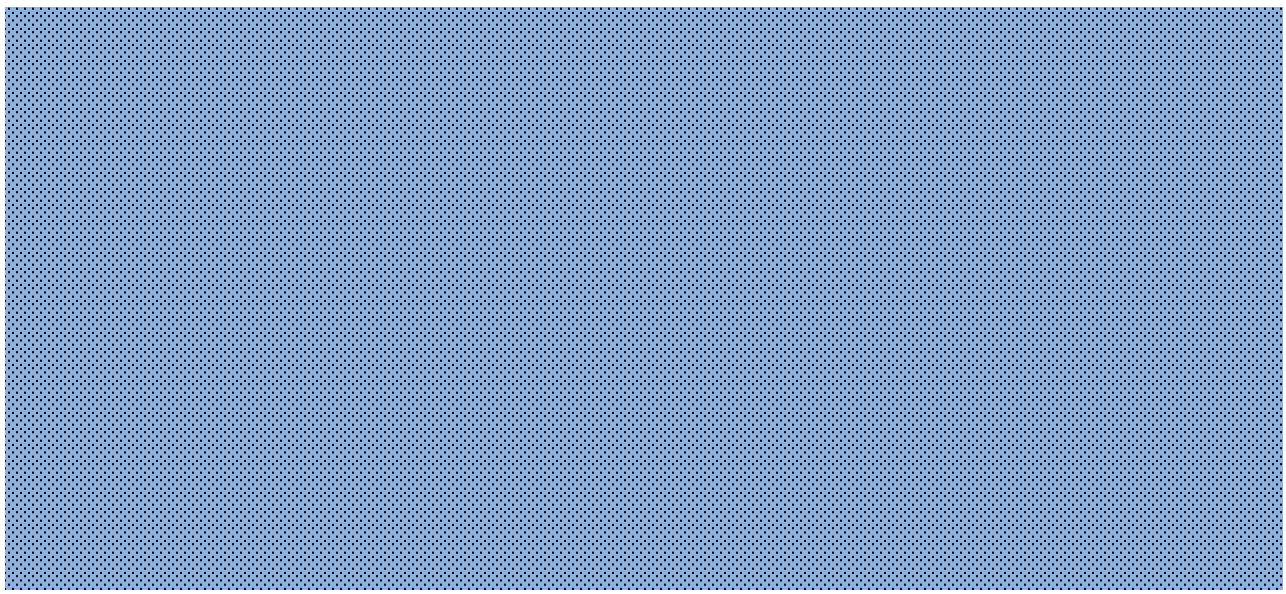
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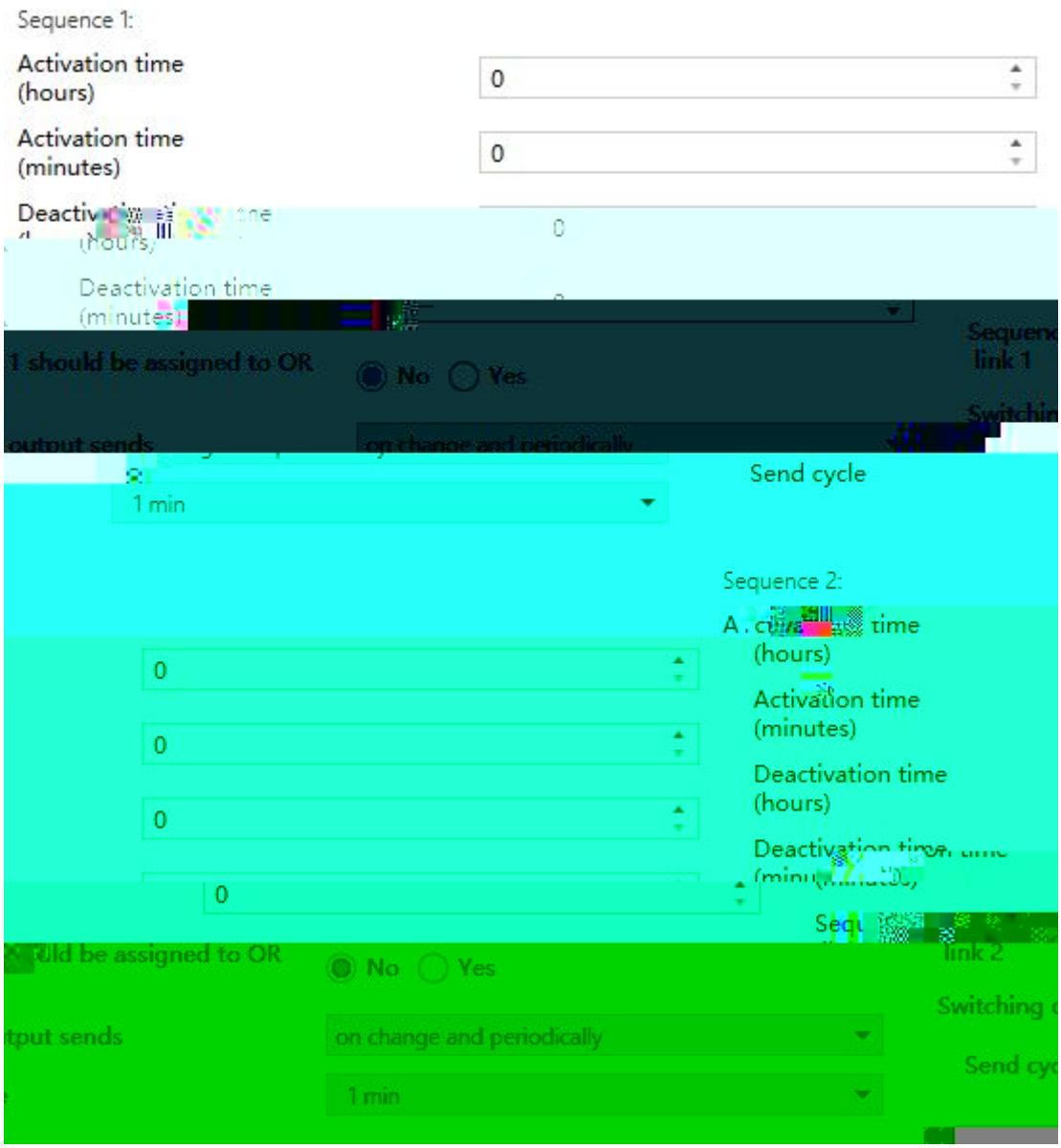
