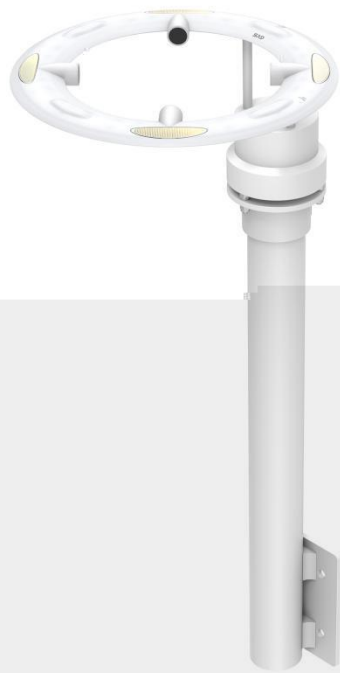




注意事项

1、请远离强磁场、高温、潮湿等环境；



远离磁场

远离高温

远离潮湿

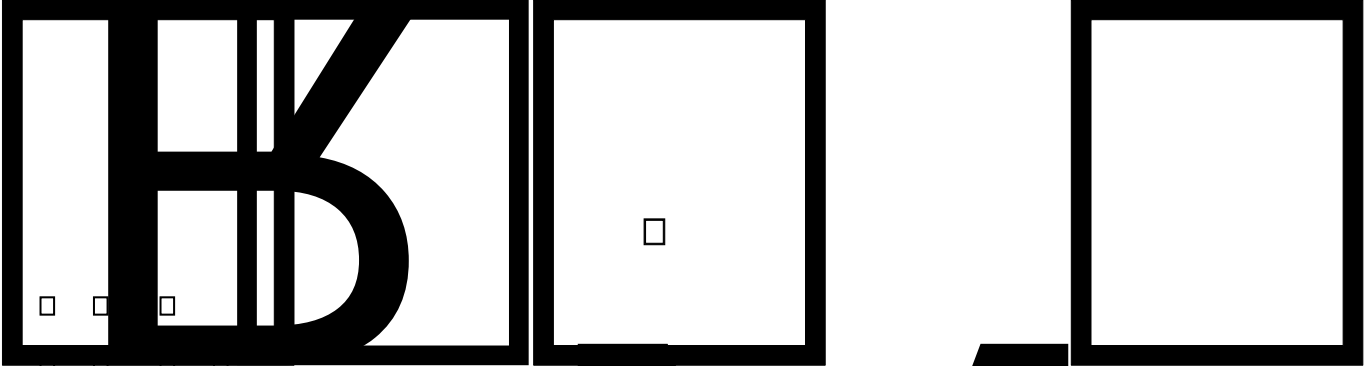
2、请勿在交付后随意将设备从包装中取出，以免受到人为损坏；



小心轻放



请勿摔落



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-25... 5 °C

-3 ... 7 °C

21~3 V DC

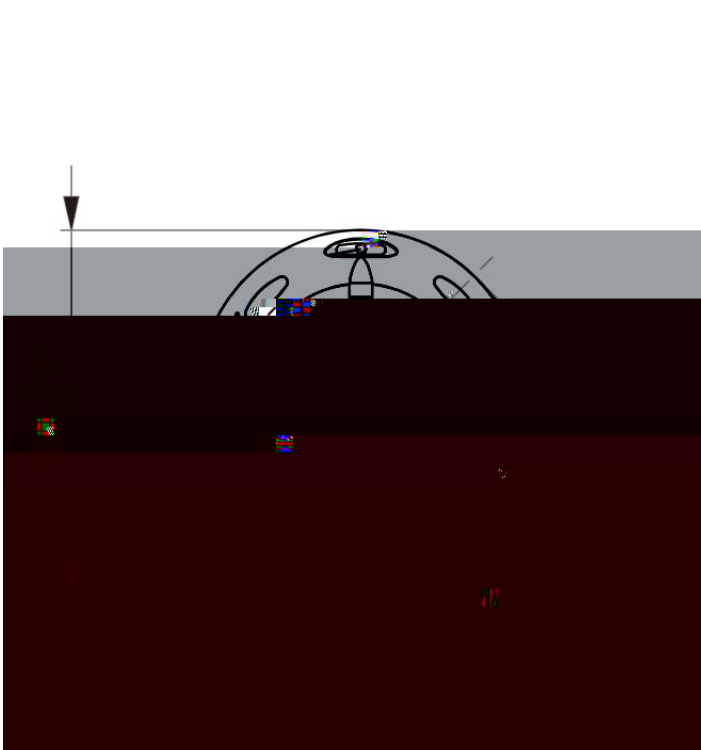
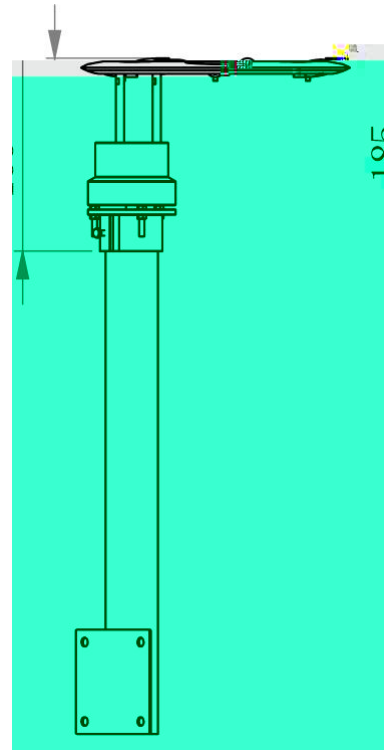
1 m +24V DC 15m +3 V DC

45 mW

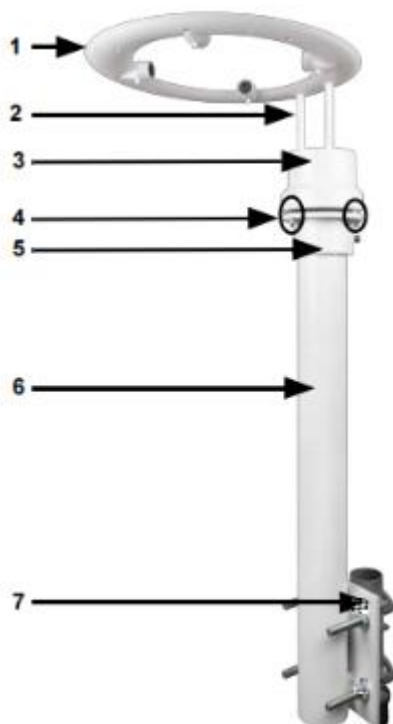
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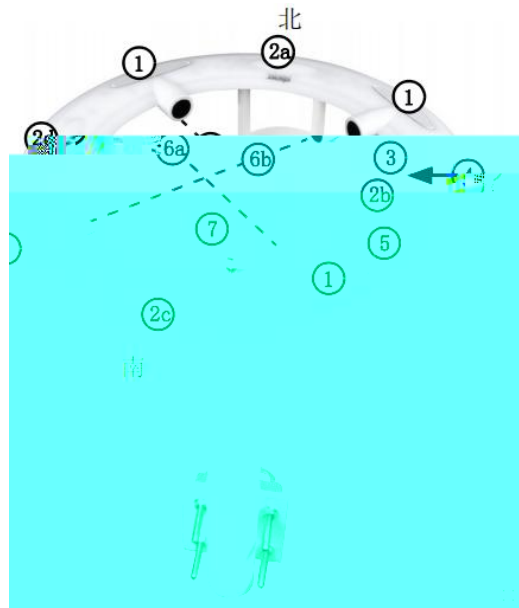
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6 cm □ □ k

Fig. 2





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Fig. 4



Fig. 5a



Fig. 5b



☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐ k (C) ☐ ☐ ☐ k

☐ ☐ ☐ ☐ ☐ ☐ k

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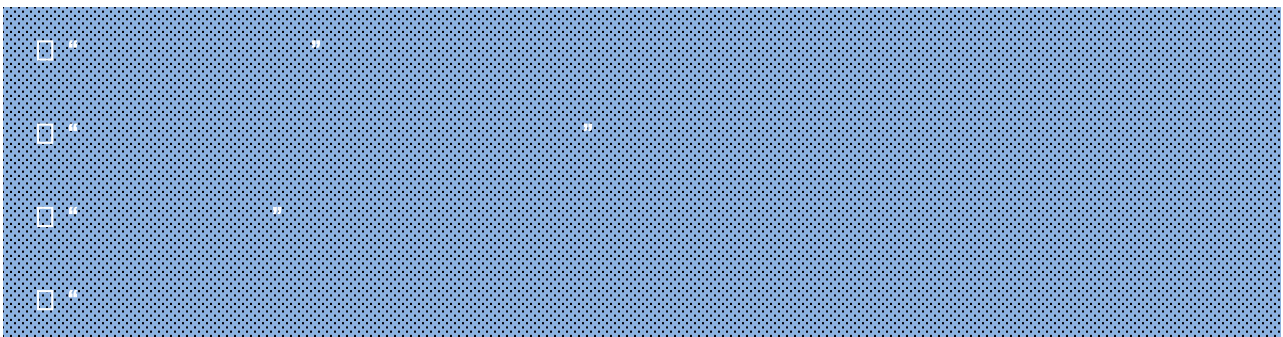
Pro

Transmission delays
after restoration for:

Measured values	5
Thresholds and switching outputs	5
Façade objects	5
Computer objects	5
Time switch objects	5
Logic objects	5
Maximum telegram queue	

4.1 "General settings"

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Object type date and time ☒ two separate objects ☐ a common object

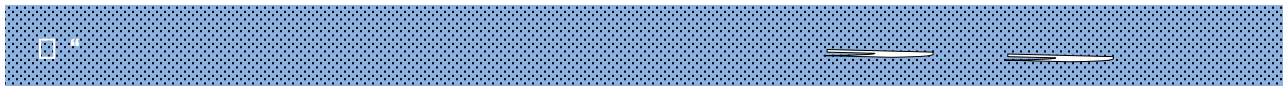
Date and time will be set by GPS signal and transmitted period

Send cycle

If no reception, GPS malfunction will be detected ... after last recep./reset

GPS malfunction object transmits (1: malfunction| 0: no malfunction)

4.2 □ □ □ □ □ " PS settings"



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Location is determined by Input (valid until first GPS reception)

Location is determined by Coordinates

Degree of longitude [west -180...+180 east] 9

Minute of longitude [west -59...+59 east] 10

Degree of latitude [south -90...+90 north] 48

Minute of latitude [south -59...+59 north]

Map view showing a street map with a location marker.

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Input (only valid until the first PS reception) $\square$ $\square$ PS $\square\square$ $\hat{U}$ $\square\square$ $\ddot{I}$ $\square$

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$\square\square$ “input” or “Input (valid until first PS reception)” $\square$ $\square$ k

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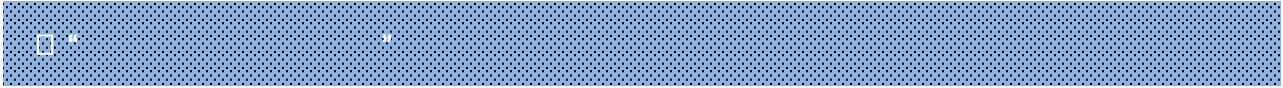
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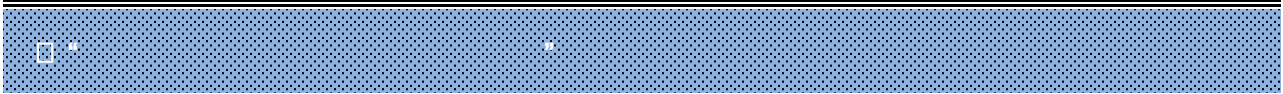
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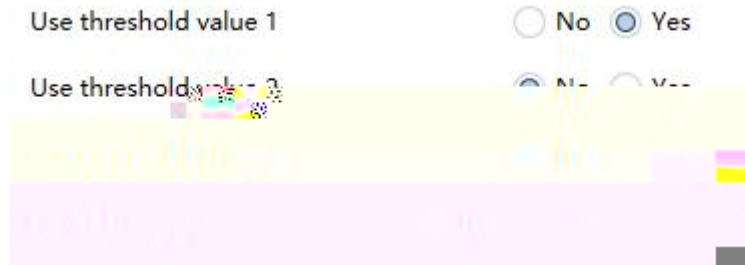
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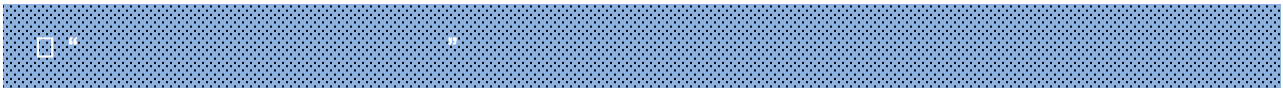


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4.6 □ □ □ □ □ "Temperature threshold value"



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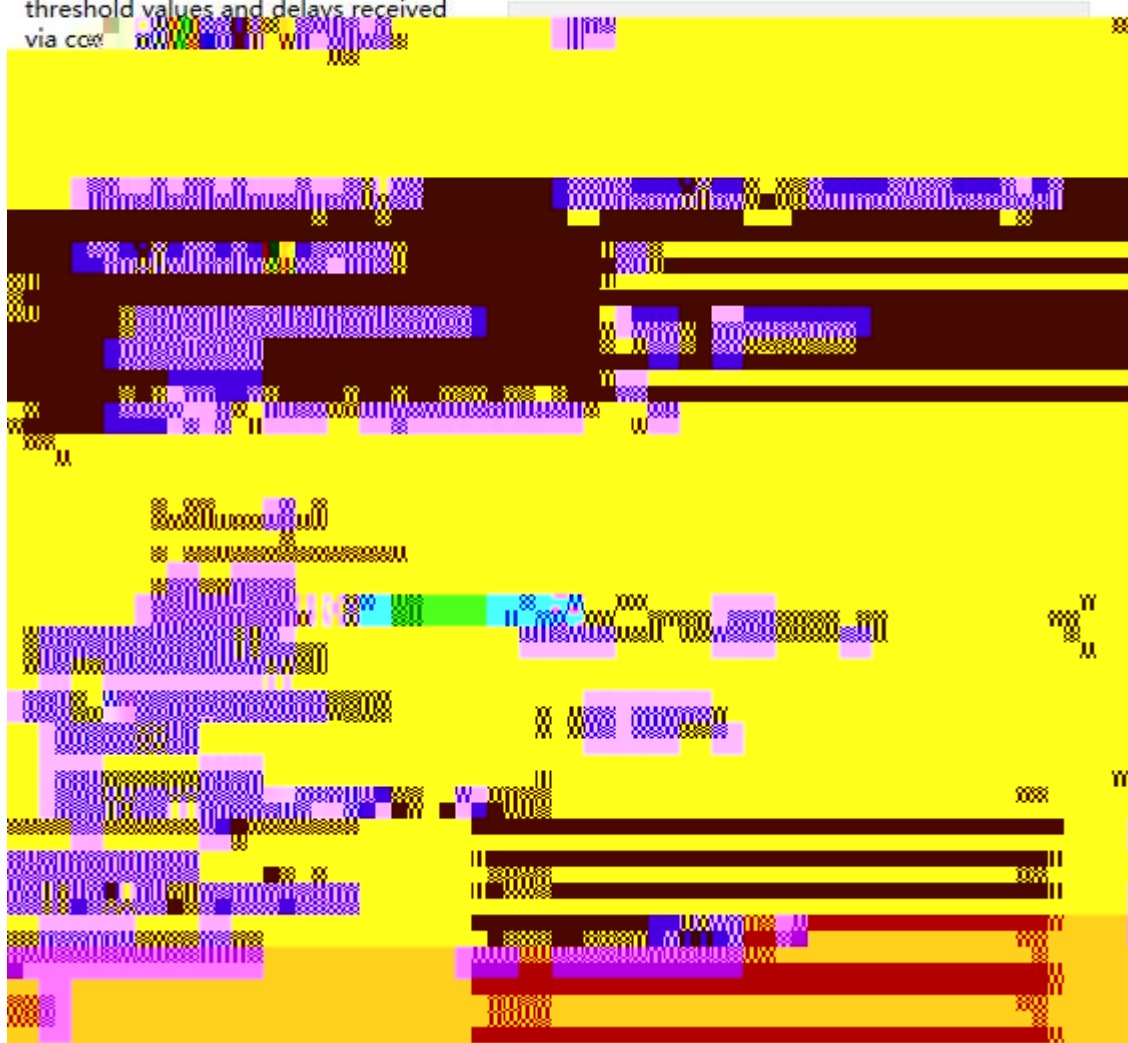
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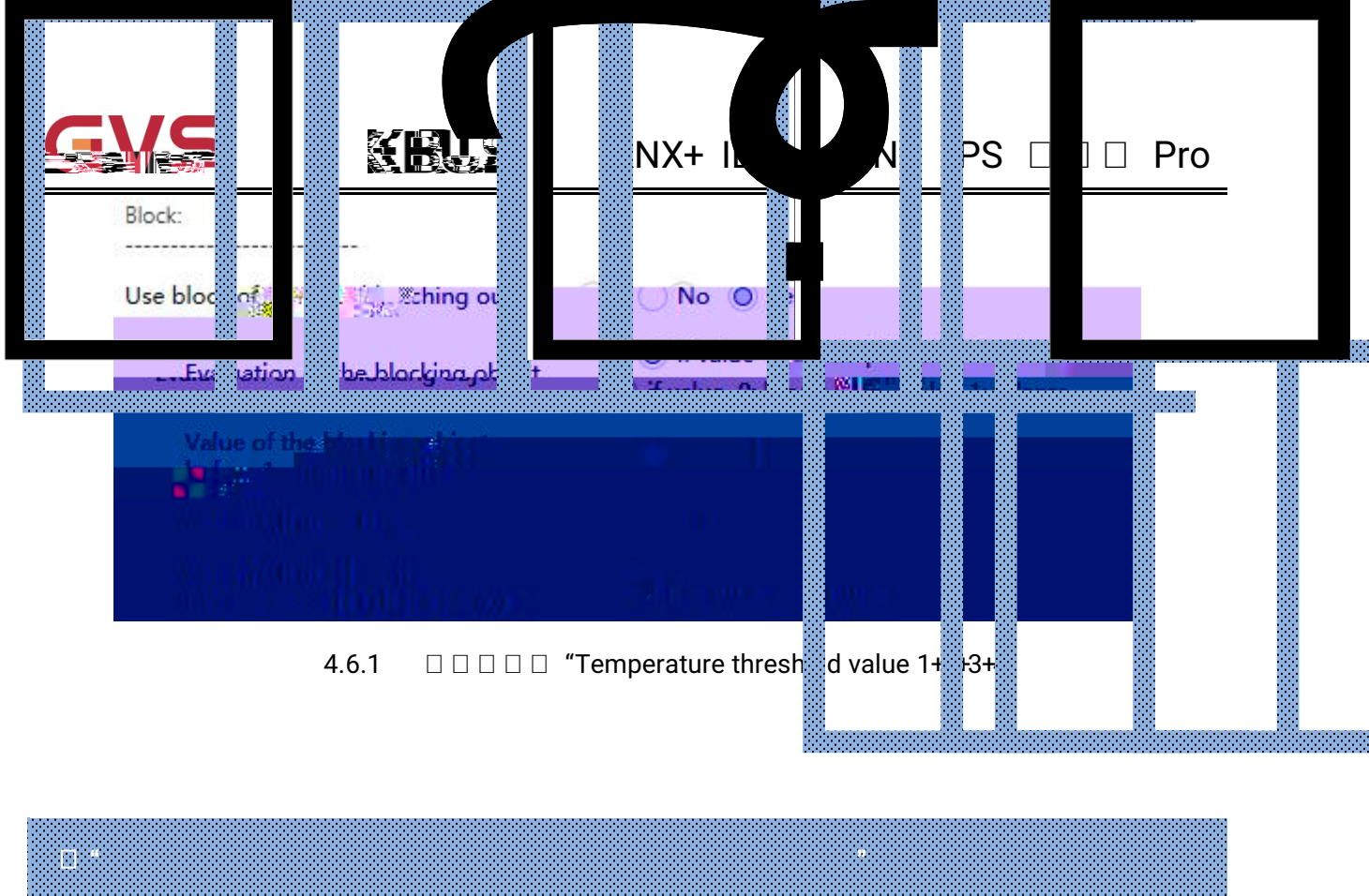
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Threshold value:

Maintain the

threshold values and delays received
via con





4.6.1 ☐ ☐ ☐ ☐ ☐ "Temperature threshold value 1+ +3+



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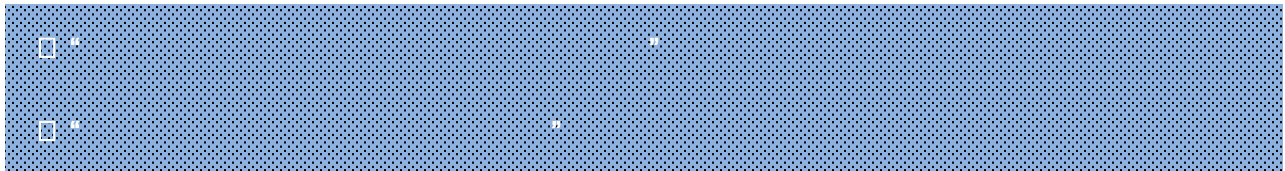
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to and periodically" ☐ ☐ k

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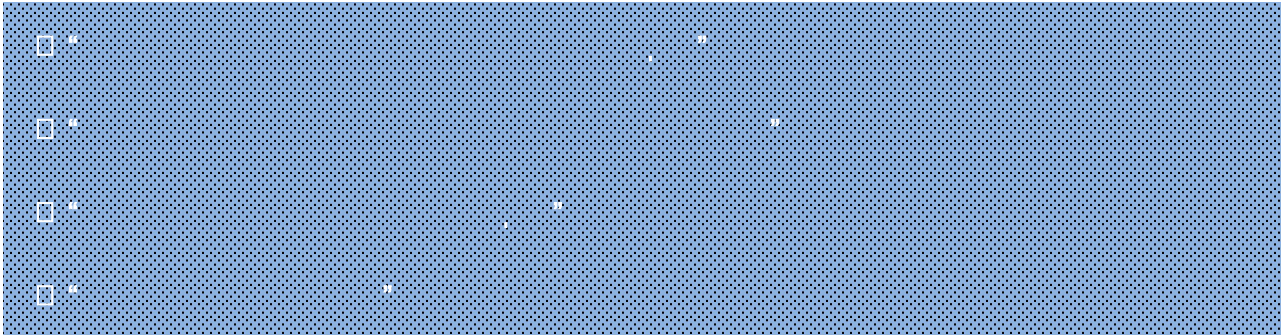
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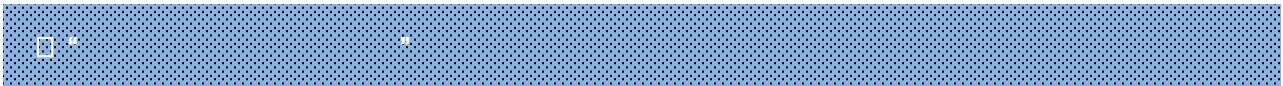
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Use malfunction object

☐ No ☒ Yes

Offset  -0.1% RH

Use minimum and maximum value ☐ No ☒ Yes

Values are not maintained after reset

periodically

on change of 1.0% RH

Send cycle 10 sec

4. □ □ □ □ □ "Humidity measured value"

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Block:

Use block of the switching output

☐ No ☒ Yes

Evaluation of the blocking object

☒ if value 1: block | if value 0: release
☐ if value 0: block | if value 1: release

Value of the blocking object
 before 1. communication

☒ 0 ☐ 1

Action when locking

Send Series

on when releasing
 with 2 seconds release delay)

Status object/s send/s

4. .1 □ □ □ □ □ "Threshold value 1+2+3+4"

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Transmission behaviour

on change and periodically

on change of

0.5°C

Send cycle

10 sec

Use monitoring of the
cooling medium temperature

No ☒ Yes

4.1 □ □ □ □ □ “Dew point measured value”

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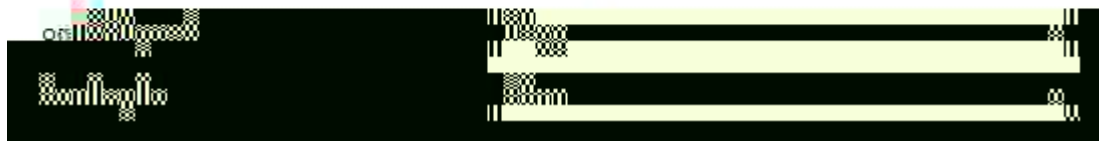
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Use measured values

☐ No ☒ Yes

Transmission behaviour

on change and periodically

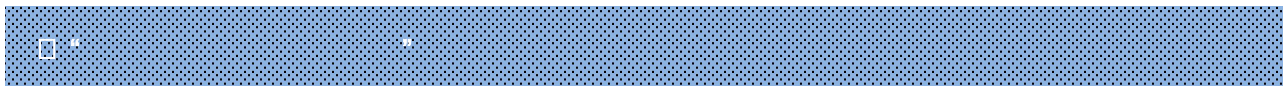


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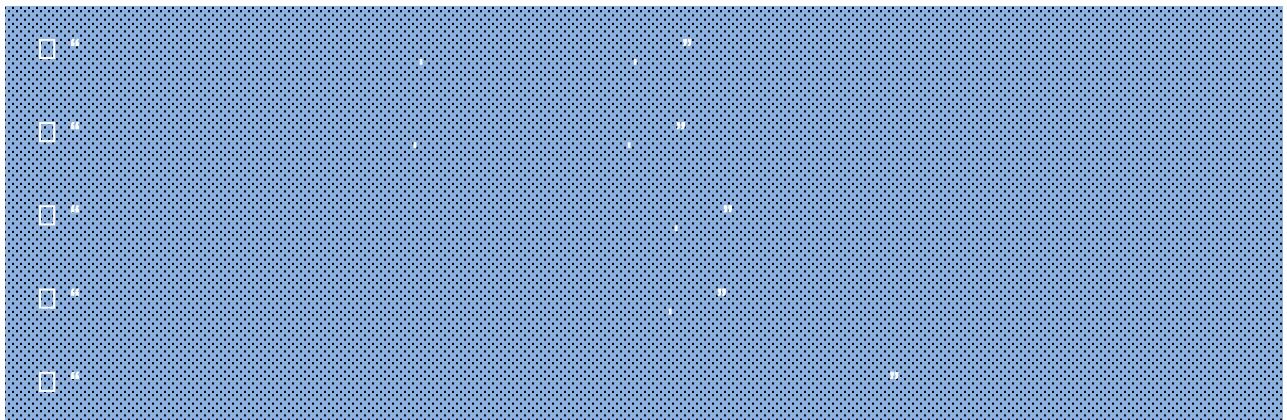
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Transmission behaviour

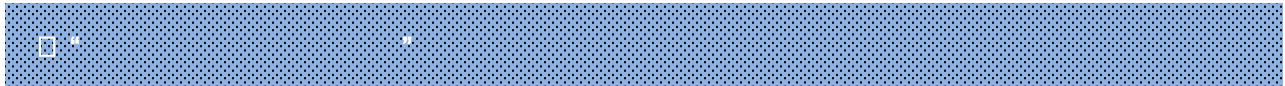
on change and periodically

at and above change in %

20

5 sec

4.13 ☐ ☐ ☐ ☐ ☐ "Brightness"


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☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ "periodically" ☐ ☐ "on change and periodically" ☐ ☐ k

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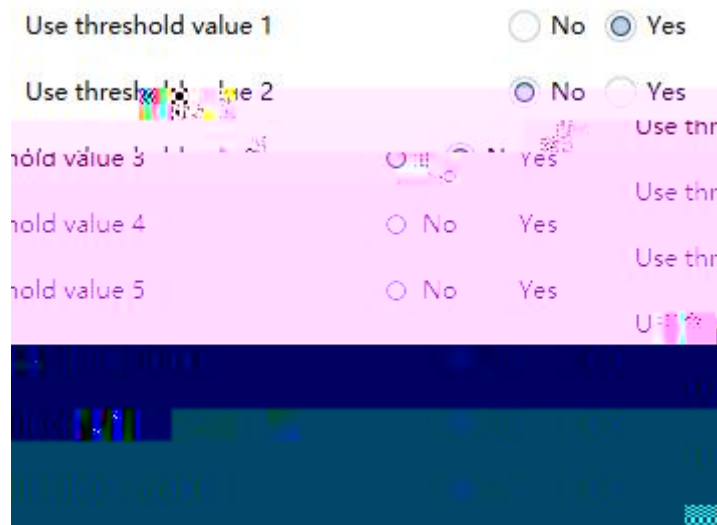
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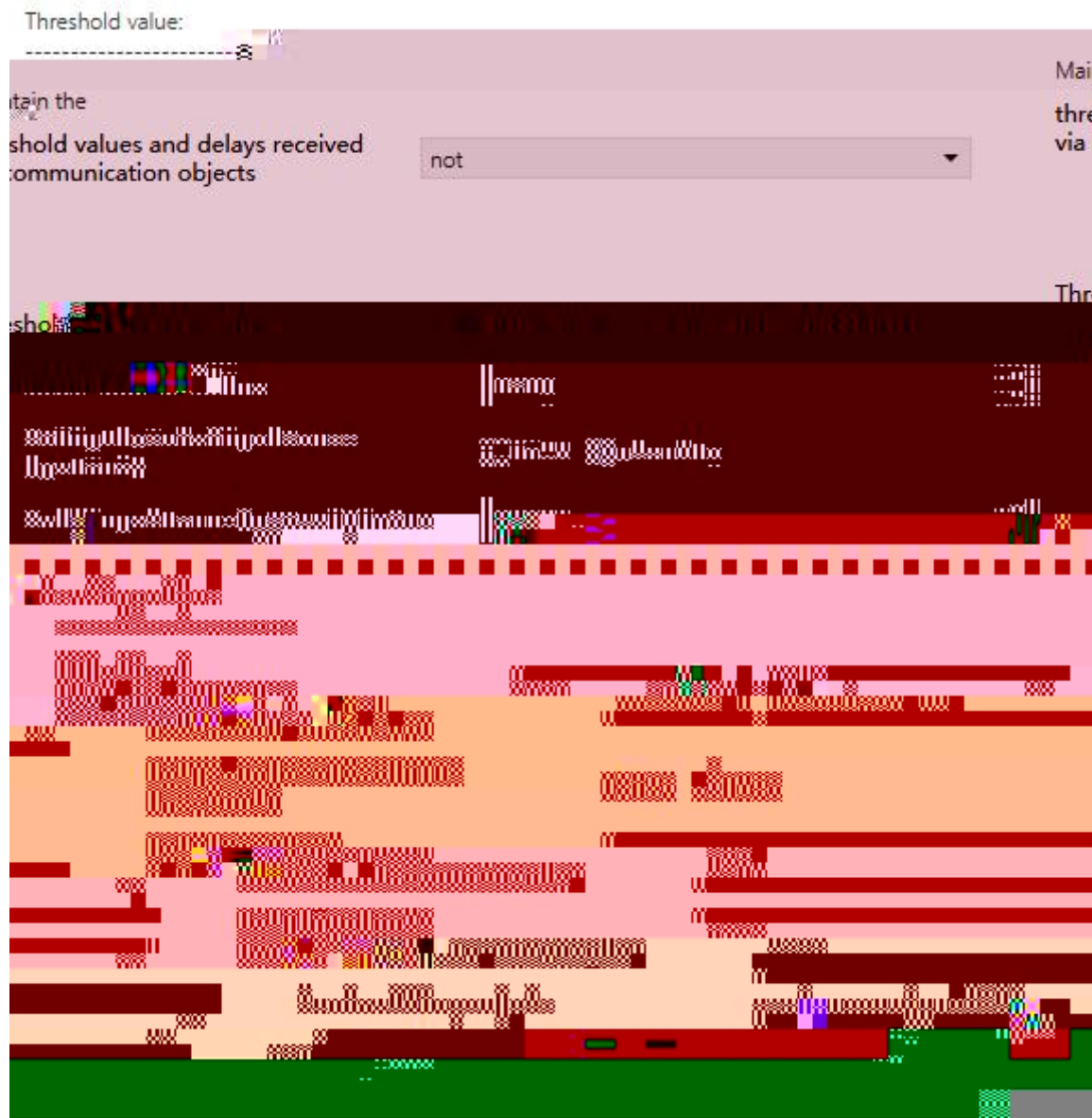
4.14 □ □ □ □ □ “Brightness threshold values”



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Block:

Use block of the switching output

☐ No ☒ Yes

Evaluation of the blocking object...

☒ if value 1: block | if value 0: release

☐ if value 0: block | if value 1: release

Value of the blocking object
before 1. communication

☒ 0 ☐ 1

Action when locking

Send 0

Action when releasing
(with 2 seconds release delay)

Status object/s send/s

☐ ☐ ☐ ☐ ☐

These threshold values refer
to the sky sensor.

Use threshold value 1

☐ No ☒ Yes

Use threshold value 2

☒ No ☐

es

Use threshold value 3

☒ No ☐

es

Use threshold value 4

☒ No ☐

es

4.15 ☐ ☐ ☐ ☐ ☐ "Brightness, TV twilight sensor"

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Threshold value:

Maintain the

threshold values and delays received
via communication objects

not

Threshold value setpoint per

☒ Parameter ☐ Communication object

Threshold value in lux

10

Setting the switching distance
(hysteresis)

☐ in % ☒ absolute

Switching distance (hysteresis) in Lux

5

Switching output:

Output is at

(TV = threshold value)

(SD = Switching distance)

TV above = 1 | TV - SD below = 0

Delays can be set via objects
(in seconds)

☐ No ☒ Yes

Delay from 0 to 10 s

inval until 1st communication

1 sec

Block:

Use block of the switching output

☐ No ☒ Yes

Evaluation of the blocking object...