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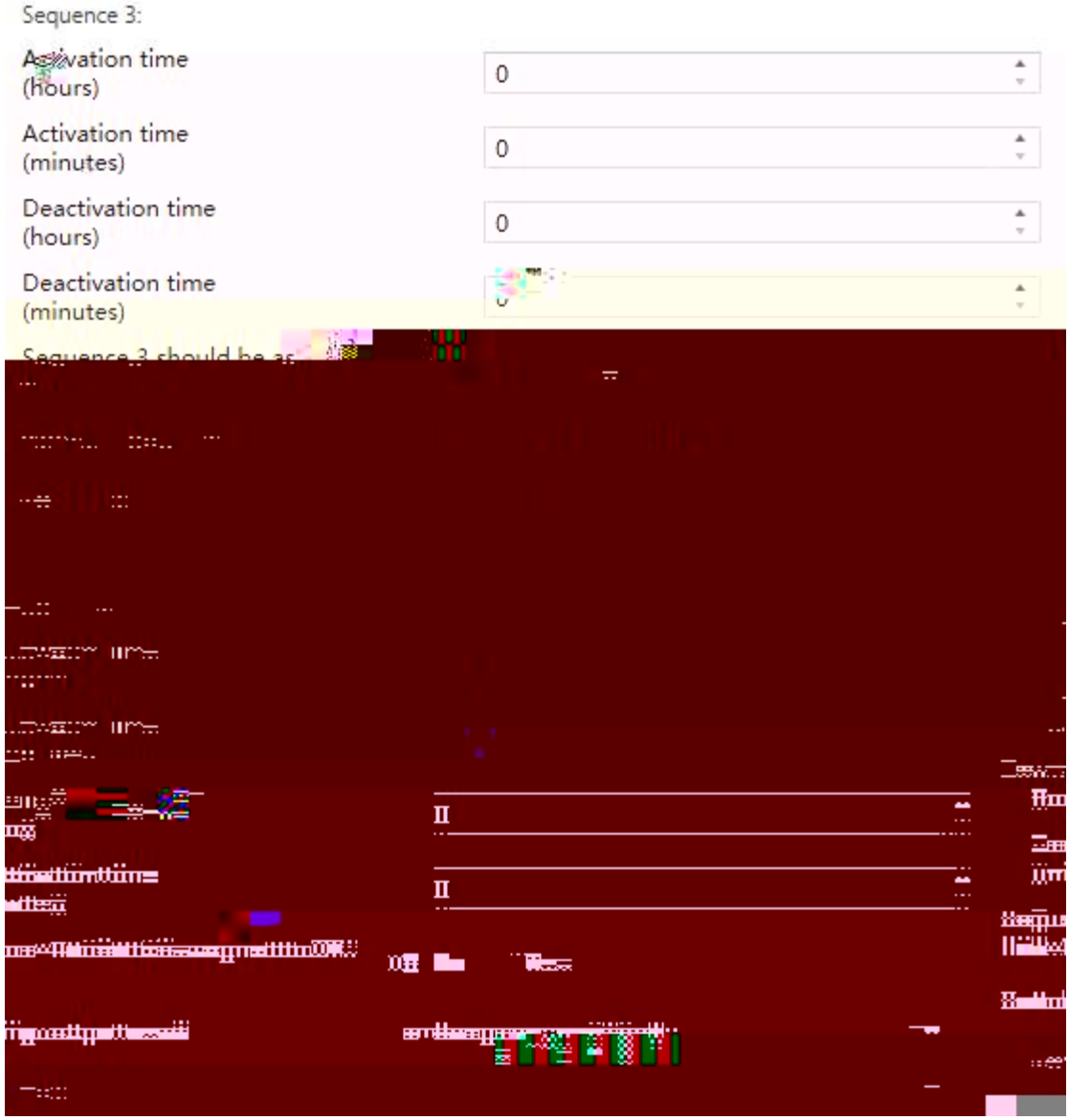
Activations:

Monday	○ No	◉ Yes
Tuesday	○ No	◉ Yes
Wednesday	○ No	◉ Yes
Thursday	○ No	◉ Yes
Friday	○ No	◉ Yes
Saturday	○ No	◉ Yes
Sunday	○ No	◉ Yes



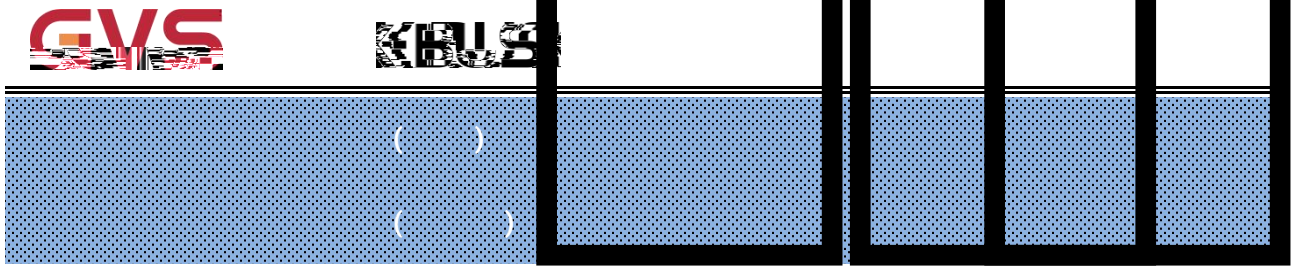
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Sequence 1:
Activation time (hours)
0
Activation time (minutes)
0
Deactivation time (hours)
0
Deactivation time (minutes)
No
Yes
Send cycle
1 min
Sequence 2:
Activation time (hours)
0
Activation time (minutes)
0
Deactivation time (hours)
0
0
No
Yes
on change and periodically
1 min