☒ if value 1: block | if value 0: release

☐ if value 0: block | if value 1: release

Value of the blocking object
before 1. communication

☒ 0 ☐ 1

Action when locking

Send 0

Action when releasing
(with 2 seconds release delay)

Status object/s send/s

4.15.1 ☐ ☐ ☐ ☐ ☐ "Threshold value 1+2+3+4"

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☐ ☐ ☐ ☐ ☐ n ☐ ☐ ☐ ☐ k

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Use night recognition

☐ No ☒ Yes

Maintain the

delays received

via communication objects

not

Night is detected from and below
Lux

10

Switching distance (hysteresis) in Lux

5

Delays can be set via objects
(in seconds)

☐ No ☒ Yes

Delay on night
valid until 1st communication

1 sec

Delay on day
valid until 1st communication

1 sec

Send switching outputs

on change and periodic

Send cycle

10 sec

Object value at night

☐ 0 ☒ 1

4.16 □ □ □ □ □ "Night"

□ " "

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KNX+ IB

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☒ is calculated ☐ is received

Object type

☒ 4 byte floating point

☐ 2 byte floating point

Transmission behaviour

on change and periodically

on change of

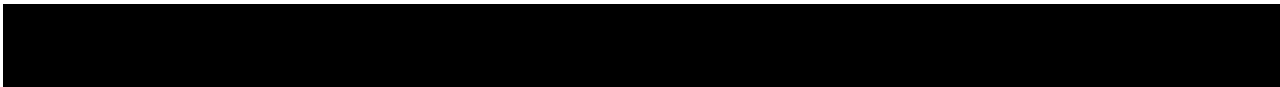
1.0 degrees

Signal cycle

1 min

4.17 ☐ ☐ ☐ ☐ ☐ "Sun position"

IP





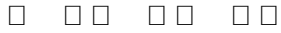
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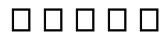
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Use threshold value 1

☒ No ☐ Yes

Use threshold value 2

☒ No ☐ Yes

Use threshold value 3

☒ No ☐ Yes

Use threshold value 4

☒ No ☐ Yes

4.1 □ □ □ □ □ "Wind threshold value"

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Measured value object:

Send measured value

on change and periodically

on change of

5°

Send cycle

-

ed value as:

1 byte object

4 byte object

Send meas

Text object:

tion as text

on change and periodically

Send wind di

n Switching distance

5°

Wind direc
(hysteresis)

5 sec

Send cycle:

speed ($v < 0.5$ m/s):

Windstille

at lower wi

Nord

North (0°):

Nord-Ost

North-East

Ost

East (90°):

Süd-Ost

South-East

Süd

South (180°)

Süd-West

South-West

West

West (270°)

Nord-We

North-West

1 bit object:

Send wind direction as a 1 bit object

on  and periodically

Wind direction Switching distance (hysteresis)	5°
Send cycle:	5 sec
North (0°) if active, send:	☐ 0 ☒ 1
North-East (45°) if active, send:	☐ 0 ☒ 1
East (90°) if active, send:	☐ 0 ☒ 1
South-East (135°) if active, send:	☐ 0 ☒ 1
South (180°) if active, send:	☐ 0 ☒ 1
South-West (225°) if active, send:	☐ 0 ☒ 1
West (270°) if active, send:	☐ 0 ☒ 1
North-West (315°) if active, send:	☐ 0 ☒ 1

4.2 □ □ □ □ □ "Wind direction"



□ □ □ □ □ □ □ □ k

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☐ ☐ “periodically” “on change and periodically” ☐ ☐ k

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” ” ☐ “ ”

☐ ☐ “on change” “on change and periodically” ☐ ☐ k

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☐ ☐:

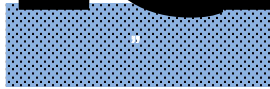
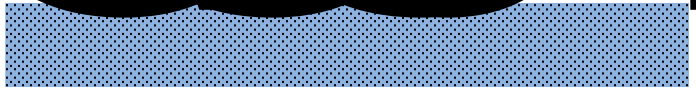
” ” ☐ “ ”

☐ ☐ “no” ☐ ☐ k

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drop



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KNX PS ☐ ☐ ☐ Pro

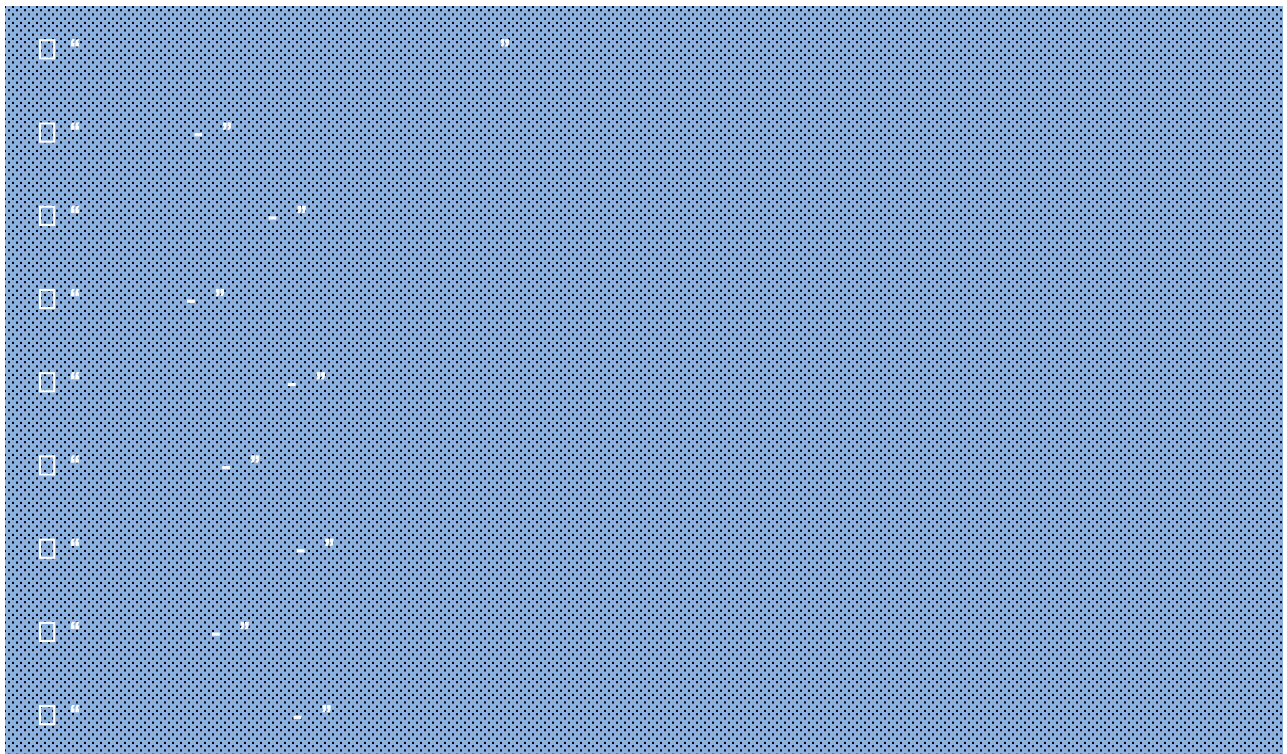
☐ ☐ :

-

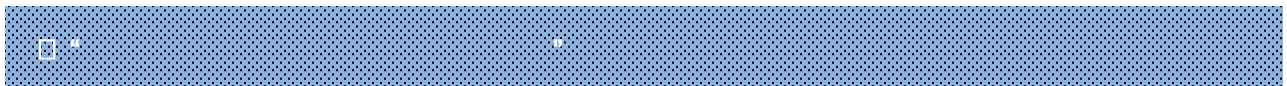
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☐ ☐ ☐ ☐ ☐ ☐ 1bit ☐ ☐ k

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KNX+ IB

KNX PS ☐ ☐ ☐ Pro

” ” ☐ “ ”

☐ ☐ “periodically” “on change and periodically” ☐ ☐ k

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

☐ ☐:

” ” ☐ “ ”

☐ ☐ “on change” “on change and periodically” ☐ ☐ k

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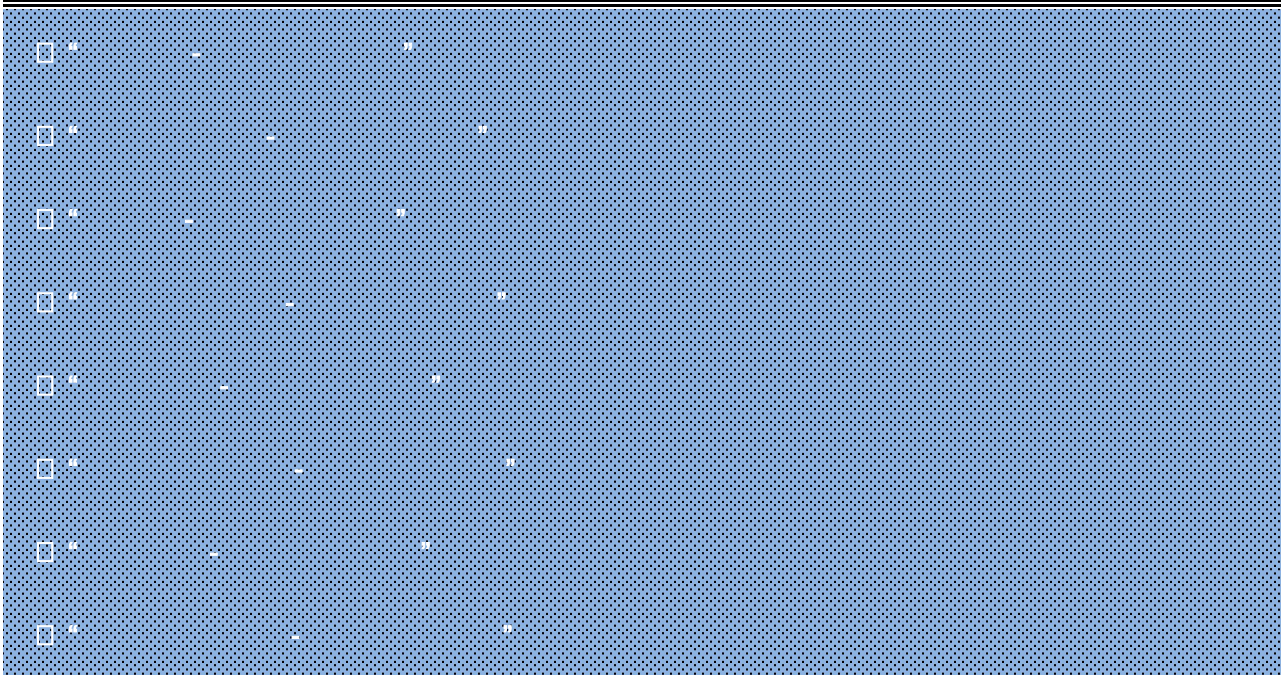
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☐ ☐ ☐ 1bit ☐ ☐ ☐ ☐ k

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KNX+ IB KNX PS ☐ ☐ ☐ p

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Will... n... range:

Main the

ranges and delays received via communication objects

not

Reported data indication for

☒ Parameter ☐ Communication

Angle range

from: 0

to: 0

Output is "one" if the value is within range.

Switching distance (hyster...)

Output is "one" if the value is outside the range, and switching distance (hysteresis) (from -50 to 50)

Switching output:

Delay on:



KNX+ IB

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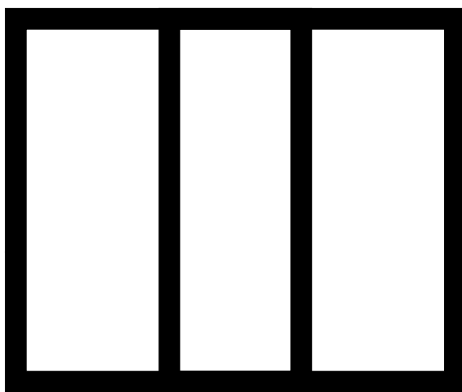
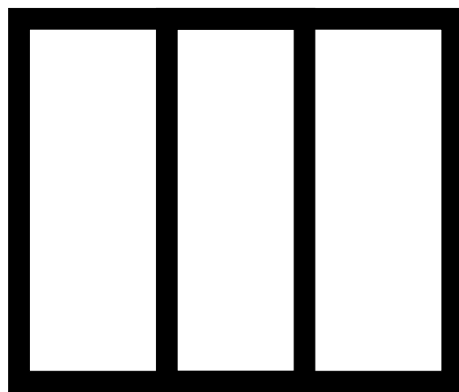
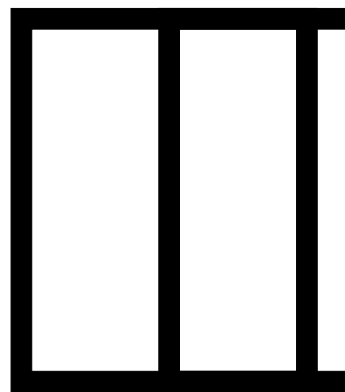


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4.21.1 □ □ □ □ □ "Range 1+2+3+4"

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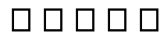
KNX+ IB

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Tra... on change and periodically

Text... normal pressure range

100 Pa

(e.g. weather is stormy)

102,000...104,000 Pa

(e.g. weather is rainy)

102,000...104,000 Pa

(e.g. weather is sunny)

>104,000 Pa

(e.g. weather is very dry)

Send cycle

1 min

stürmisch

regnerisch

wechselnd

sonnig

sehr trocken

4.22 ☐ ☐ ☐ ☐ "Pressure measured value"



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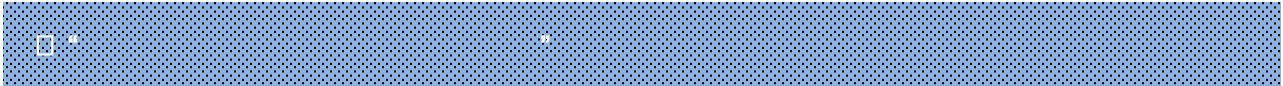
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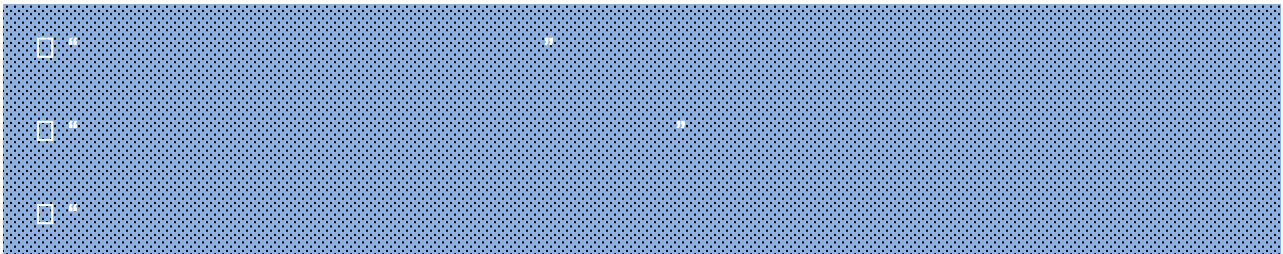
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Threshold value:

Maintain the

threshold values and delays received
via communication objects

not

Type of measurement for
threshold value calculation

☐ Normal air pressure

☒ Barometric pressure

Threshold value setpoint per Communication object

Threshold value in 10 Pa

10200

Setting the switching distance
(hysteresis)

☐ in %

☒ absolute

Block:

Use block of the switching output

☐ No ☒ Yes

Evolution of the blocking object

- if value 1: block | if value 0: release

☐ if value 0: block | if value 1: no block

4. ☐ ☐ ☐ ☐ ☐ "Threshold value 1+2+3+4"

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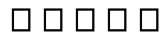
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Use facade 2	☐ No ☒ Yes
Use simulation objects	☒ No ☐ Yes
Use facade 1	☐ No ☒ Yes
Use facade 2	☒ No ☐ Yes
Use facade 3	☒ No ☐ Yes
Use facade 4	☒ No ☐ Yes
Use facade 5	☒ No ☐ Yes
Use facade 6	☒ No ☐ Yes
Use facade 7	☒ No ☐ Yes
Use facade 8	☒ No ☐ Yes
Use facade 9	☒ No ☐ Yes
Use facade 10	☒ No ☐ Yes
Use facade 11	☒ No ☐ Yes
Use facade 12	☒ No ☐ Yes

4.25(1)

General settings

Maintain the

threshold values

via communication

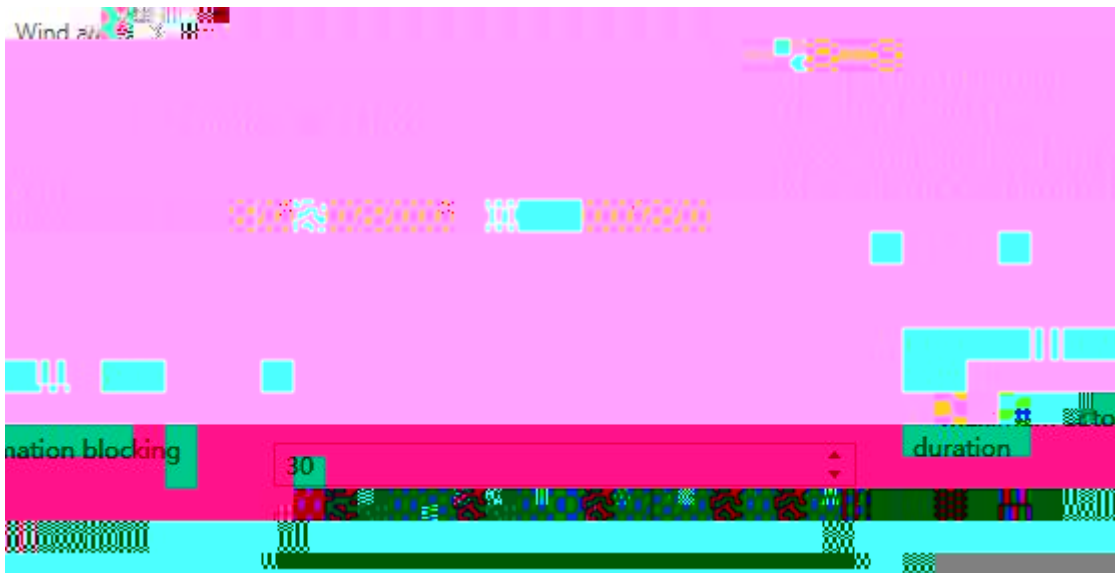
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4.25(2) acades_ eneral settings

Live monitoring



4.25(3) acades_Live monitoring



4.25(4) acades_Wind and rain alarm

Rain automation

Preset of extension delay for rain automation per

☐ Parameter ☒ Object

Extension delay on rain automation (in minutes)

until 1st communication

Minimum adjustable value (in minutes)

Maximum variable value (in minutes)

Step size (in minutes)

4.25(5) acades_Rain automation

Night

Specify the threshold value for night-time, based on

☐ Parameter ☒ Object

Night is detected below (in Lux)

until 1st communication

Minimum adjustable value (in Lux) for twilight

Maximum variable value (in Lux) for twilight

Step size (in Lux)

uses the internal brightness measurement.