Sequence 3:
Activation time (hours)
0
Activation time (minutes)
0
Deactivation time (hours)
0
Deactivation time (minutes)
0

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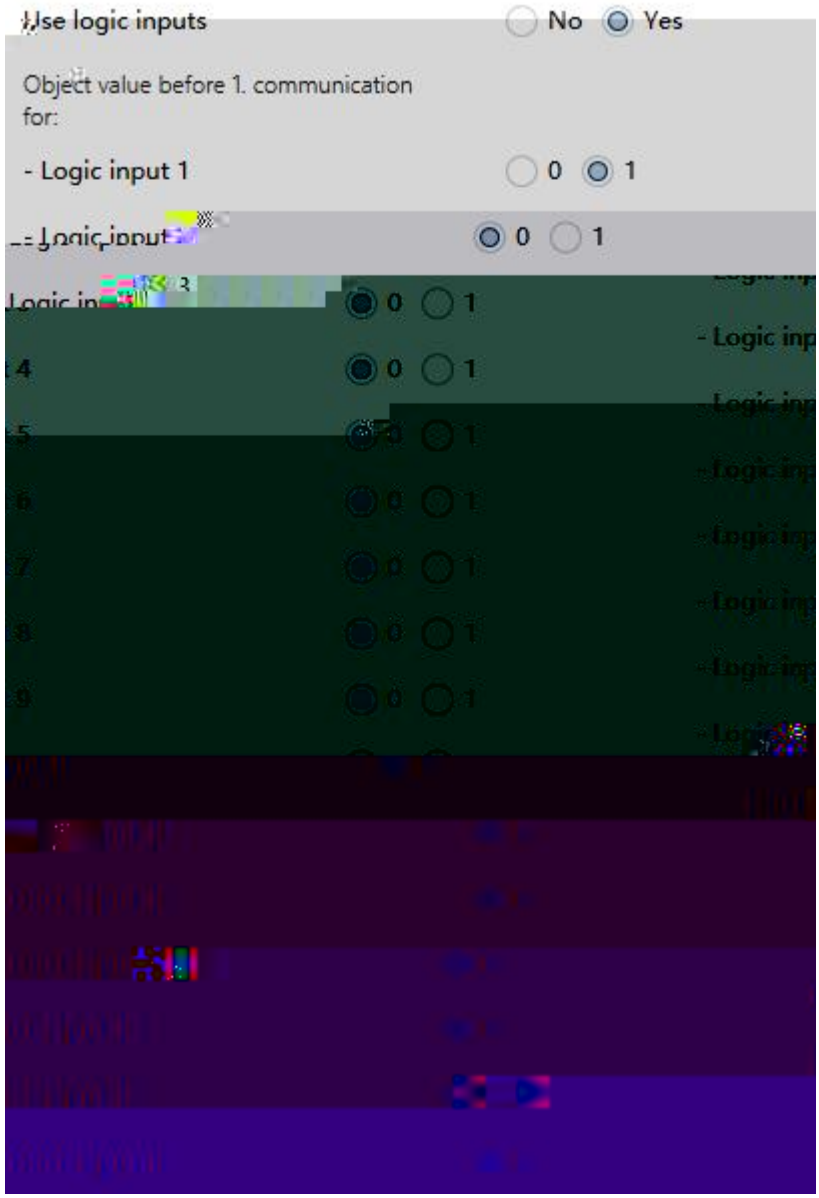
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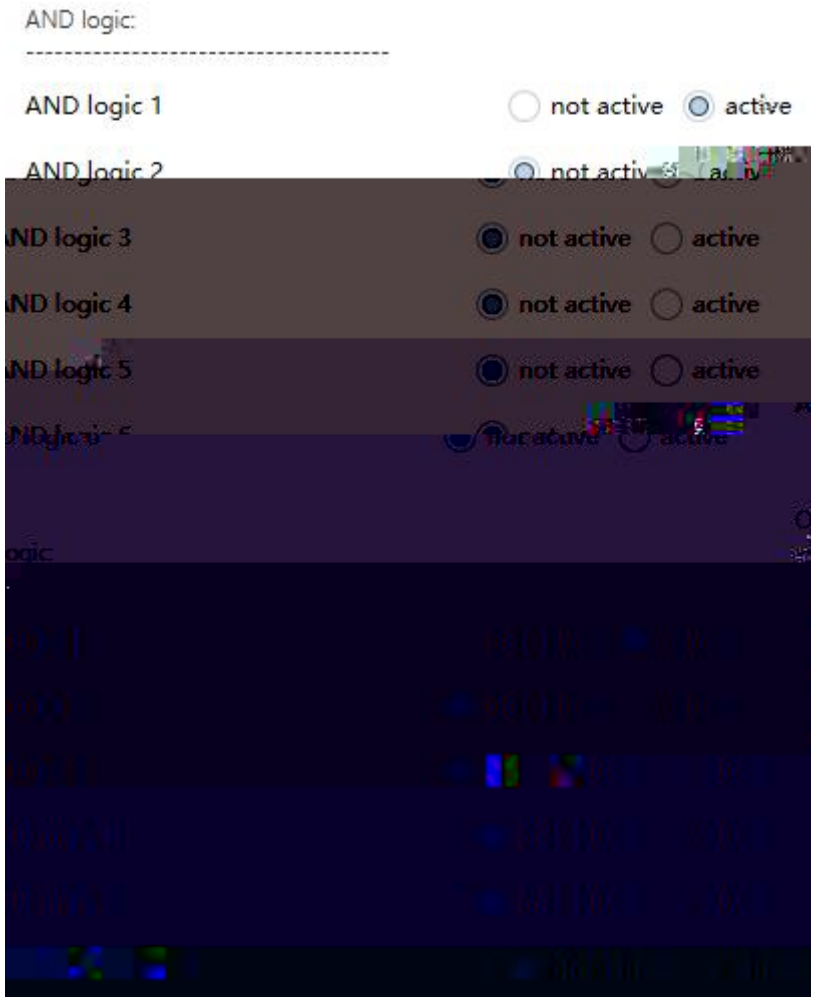
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Use logic inputs
No
Yes
Object value before 1. communication for:
- Logic input 1
0
1