(switch = 1 minute)

4.25(6) acades_Night

Outdoor temperature

For frost alarm, protection and outdoor temperature block

Measurement of

- Internal sensor

- Communication object

4.25(7) acades_Outdoor temperature

Heat protection

Preset of the threshold value
for heat protection per

○ Parameter ○ Object



4.25() acades_Heat protection

Frost alarm

Preset of frost protection values per ☐ Parameter ☒ Object

Start frost alarm if an

Outdoor temp. of (in 0.1°C
valid until 1st communication)

20

is underrun,
during or up to

(valid in hours
until 1st communication)

5

after precipitation.

Min. adjustable ext. temperature
(in 0.1°C)

-10

Max. variable external
temperature (in 0.1°C)

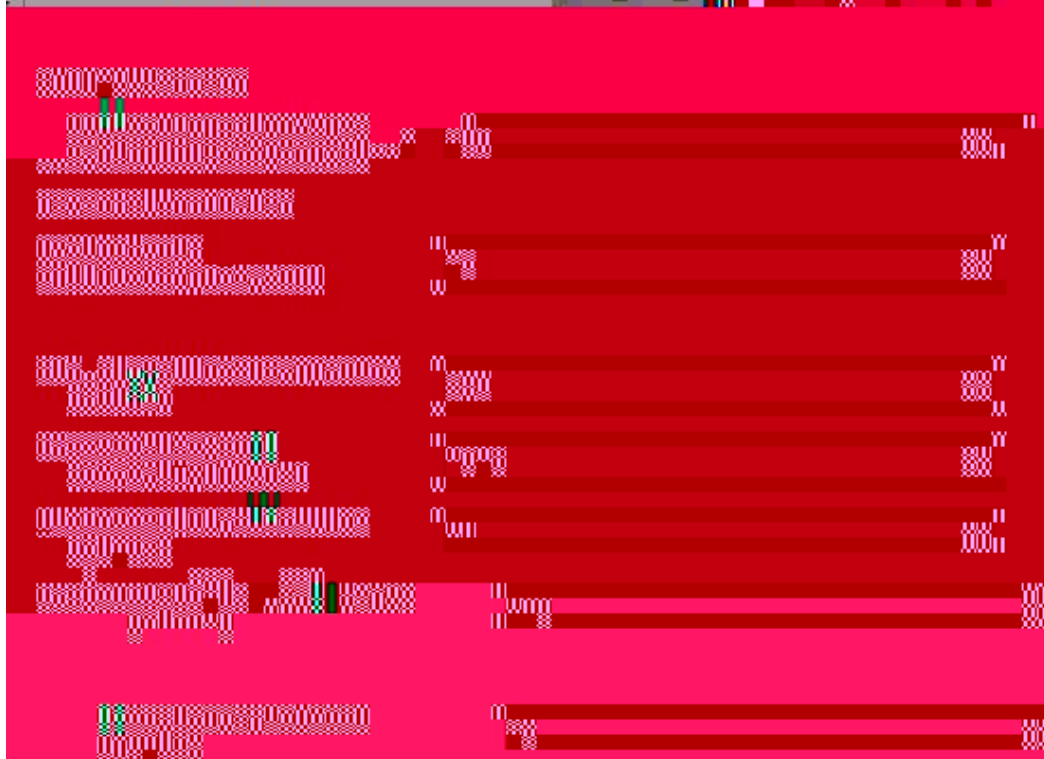
40

Min. adjustable end time
(in hours)

1

Maximum variable start time
(in hours)

10



4.25() acades_ rost alarm

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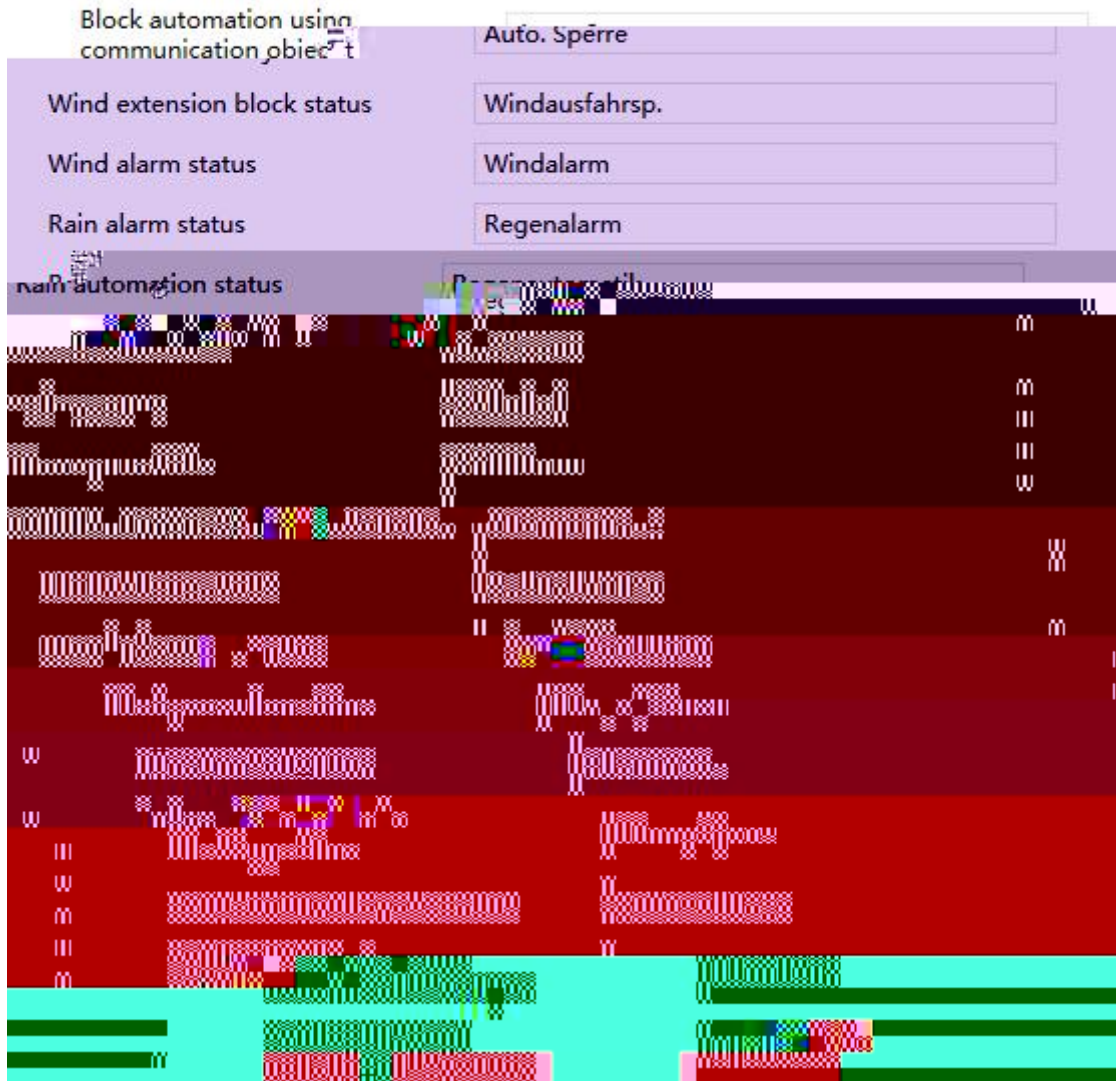
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Texts that are output with object
"Façade X channel status bit text"



4.25(12) acades_Text that are output with object" acadex channel state bit text"



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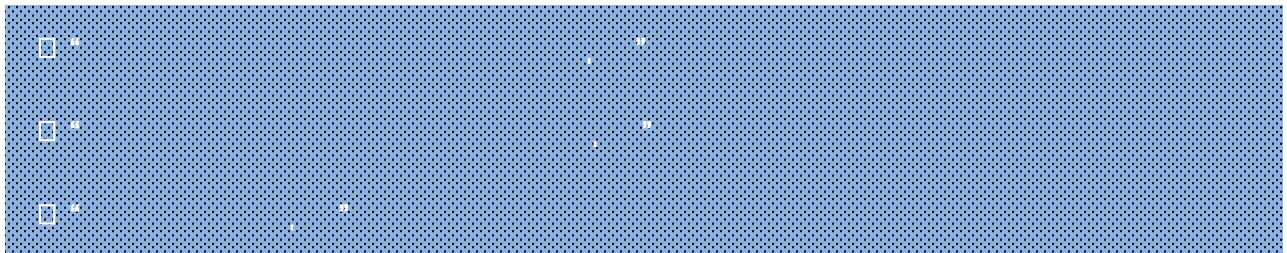
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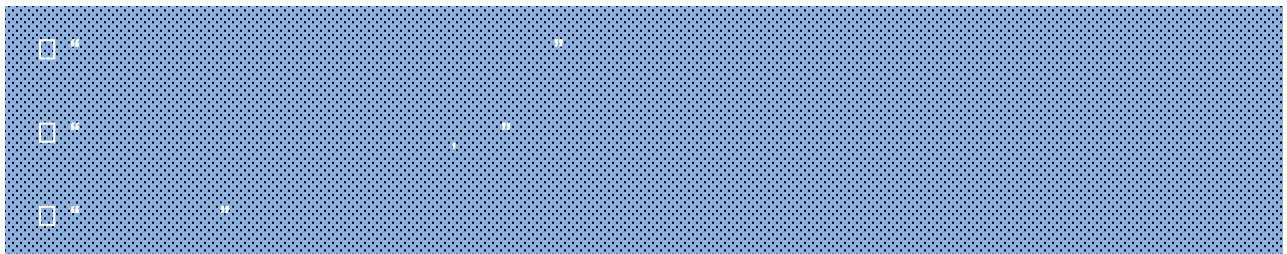
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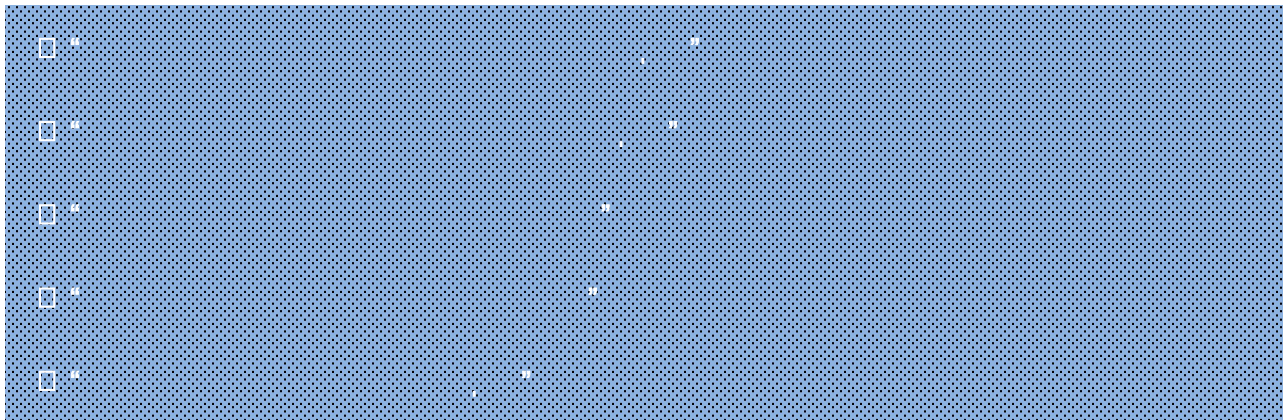
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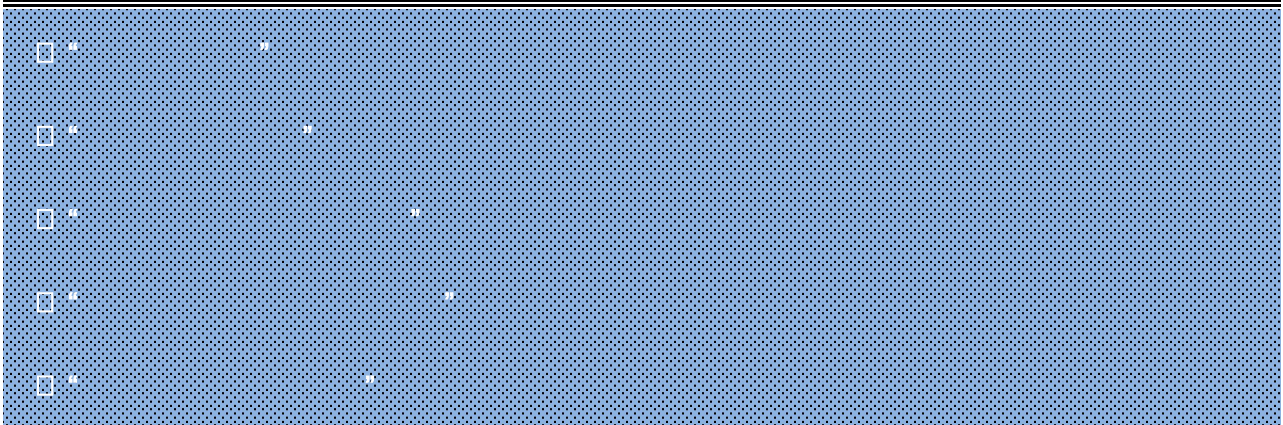
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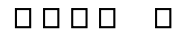
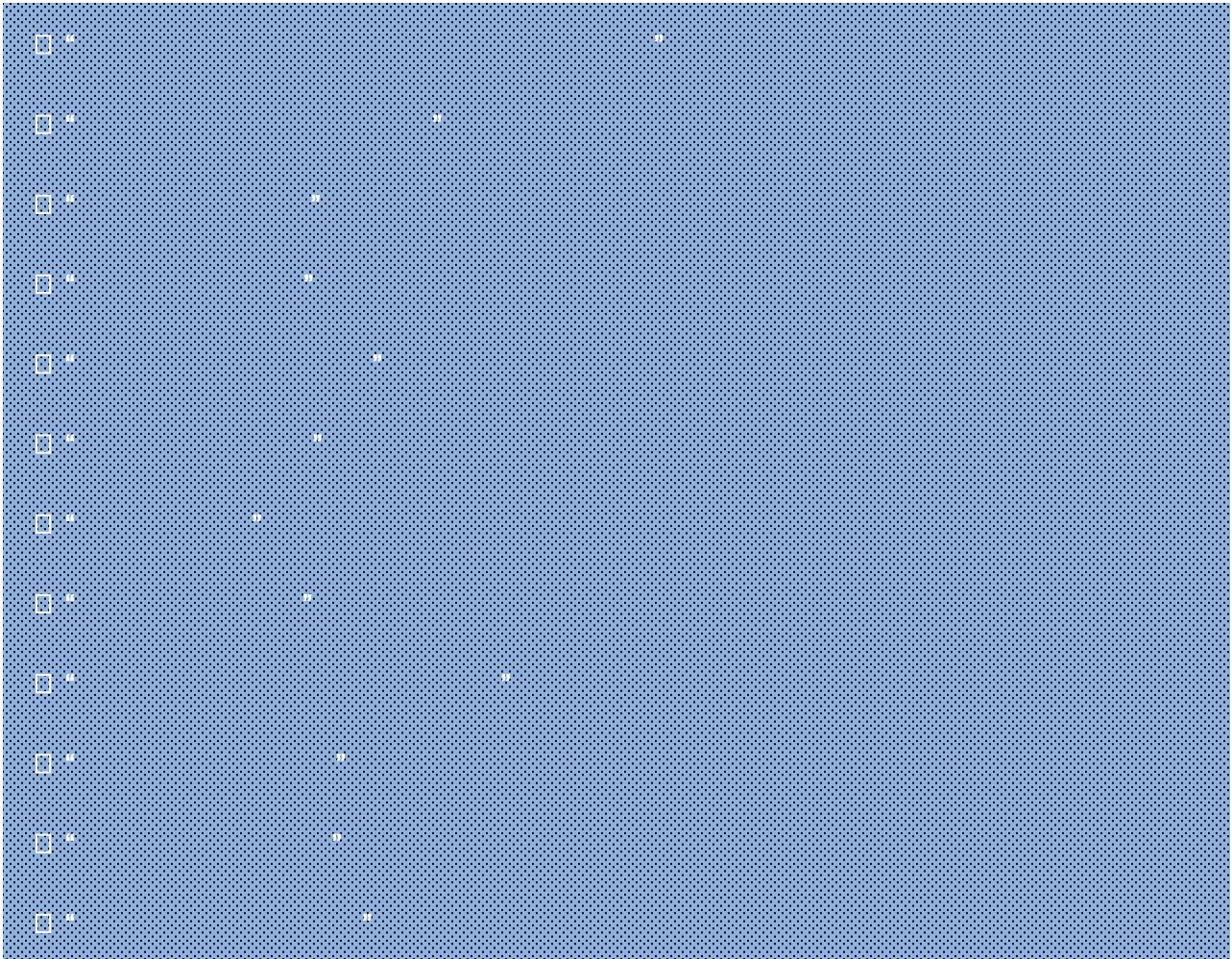
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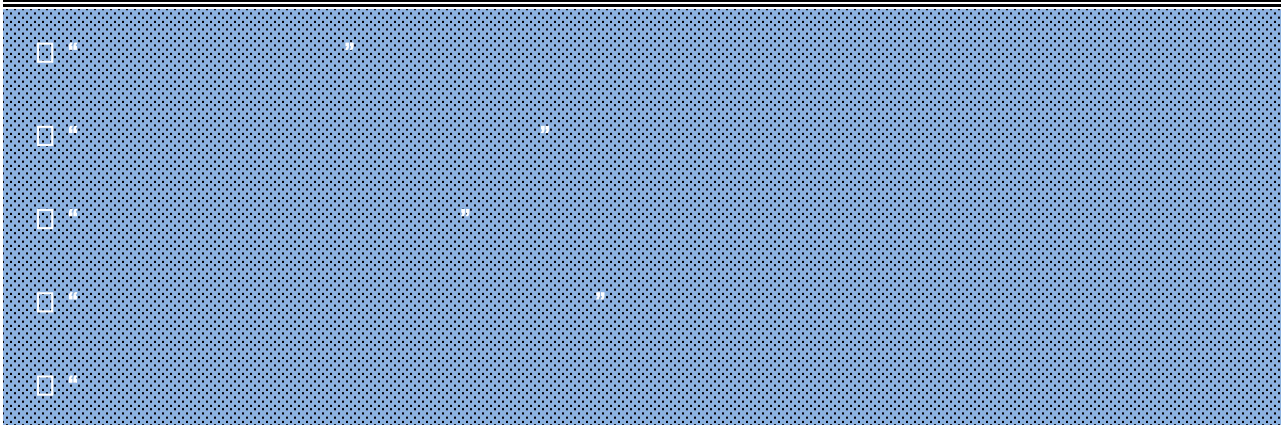
KNX+ IB

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Pro



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Name

Fassade 1

Use simulation objects

☐ No ☒ Yes

Does the screen have slats?

☐ No ☒ Yes

Evaluation of the blocking object

☒ 1 = block | 0 = Release
☐ 0 = block | 1 = Release

Blocking object value
before 1. communication

Action after locking

☒ Execute the last automatic command
☐ Wait for next automatic command

Combine with

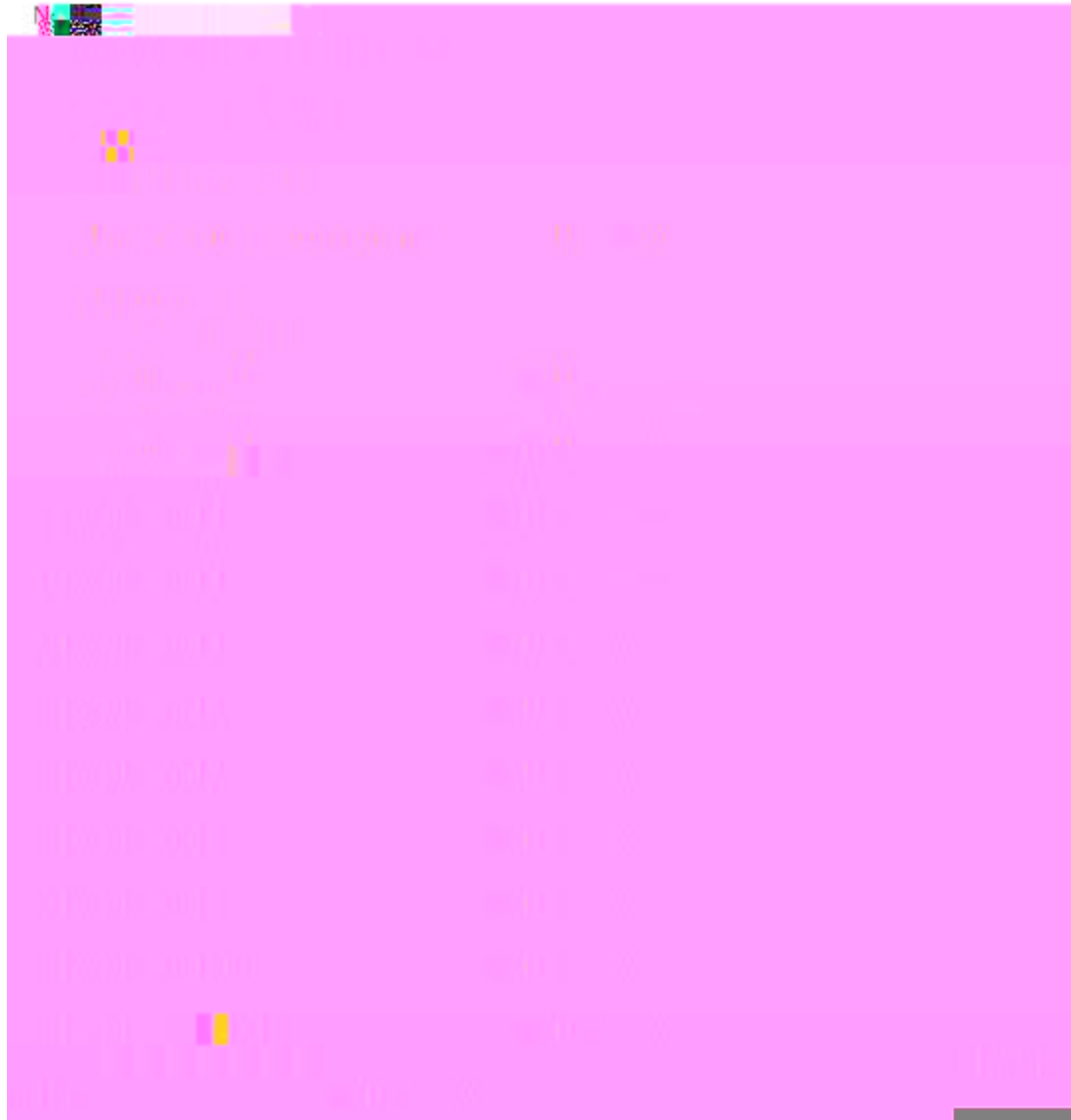
☐ AND ☐ OR

4.25.1(1)

Wind alarm

use

as wind alarm per threshold value





4.25.1(2) Wind alarm

Frost alarm

use

☐ No ☒ Yes

Note: If there has been no measurement change at the outdoor

temperature sensor



4.25.1(3) frost alarm

Rain

use

as rain automation

Extension delay is set in the
Façades menu.

Use rain automation

with week time switch

Period 1

☐ No ☒ Yes

Period 2

☒ No ☐ Yes

Period 3

☒ No ☐ Yes

Period 4

☒ No ☐ Yes

Period 5

☒ No ☐ Yes

Period 6

☒ No ☐ Yes

Period 7

☒ No ☐ Yes

Period 8

☒ No ☐ Yes

Period 9

☒ No ☐ Yes

Monday

06:00 - 18:00

Tuesday

06:00 - 18:00

Wednesday

06:00 - 18:00

Thursday

06:00 - 18:00

Friday

06:00 - 18:00

Saturday

06:00 - 18:00

Sunday

06:00 - 18:00

Monday

06:00 - 18:00

Tuesday

06:00 - 18:00

Wednesday

06:00 - 18:00

Thursday

06:00 - 18:00

Period 20	☒ No ☐ Yes
Period 21	☒ No ☐ Yes
Period 22	☒ No ☐ Yes
Period 23	☒ No ☐ Yes
Period 24	☒ No ☐ Yes

with calendar time switch

Period 1 Sequence 1	☒ No ☐ Yes
Period 1 Sequence 2	☒ No ☐ Yes
Period 2 Sequence 1	☒ No ☐ Yes
Period 2 Sequence 2	☒ No ☐ Yes
Period 3 Sequence 1	☒ No ☐ Yes
Period 3 Sequence 2	☒ No ☐ Yes

☒ No ☐ Yes

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☒ 1 = activated | 0 = deactivated
☐ 0 = activated | 1 = deactivated

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Movement position (in %)

Slat position (in %)

Analysis of the rain automation release object

Value up to 1st communication

Rain automation follow-up time in minutes

4.25.1(4) Rain



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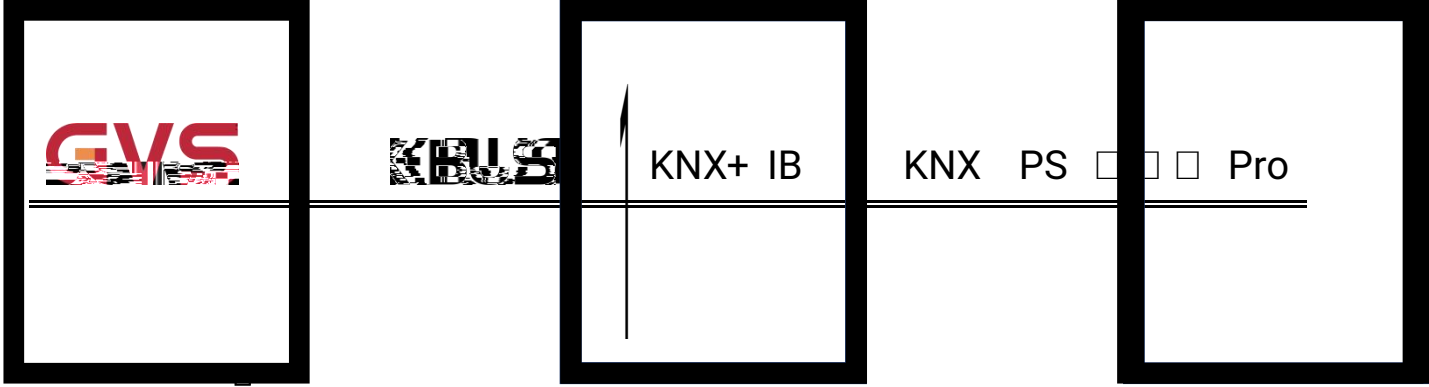
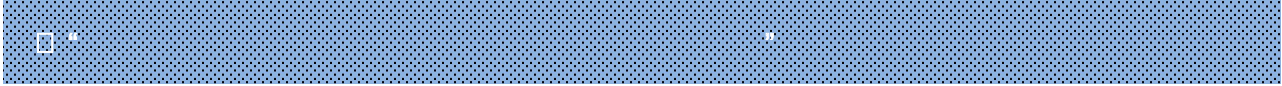
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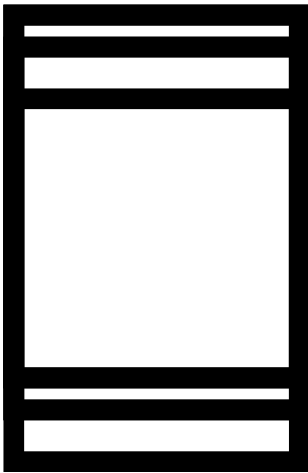
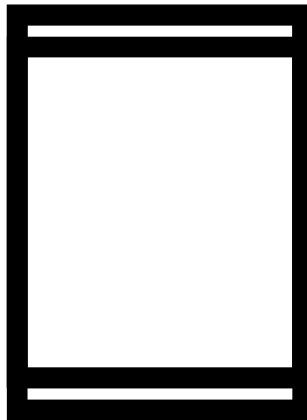
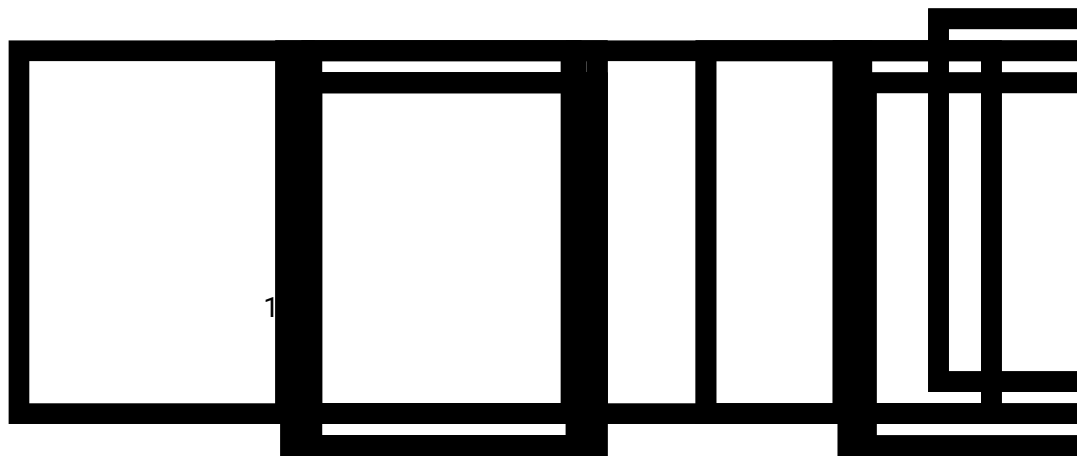
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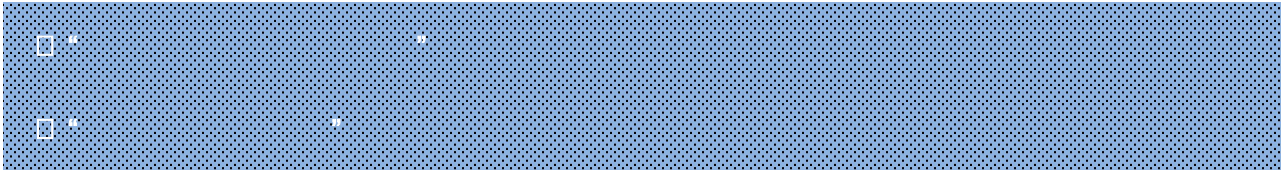
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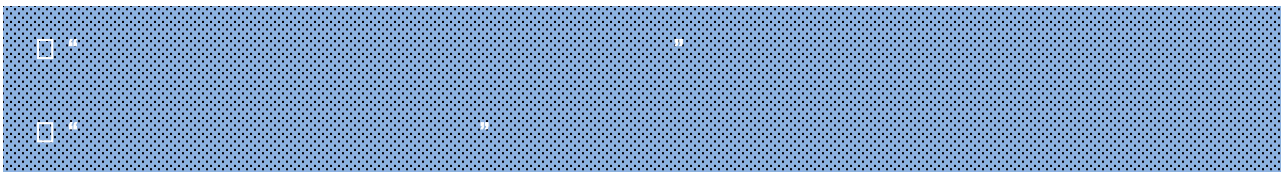
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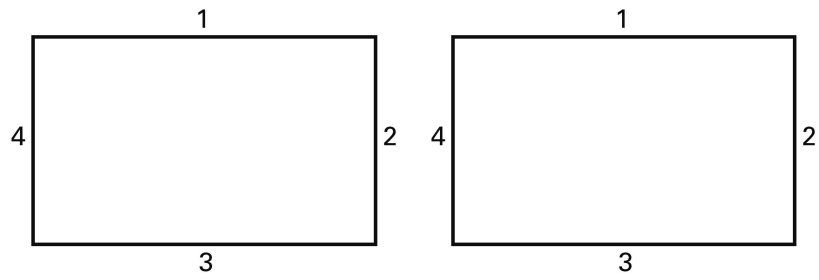
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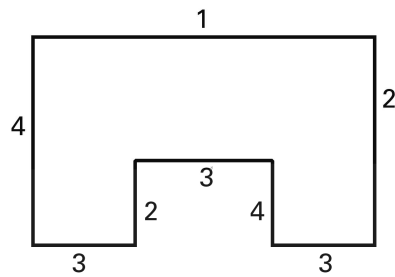
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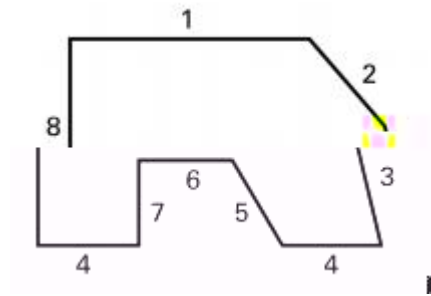
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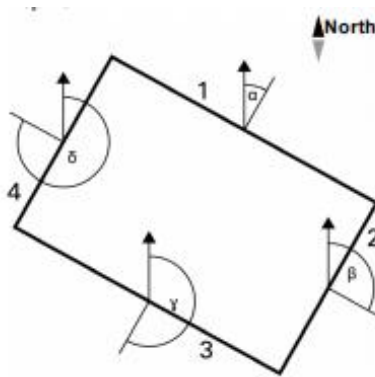
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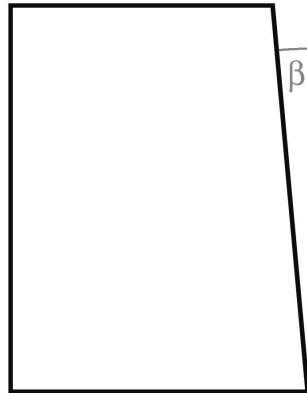
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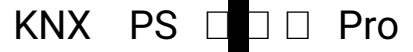
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65	acade X channel (1: :-)	☐ ☐	☐ ☐ ☐ Ū 1 ☐ ☐ ☐ ☐ Ū ☐ ☐ k
651	acade X channel Status text		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k
652	acade X channel Status-bit text		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k
653	acade X channel Status-bit condition		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k
654	acade X channel Delay		☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ + ☐ ☐ ☐ ☐ ï k
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Timed opening