AND logic:
AND logic 1
not active
active
not active
not active
not active
not active
not active
not active
not active
not active

k

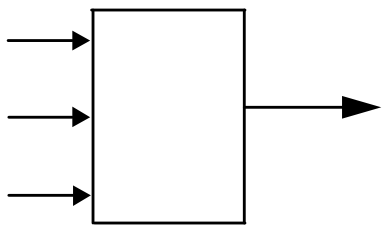
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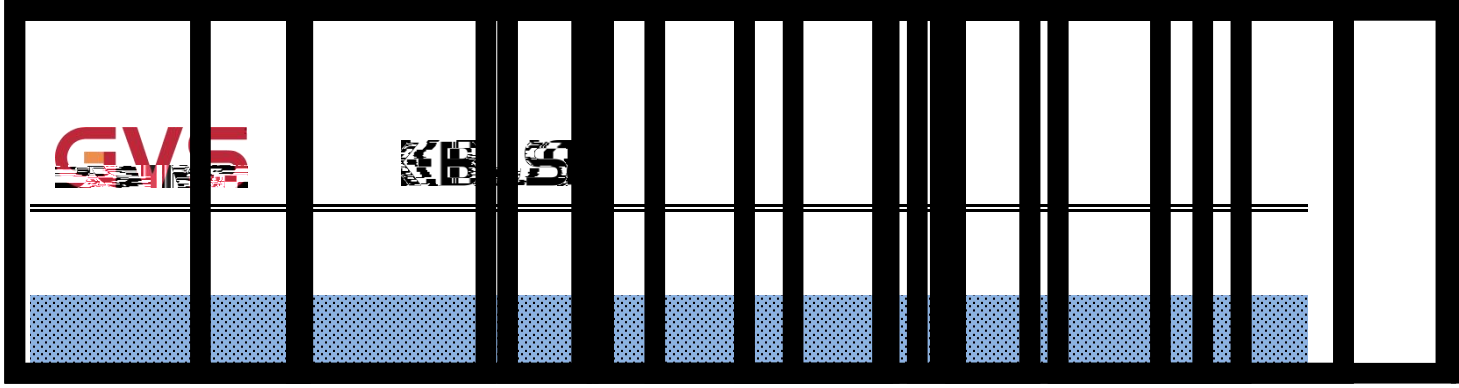