use

☐ No ☒ Yes

used

with week time switch

Period 1

☐ No ☒ Yes

Period 2

☒ No ☐ Yes

Period 3

☒ No ☐ Yes

Period 4

☒ No ☐ Yes

Period 5

☒ No ☐ Yes

Period 6

☒ No ☐ Yes

Period 7

☒ No ☐ Yes

Period 8

☒ No ☐ Yes

Period 9

☒ No ☐ Yes

Period 10

☒ No ☐ Yes

Period 11

☒ No ☐ Yes

Period 12

☒ No ☐ Yes

Period 13

☒ No ☐ Yes

Period 14

☒ No ☐ Yes

Period 15

☒ No ☒ Yes

Period 16

☐ No ☐ Yes

Period 17

☐ No ☐ Yes

Period 18

☐ No ☐ Yes

Period 19

☐ No ☐ Yes

Period 20	☒ No ☐ Yes
Period 21	☒ No ☐ Yes
Period 22	☒ No ☐ Yes
Period 23	☒ No ☐ Yes
Period 24	☒ No ☐ Yes

Switch		with calendar time s
Sequence 1	☒ No ☐ Yes	Period 1 Sequence
Sequence 2	☒ No ☐ Yes	Period 1 Sequence
Sequence 1	☒ No ☐ Yes	Period 2 Sequence
Sequence 2	☒ No ☐ Yes	Period 2 Sequence
Sequence 1	☒ No ☐ Yes	Period 3 Sequence
Sequence 2	☒ No ☐ Yes	Period 3 Sequence
		Period 4 Sequence 1
		Period 4 Sequence 2

4.25.2(1) Timed opening

Timed and night closure

use ☐ No ☒ Yes

Use timed closure ☐ No ☒ Yes

used

with week time switch

Period 1 ☒ No ☐ Yes

Period 2 ☒ No ☐ Yes

Period 3 ☒ No ☐ Yes

Period 4 ☒ No ☐ Yes

Period 5 ☒ No ☐ Yes

Period 6 ☒ No ☐ Yes

Period 7 ☒ No ☐ Yes

Period 8 ☒ No ☐ Yes

Period 9 ☒ No ☐ Yes

Period 10 ☒ No ☐ Yes

Period 11 ☒ No ☐ Yes

Period 12 ☒ No ☐ Yes

Period 13 ☒ No ☐ Yes

Period 14 ☒ No ☐ Yes

Period 15 ☒ No ☐ Yes

Period 16 ☒ No ☐ Yes

Period 17 ☒ No ☐ Yes

Period 18 ☒ No ☐ Yes

Period 19 ☒ No ☐ Yes

Period 20 ☒ No ☐ Yes

Period 21 ☒ No ☐ Yes

Period 22 ☒ No ☐ Yes

Period 23 ☒ No ☐ Yes

Period 24 ☒ No ☐ Yes

Period 19 ☒ No ☐ Yes

Period 20 ☒ No ☐ Yes

Period 21 ☒ No ☐ Yes

Period 22 ☒ No ☐ Yes

Period 23 ☒ No ☐ Yes

Period 24 ☒ No ☐ Yes

with calendar time

Period 1 Sequence 1 ☒ No ☐ Yes

Period 1 Sequence 2 ☒ No ☐ Yes

Period 2 Sequence 1 ☒ No ☐ Yes

Period 2 Sequence 2 ☒ No ☐ Yes

Period 3 Sequence 1 ☒ No ☐ Yes

Period 3 Sequence 2 ☒ No ☐ Yes

Period 4 Sequence 1 ☒ No ☐ Yes

Period 4 Sequence 2 ☒ No ☐ Yes

Analysis of time ☒ 1 = activated | 0 = deactiv

release object ☐ 0 = activated | 1 = deactiv

vs before 1st communication ☐ 0 ☒ 1

Use night-time closure ☐ No ☒ Yes

Brightness, at or above which
night-time closure is detected,
adjustable in the
"Façades" menu.

Analysis of night closure
release object ☒ 1 = activated | 0 = deactivated
☐ 0 = activated | 1 = deactivated

value before first communication ☐ 0 ☒ 1

Night and period closure ☒ Yes ☐ No

only once

Positions during
time closure

Movement

Slat position

Current position (in %) 100

Position (in %) 100

4.25.2(2) Time and night closure

Heat protection

use ☐ No ☒ Yes

Heat protection parameters
are set in the "Façades" menu

Analysis of the
heat protection release object ☒ 1 = activated | 0 = deactivated
☐ 0 = activated | 1 = deactivated

value before first communication ☐ 0 ☒ 1

Current position
heat protection

Movement position (in %) 100

Position (in %) 90

Slat position

4.25.2(3) Heat protection

Rain automation



If rain has been detected



4.25.2(5) Rain automation

Indoor temperature blocking



4.25.2(6) Indoor temperature blocking

Sun release automatic

use ☐ No ☒ Yes

Analysis of the automatic sun release object ☒ 1 = activated | 0 = deactivated ☐ 0 = activated | 1 = deactivated

from (in °) 0

to (in °) 360

Height of the sun valid until 1st communication ☒ Any height ☐ Angle range

from (in °) -90

to (in °) 90

Step size in ° 2

Brightness sensor selection ☒ Internal sensors (maximum value) ☐ via communication object

Preset threshold value for brightness per ☐ Parameter ☒ Communication object

Object for threshold value

Threshold value

Travel delays

Retraction and extension delay, stipulated by

☐ Parameter ☒ Object

Extension delay (in minutes)

valid unit

1st communication

Minimum adjustable extension delay (in minutes)

Maximum adjustable extension delay (in minutes)

Step size (in minutes)

Brief delay (in seconds)

valid unit

1st communication

2nd communication

3rd communication

4th communication

5th communication

6th communication

7th communication

8th communication

9th communication

10th communication

11th communication

12th communication

13th communication

14th communication

15th communication

16th communication

17th communication

18th communication

19th communication

20th communication

21st communication

22nd communication

23rd communication

24th communication

25th communication

26th communication

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28th communication

29th communication

30th communication

31st communication

32nd communication

33rd communication

34th communication

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82nd communication

83rd communication

84th communication

85th communication

86th communication

87th communication

88th communication

89th communication

90th communication

91st communication

92nd communication

93rd communication

94th communication

95th communication

96th communication

97th communication

98th communication

99th communication

100th communication

Outdoor temperature block

use

changeable per object

Deactivate blocking at

Threshold value (in 0.1°C)

valid until 1st communication

50

max number of objects	10	Max val
per object (in 0.1°C)		
num variable threshold		Max val
per object (in 0.1°C)	200	increments)
Step		Step
for changing	5	thresh
id value (in 0.1°C)		Switch
ing distance (hysteresis)		

Solar protection position Shadow edge tracking and slat tracking ▼

Façade alignment 180 ▲▼

(North=0°,O=90°,S=180°,W=270°)

Inclination of the façade in ° (0° = no inclination) 0 ▲▼

Window brightness in cm 150 ▲▼

Max. penetration depth of sun into the room in cm 50 ▲▼

Shadow edge displacement at 100% slat movement command	10	▲▼
Slat width (in mm)	80	▲▼
Slat distance (in mm)	75	▲▼
Min. angle change for sending new slat position	10	▲▼
Slat angle (in °) after 0% slat movement command	90	▲▼
Slat angle (in °) after 100% slat movement command	10	▲▼

☐ On (0% slat movement command)
☐ Off (100% slat movement command)
☐ On (0% slat movement command)
☐ Off (100% slat movement command)
☐ On (0% slat movement command)
☐ Off (100% slat movement command)

Use movement position ☐ No ☒ Yes

Movement position (in %)

Move to position, if no automation with higher priority is executed

Movement position (in %)

Slat position (in %)

4.25.2(7) Sun protection automation

Façade status output

Value of the façade status ☐ 1 = activated | 0 = deactivated

Value of the façade status ☐ 0 = activated | 1 = deactivated

Value up to 1st confirmation ☐ 0 ☐ 1

4.25.2() facade status output

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□ "use night-time closure" □ "yes" □ □ k

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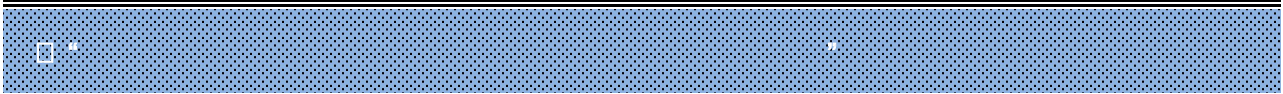
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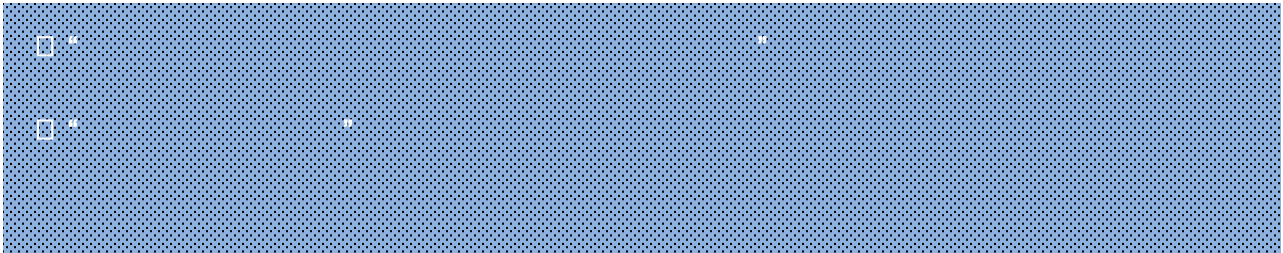


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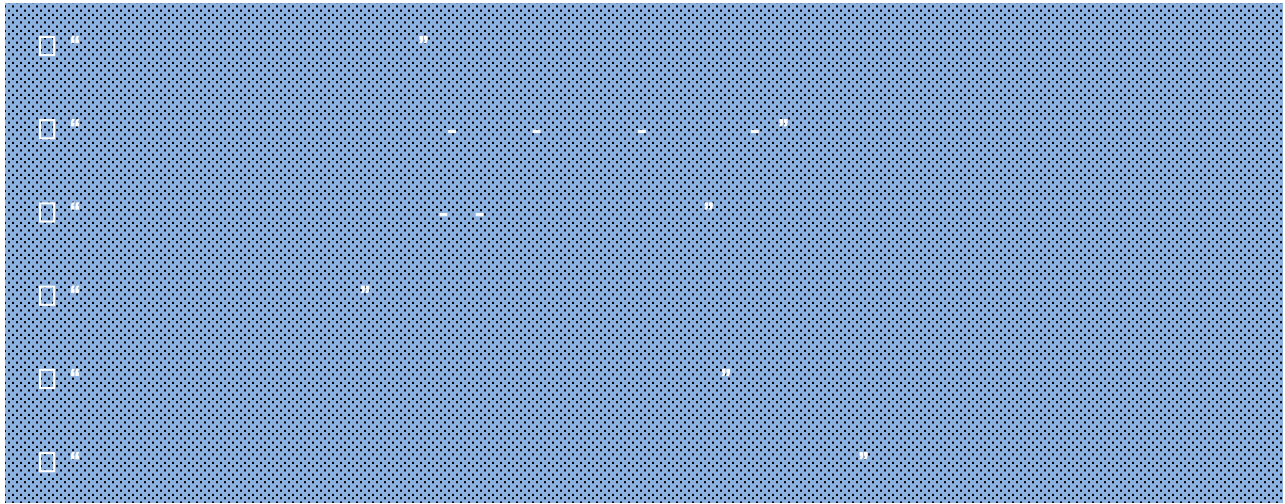
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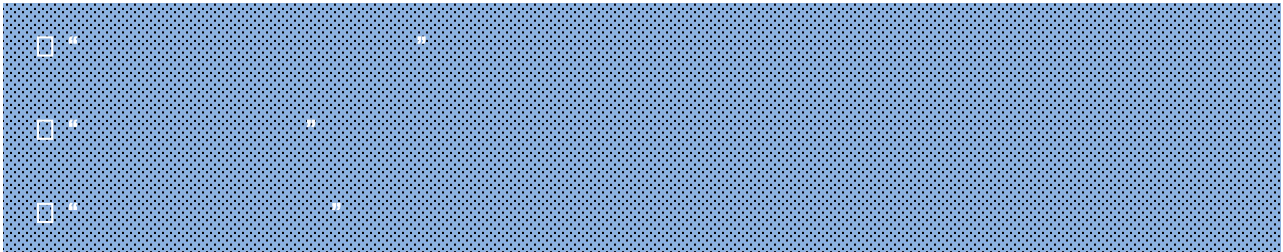


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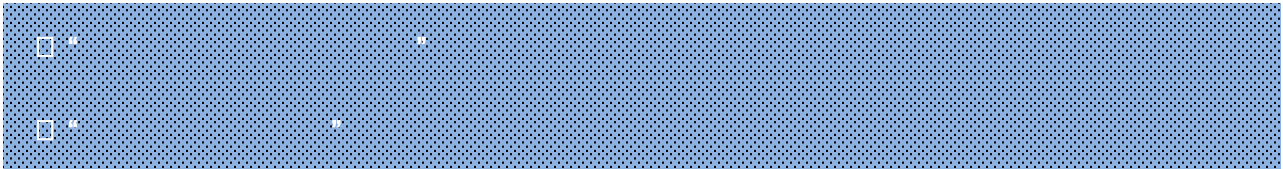
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Use computer 1

☐ No ☒ Yes

Use computer 2

☒ No ☐ Yes

Use computer 3

☒ No ☐ Yes

Use computer 4

☒ No ☐ Yes



4.26 ☐ ☐ ☐ ☐ ☐ "Computer"

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Maintain the

values received
via communication objects

not

Function (I = Input)

Condition: $I_1 = I_2$

Input type

1 bit

Start value 11

0

Start values

Output sends on change

Type of change on each change

Text if the condition is met

Text if the condition is not met

Transmission delay on change to condition met none

Transmission delay on change to condition not met none

Use input monitoring ☐ No ☒ Yes

Monitoring of I1

Monitoring period 1 min

Value of the "Monitoring status" object if the period is exceeded 1

Use block ☐ No ☒ Yes

☒ if value 1: block

Output behaviour

☒ on block

do not transmit anything ☐ Send value

as for transmission behaviour ☐ on release

send current value

4.26.1 ☐ ☐ ☐ ☐ ☐ "Computer 1+...+ "