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1st input
do not use
2nd input
do not use
3rd input
do not use
4th input
do not use
Logic output sends
one 1 bit object
two 8 bit objects
Logic output sends
(0 ... 255)
0
send value for logic = 0
With release
(incl. 2 seconds relea



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0
Outout auxiliary voltage
Auxiliary voltage status (1=ON | 0
1 bit
C R - T - switch
Low

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Input/Output GPS
GPS date
3 bytes C R W T U date
Low
Input GPS
Date and time
3 bytes C R W T U time of day
Low

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k			k		
				, , , ,	,
k			k		
				,	,
k					k
				, ,	,
k					


5 Output location Location longitu 4 bytes C R - T - angle (degree) Low 6 Output loc
tion Location latitude [°] 4 bytes C R - T - angle (degree, Low

				, ,	( )
k					k
				, ,	( )
k					k

		, ,			
k					
		( )	, ,		,
k					
			, , ,		, ( )
k					
		(+ -)	, ,		,
k					
			, ,		, ( )
k					
			, ,		, ( )





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			, ,		'
k					

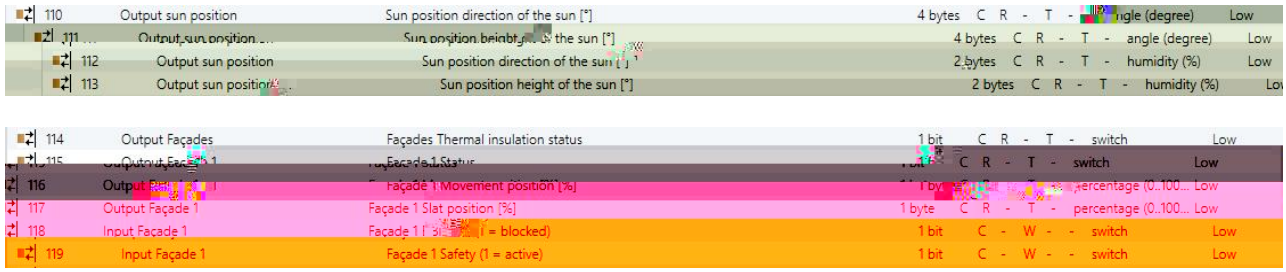
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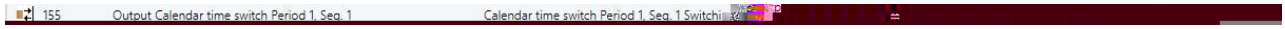


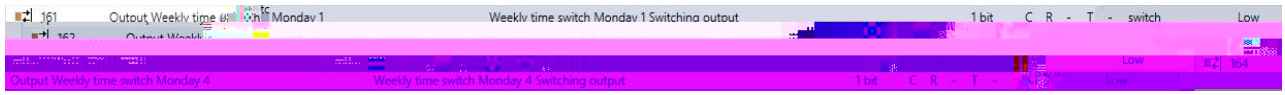
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110 Output sun position Sun position direction of the sun [°] 4 bytes C R - T - angle (degree) Low
111 Output sun position Sun position height of the sun [°] 4 bytes C R - T - angle (degree) Low
112 Output sun position Sun position direction of the sun [°] 2 bytes C R - T - humidity (%) Low
113 Output sun position Sun position height of the sun [°] 2 bytes C R - T - humidity (%) Low
114 Output Façades Façades Thermal insulation status 1 bit C R - T - switch Low
115 Output Façade 1 Façade 1 Status C R - T - switch Low
116 Output Façade 1 Façade 1 Movement position [%] 1 byte C R - T - percentage (0..100... Low
117 Output Façade 1 Façade 1 Slat position [%] 1 byte C R - T - percentage (0..100... Low
118 Input Façade 1 Façade 1 (1 = blocked) 1 bit C - W - - switch Low
119 Input Façade 1 Façade 1 Safety (1 = active) 1 bit C - W - - switch Low

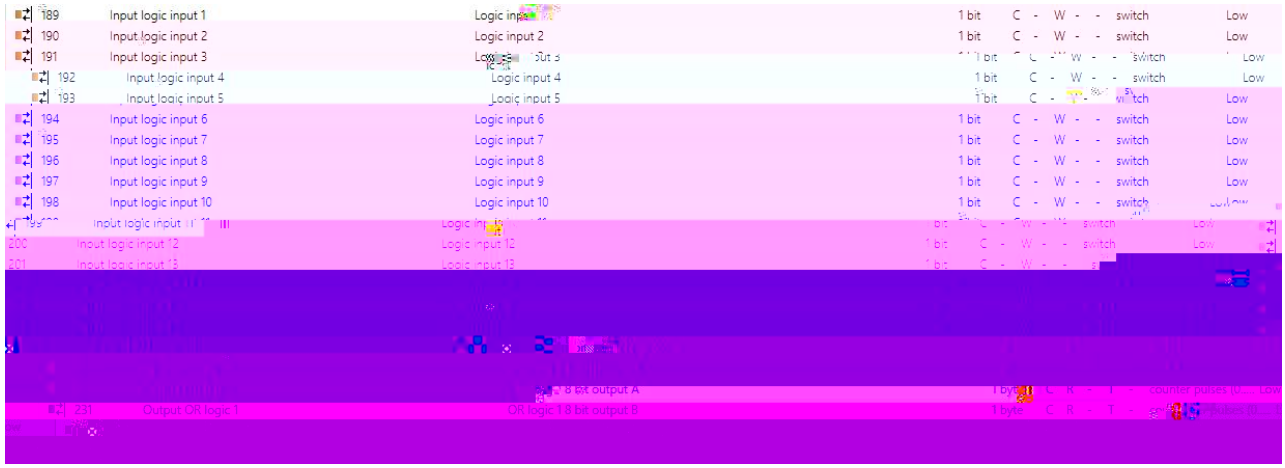
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		%	,		, (,,, %)
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		%	,		, (,,, %)
k					
		( )	,		,
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		( )	,		,
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155
Output Calendar time switch Period 1, Seg. 1
Calendar time switch Period 1, Seg. 1 Switchi


Output Weekly time switch Monday 4
Weekly time switch Monday 4 Switching output
1 bit
Low
164

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189 Input logic input 1 Logic input 1 1 bit C - W - - switch Low
190 Input logic input 2 Logic input 2 1 bit C - W - - switch Low
191 Input logic input 3 1 bit C - W - - switch Low
192 Input logic input 4 Logic input 4 1 bit C - W - - switch Low
193 Input logic input 5 Logic input 5 1 bit C - W - - switch Low
194 Input logic input 6 Logic input 6 1 bit C - W - - switch Low
195 Input logic input 7 Logic input 7 1 bit C - W - - switch Low
196 Input logic input 8 Logic input 8 1 bit C - W - - switch Low
197 Input logic input 9 Logic input 9 1 bit C - W - - switch Low
198 Input logic input 10 Logic input 10 1 bit C - W - - switch Low
200 Input logic input 12 Logic input 12 1 bit C - W - - switch Low
201 Input logic input 13 Logic input 13 1 bit C - W - -
231 Output OR logic 1 OR logic 1 8 bit output B 1 byte C R - T -

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k					
			' '		'
k					
			' '		
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			'		'
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k					