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Use period 1 ☐ No ☒ Yes

Use period 2 ☒ No ☐ Yes

Use period 3 ☒ No ☐ Yes

Use period 4 ☒ No ☐ Yes

Use period 5 ☒ No ☐ Yes

Use period 6 ☒ No ☐ Yes

Use period 7 ☒ No ☐ Yes

Use period 8 ☒ No ☐ Yes

Use period 9 ☒ No ☐ Yes

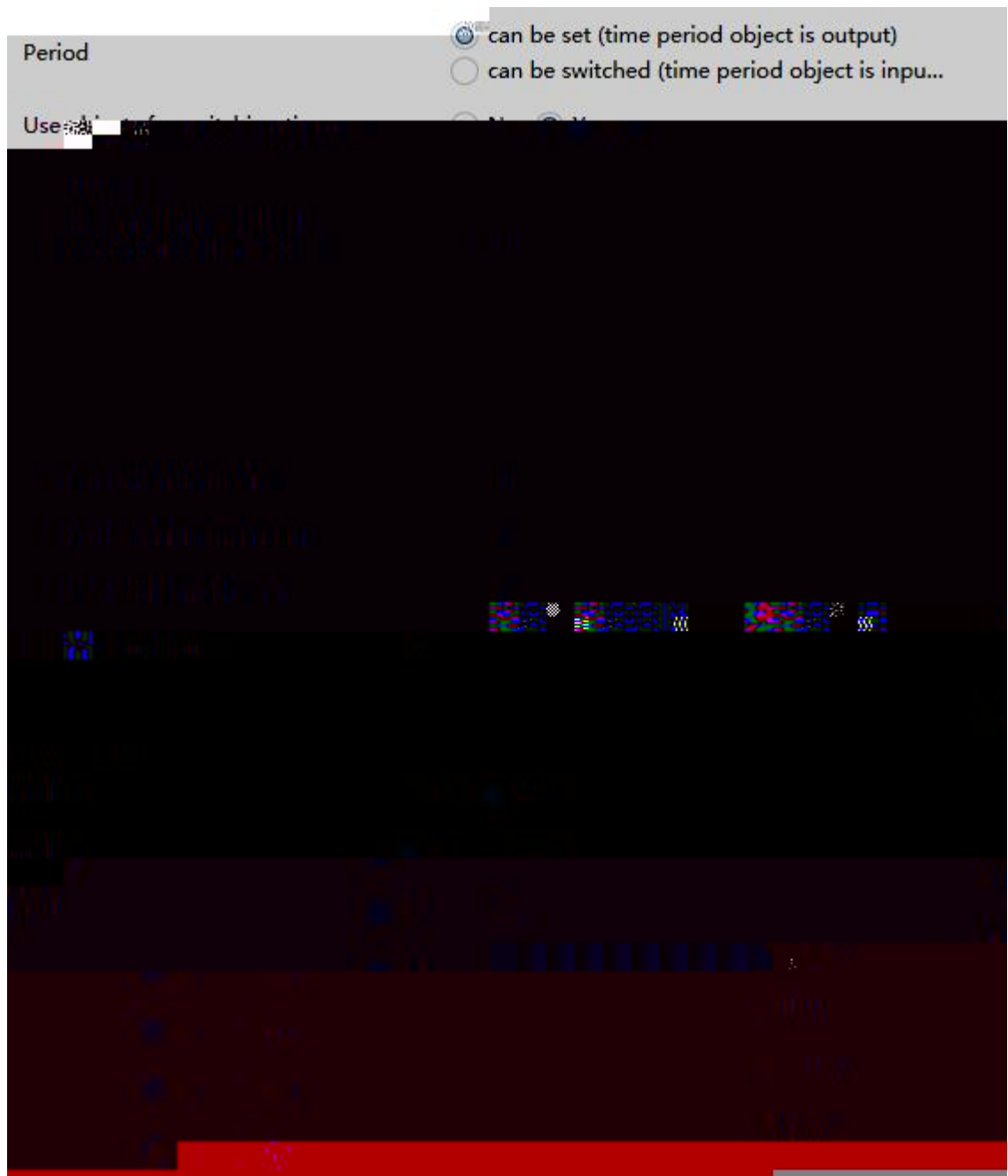
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... ..	...	80
... ..	...	70

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Send switching outputs on change and periodically

Send cycle 10 sec

8-bit output value if period active 0

8-bit output value if period inactive 0

4.12.1(1) □ □ □ □ "Period 1+...+24_can be set(time period object is output)"

Period

☐ can be set (time period object is output)

☒ can be switched (time period object is input)

Object value = 1

Object value = 0

Object value prior to initial communication

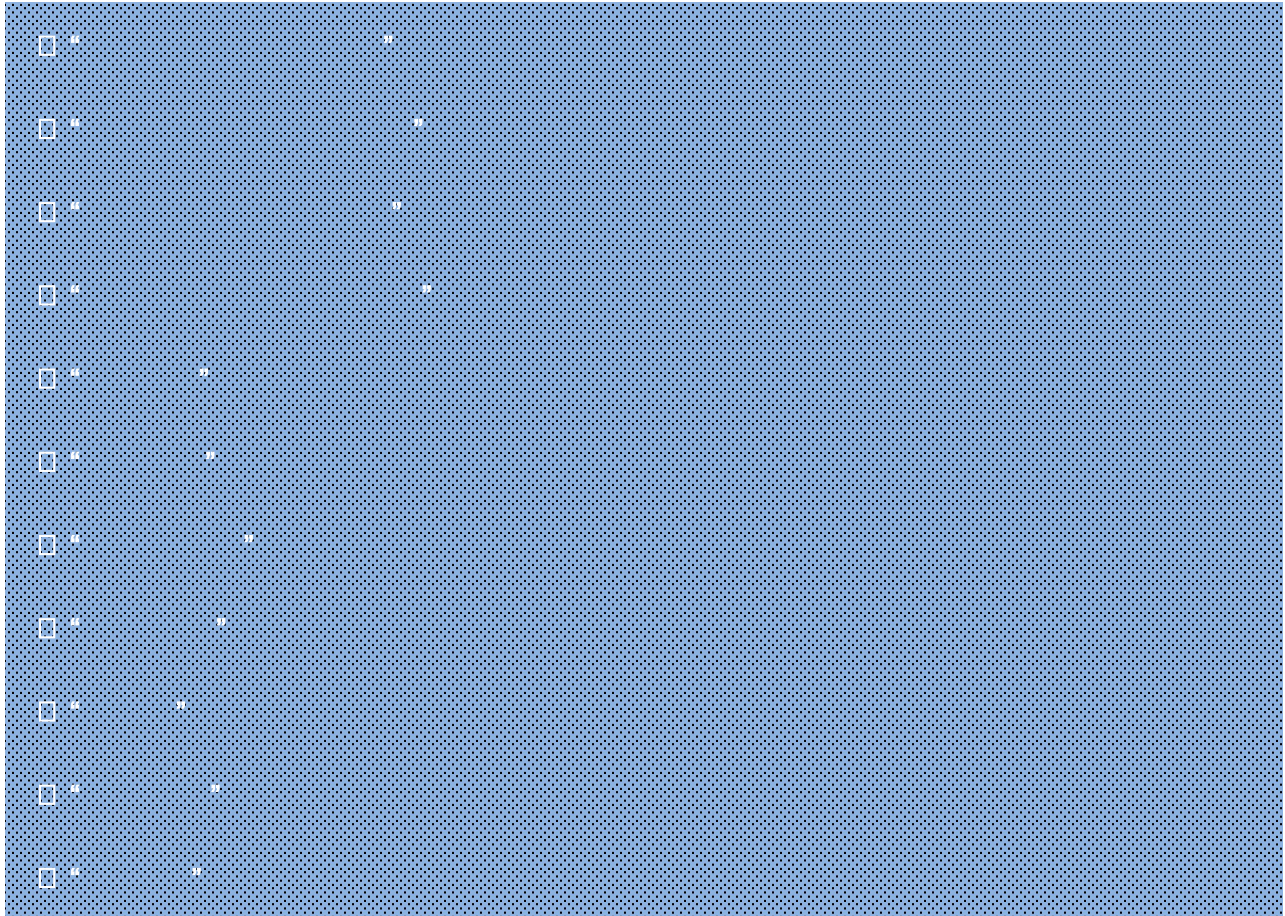
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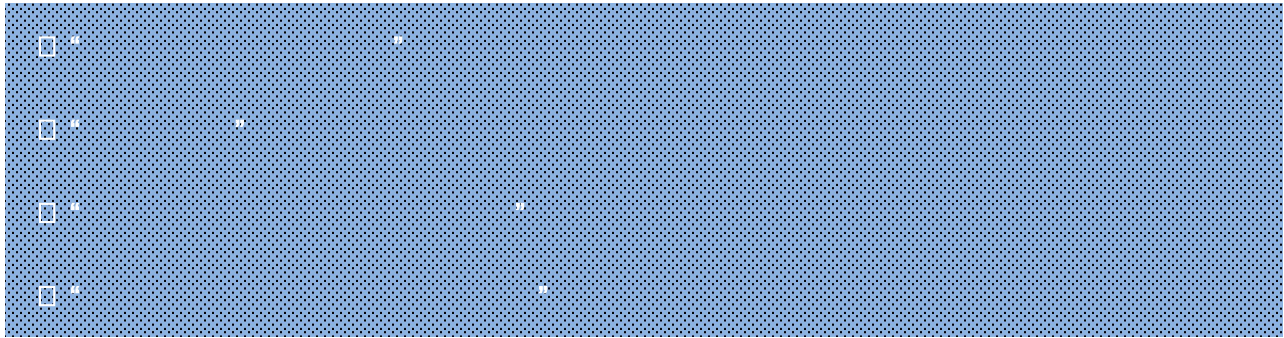
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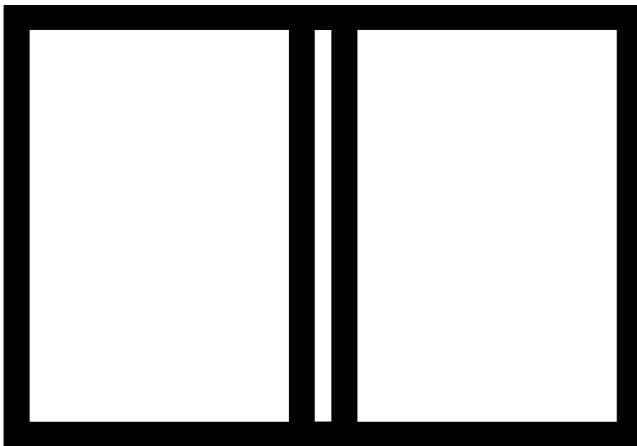
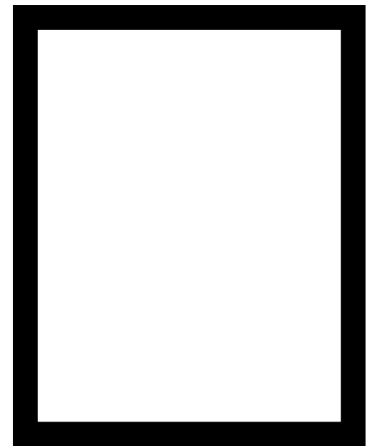
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Use objects for switching and switching times

☐ No ☒ Yes

Maintain the

switching data and times received via communication objects.

not

From:

Month

January

Day

1

plb to and during.

Month

December

Day

1

Sequence 1:

Switch on time (hours)

0

Switch on time (minutes)

0

Switch-off time (hours)

0

Switch-off time (minutes)

0

End switch

on change to inactive

Send cycle

10 sec

8-bit output value if sequence active

0

8-bit output value if sequence inactive

0



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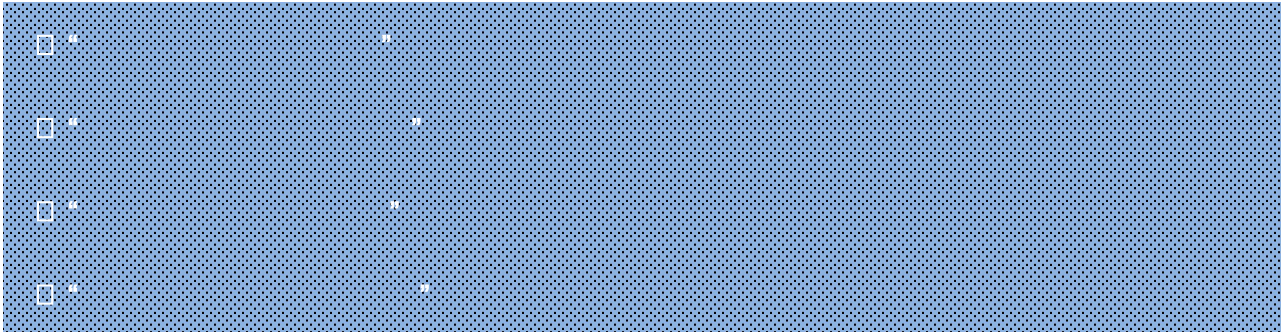
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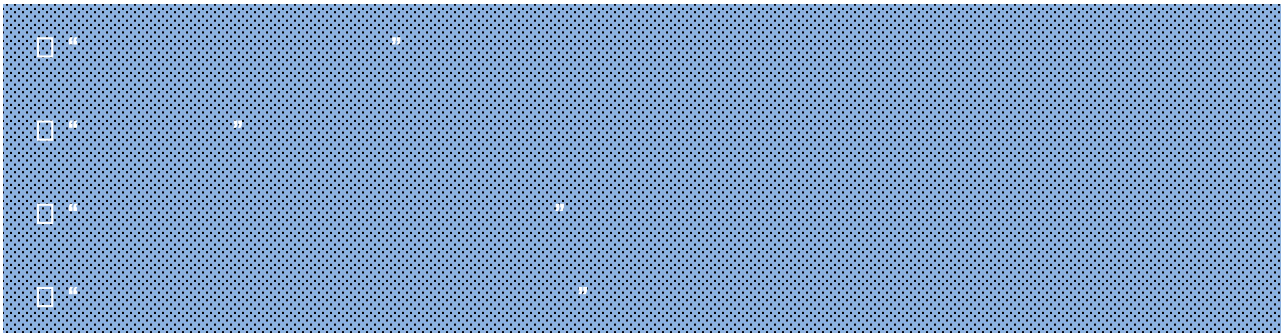
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AND logic:

AND logic 1

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AND logic 2

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AND logic 3

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AND logic 4

☒ not active ☐ active

AND logic 5

☒ not active ☐ active

AND logic 6

☒ not active ☐ active

AND logic 7

☒ not active ☐ active

AND logic 8

☒ not active ☐ active

OR logic

OR logic 1

☐ not active ☒ active

OR logic 2

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OR logic 3

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OR logic 4

☒ not active ☐ active

OR logic 5

☒ not active ☐ active

OR logic 6

☒ not active ☐ active

OR logic 7

☒ not active ☐ active

OR logic 8

☒ not active ☐ active

4.2 □ □ □ □ □ “Logic”

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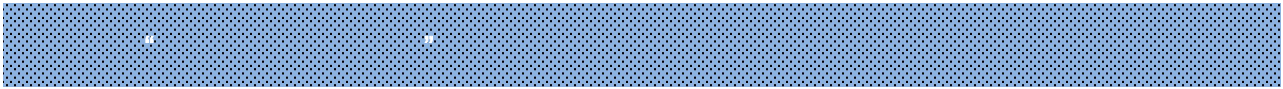
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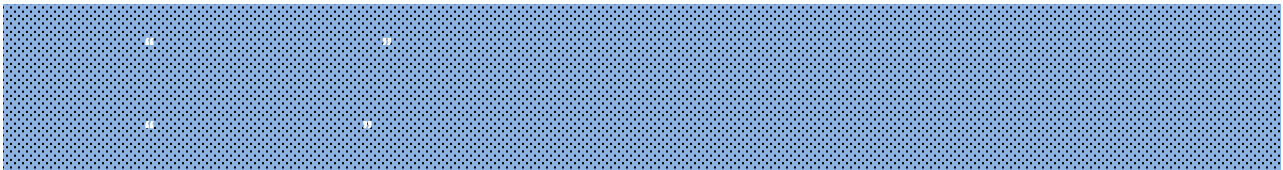
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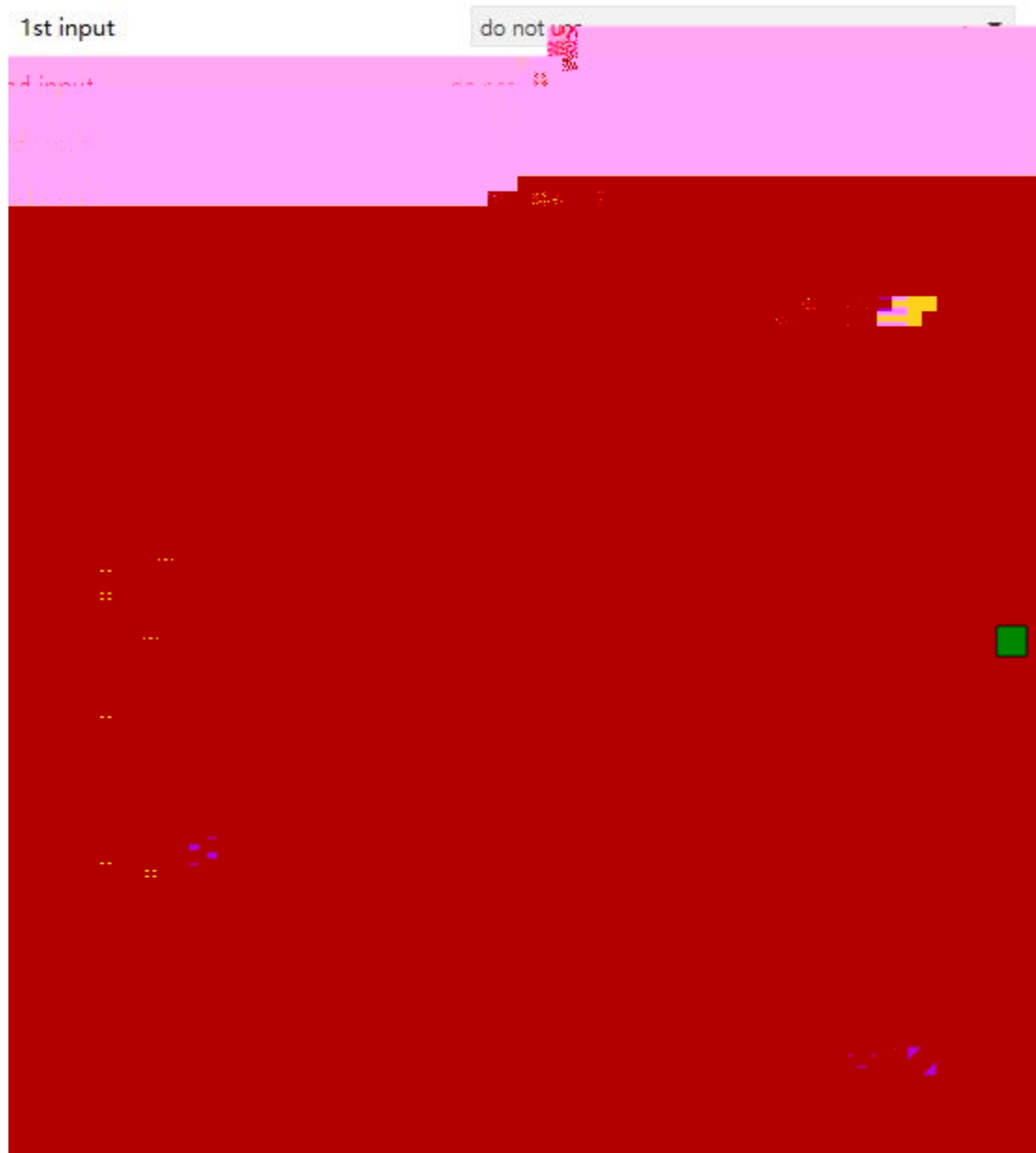
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Block:

Use block

☐ No ☒ Yes

Evaluation of the blocking object

☒ 1 = block | 0 = Release

☐ 0 = block | 1 = Release

Blocking object value
before 1. communication

☒ 0 ☐ 1

Output behaviour

☒ do not send telegram

☐ Transmit blocking value

on release
with 2 seconds release delay)

send value for current logic status

Monitoring:

input monitoring

☐ No ☒ Yes

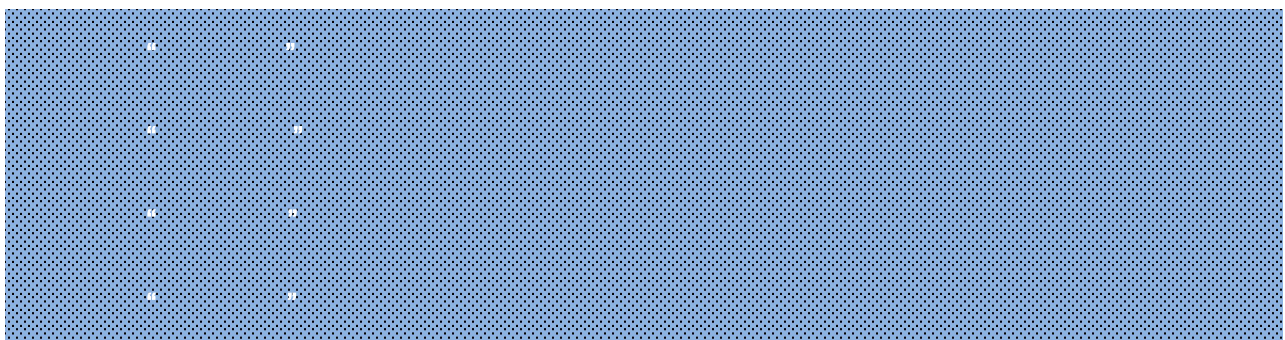
output monitoring

1 + 2 + 3 + 4

monitoring priority

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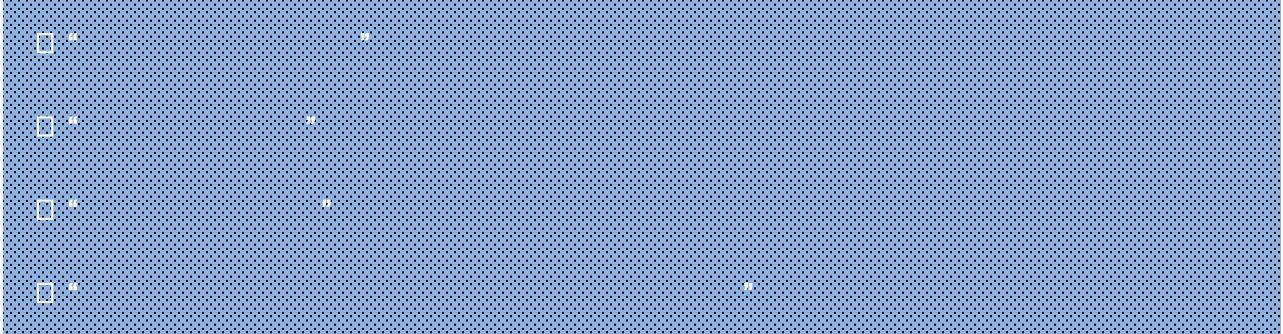
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序号	对象功能	描述	群组地址	长度	C	R	W	T	U	数据类型	优先级
110	Location: al	Output		4 bytes	C	R	-	-	-	int16	10

5.3 ☐ ☐ “Location”

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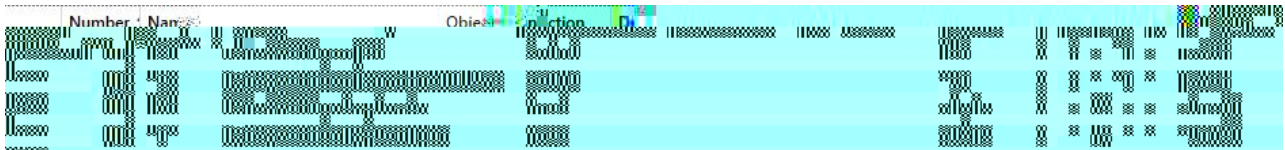
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5.4 ☐ ☐ “Rain”

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<p>☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 5</p> <p>☐ ☐ k</p> <p>1--☐ ☐</p> <p>--☐ ☐</p>					
<p>☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ “ ☐ ☐ ” ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ s k</p>					
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□ 5.4 □ □ “Rain”



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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Period
121	Temperature sensor: Mainfunction	Output			1 bit						Low	
122	Temperature sensor: External measurement	Input										

5.5 ☐ ☐ "Temperature"



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KNX PS ☐ ☐ ☐ Pro

☐ ☐ ☐ ☐ " external measured value proportion of the total measure value " ☐ ☐ %					
☐ ☐ ☐ ☐ ☐ ☐ k					
☐ ☐ ☐ ☐ y ☐ o + ☐ ☐ 1 ☐ ☐ ☐ KNX ☐ ☐ ☐ ☐ o ☐ o ☐ k					
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☐ ☐ ☐ ☐ o ☐ ☐ ☐ k					
					.
☐ ☐ ☐ ☐ o ☐ ☐ ☐ k					
☐ ☐ ☐ ☐ o + ☐ ☐ ☐ k					
					.
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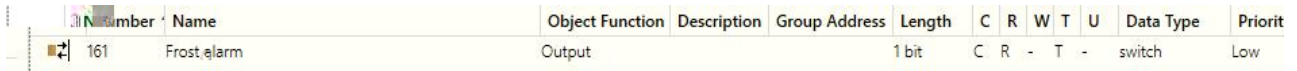
☐ 5.5 ☐ ☐ "Temperature"

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☐ 5.6 ☐ "Temperature threshold value"



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☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ “ Object value with frost ” ☐ ☐ ☐ ☐					
☐ ☐ k					

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☐ ☐

Number	Name	Object Function	Description	Color
1	Humidity measured value	Humidity	Humidity measured value	Blue
2	Humidity measured value	Humidity	Humidity measured value	Blue
3	Humidity measured value	Humidity	Humidity measured value	Blue
4	Humidity measured value	Humidity	Humidity measured value	Blue
5	Humidity measured value	Humidity	Humidity measured value	Blue
6	Humidity measured value	Humidity	Humidity measured value	Blue
7	Humidity measured value	Humidity	Humidity measured value	Blue
8	Humidity measured value	Humidity	Humidity measured value	Blue
9	Humidity measured value	Humidity	Humidity measured value	Blue
10	Humidity measured value	Humidity	Humidity measured value	Blue

5. ☐ ☐ "Humidity measured value"

☐	☐	☐ ☐	☐		DPT
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1- ☐ ☐					
- ☐					
☐ ☐ ☐ ☐ ☐ ☐ ☐ k					
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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
411	Humidity threshold value absolute value	Input / Output			4 bytes						Modbus	Low
412	Humidity threshold value 0.1-10.0	Input			1 bit						Modbus	Low

5. ☐ ☐ "Humidity threshold value"



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“ Output is at(TV=threshold value)(SD=Switching distance) ” k					
☐ ☐ ☐ ☐ ☐ ☐ + ☐ $\hat{U}$ k ☐					
1- ☐ ☐					
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☐ 5. ☐ ☐ “Humidity threshold value”

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KNX PS ☐ ☐ ☐ Pro

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<div>" Output is at(TV=threshold value)(SD=Switching distance) " k</div>					
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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
474	Ambient climate status: i=cómodo table u=uncómodo	Output			1 bit	C	R	-	I	-	Switch	Low
475	Ambient climate status: Text	Output			14 bytes	C	R	-	T	-	Character String (ASCII)	Low

5.12 “Comfort field”



□ □

Number	Name	Object	Function	Description	Group	Address	Length	C	R	W	T	II	Data Type	Priority
5	Brightness sensor measurement	Output					2 bytes	C	R	-	T	-	lux (Lux)	Low

5.13 ☐ ☐ "Brightness"

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☐ 5.13 ☐ "Brightness"



KNX PS ☐ ☐ ☐ Pro

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
1	...	...	...	...	...						...	...
2	...	...	...	...	...						...	...
3	...	...	...	...	...						...	...
4	...	...	...	...	...						...	...
5	...	...	...	...	...						...	...
6	...	...	...	...	...						...	...
7	...	...	...	...	...						...	...
8	...	...	...	...	...						...	...
9	...	...	...	...	...						...	...
10	...	...	...	...	...						...	...
11	...	...	...	...	...						...	...
12	...	...	...	...	...						...	...
13	...	...	...	...	...						...	...
14	...	...	...	...	...						...	...
15	...	...	...	...	...						...	...
16	...	...	...	...	...						...	...
17	...	...	...	...	...						...	...
18	...	...	...	...	...						...	...
19	...	...	...	...	...						...	...
20	...	...	...	...	...						...	...
21	...	...	...	...	...						...	...
22	...	...	...	...	...						...	...
23	...	...	...	...	...						...	...
24	...	...	...	...	...						...	...
25	...	...	...	...	...						...	...
26	...	...	...	...	...						...	...
27	...	...	...	...	...						...	...
28	...	...	...	...	...						...	...
29	...	...	...	...	...						...	...
30	...	...	...	...	...						...	...
31	...	...	...	...	...						...	...
32	...	...	...	...	...						...	...
33	...	...	...	...	...						...	...
34	...	...	...	...	...						...	...
35	...	...	...	...	...						...	...
36	...	...	...	...	...						...	...
37	...	...	...	...	...						...	...
38	...	...	...	...	...						...	...
39	...	...	...	...	...						...	...
40	...	...	...	...	...						...	...
41	...	...	...	...	...						...	...
42	...	...	...	...	...						...	...
43	...	...	...	...	...						...	...
44	...	...	...	...	...						...	...
45	...	...	...	...	...						...	...
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48	...	...	...	...	...						...	...
49	...	...	...	...	...				</			

☐ ☐ ☐ ☐ ☐ DPT

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□ 5.14 □ □ “Brightness threshold values”

[illegible]

5.15 ☐ ☐ "Brightness, TV twilight sensor"

☐ ☐ ☐ ☐ DPT

$$x_1, x_2, \dots, x_n \in \mathbb{R}^n$$

□ □ □ n □ 1^k

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$$1 - \frac{1}{n} \rightarrow 1$$
$$- \square \quad \square n \quad 1$$

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Number	Name	Object Function	Description	Address	Length	C	R	W	T	U	Data Type	Price
331	Night Switching output	Output			1 octet	C	R	-	-	-	boolean	Low
332	Night Switching delay to night	input			2 bytes	C	-	W	-	-	time (s)	Low
333	Night Switching delay on day	input			2 bytes	C	-	W	-	-	time (s)	Low

5.16 ☐ ☐ "Night"

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☐ 5.16 ☐ ☐ "Night"



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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
343	Sun position: Direction of the sun	Input			2 bytes	C	-	W	T	-	2-byte float value	Low
344	Sun position: Height of the sun	Input			2 bytes	C	-	W	T	-	2-byte float value	Low

5.17 “Sun position”



DPT



Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
351	Wind sensor: Malfunction	Output			1 bit	C	R	-	-	-	switch	Low
352	Wind sensor: Measurement [m/s]	Output			1 byte	C	R	-	-	-	speed (m/s)	Low
353	Wind sensor: Measurement (Beaufort)	Output			1 byte	C	R	-	-	-	wind force scale (0..12)	Low
354	Wind sensor: Measurement query	Input			1 byte	C	-	-	-	-	1-bit, trigger	Low
355	Wind sensor: Maximum measurement [m/s]	Output			2 bytes	C	R	-	-	-	speed (m/s)	Low
356	Wind sensor: Maximum measurement (Beaufort)	Output			1 byte	C	R	-	-	-	wind force scale (0..12)	Low
357	Wind sensor: Maximum measurement query	Input			1 byte	C	-	-	-	-	1-bit, trigger	Low

5.1 □ □ “Wind measurement”

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<p>□ □ □ □ □ □ □ □ □ □ □ □ □+□ k</p>					
<p>□ □ □ □ □ □ □ □ □ □ k</p>					
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“Wind direction ranges”



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☐ 5.21 ☐ ☐ "Wind direction ranges"



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5.22 □ □ “Pressure measured value”

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□ □ □ □ □ 3 □ □ □ k					
□ □ □ □ □ □ □ □ k					
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KNX+ IB

KNX PS ☐ ☐ ☐ Pro

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☐ 5.22 ☐ ☐ "Pressure measured value"



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“ Output is at(TV=threshold value)(SD=Switching distance) ” k



Number	Name	Object	Function	Description	Group	Address	Length	C	R	W	T	U	Data Type	Priority
595	Summer compensation: Outdoor temperature	Input	Temperature	Outdoor temperature	Temperature	0x00000000	16						temperature °C	10
596	Summer compensation: Temperature	Output	Temperature	Temperature	Temperature	0x00000000	16						temperature °C	10
597	Summer compensation: Base temperature	Input	Temperature	Base temperature	Temperature	0x00000000	16						temperature °C	10

5.24 ☐ ☐ "Summer compensation"



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	Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
	609	Façade Wind measurement 1 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	610	Façade Wind measurement 2 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	611	Façade Wind measurement 3 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	612	Façade Wind measurement 4 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	613	Façade Wind measurement 5 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	614	Façade Wind measurement 6 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	615	Façade Wind measurement 7 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	616	Façade Wind measurement 8 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	617	Façade Wind measurement 9 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	618	Façade Wind measurement 10 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	619	Façade Wind measurement 11 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	620	Façade Wind measurement 12 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	621	Façade Wind measurement 13 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	622	Façade Wind measurement 14 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	623	Façade Wind measurement 15 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	624	Façade Wind measurement 16 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	625	Façade Wind measurement 17 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	626	Façade Wind measurement 18 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	627	Façade Wind measurement 19 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	628	Façade Wind measurement 20 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	629	Façade Wind measurement 21 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	630	Façade Wind measurement 22 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	631	Façade Wind measurement 23 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	632	Façade Wind measurement 24 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	633	Façade Wind measurement 25 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	634	Façade Wind measurement 26 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	635	Façade Wind measurement 27 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	636	Façade Wind measurement 28 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	637	Façade Wind measurement 29 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	638	Façade Wind measurement 30 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	639	Façade Wind measurement 31 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	640	Façade Wind measurement 32 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	641	Façade Wind measurement 33 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	642	Façade Wind measurement 34 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	643	Façade Wind measurement 35 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	644	Façade Wind measurement 36 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	645	Façade Wind measurement 37 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	646	Façade Wind measurement 38 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	647	Façade Wind measurement 39 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	648	Façade Wind measurement 40 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	649	Façade Wind measurement 41 in m/s	Input			2 bytes	C	-	W	T	-	speed (m/s)	Low
	650	Façade X channel (1+ 0:-)	Input			1 bit	C	-	W	-	-	switch	Low
	651	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	652	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	653	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	654	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	655	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	656	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	657	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	658	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	659	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	660	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	661	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	662	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	663	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	664	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	665	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	666	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	667	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	668	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	669	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	670	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	671	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	672	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	673	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	674	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	675	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	676	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	677	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	678	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	679	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	680	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	681	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	682	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	683	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	684	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	685	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	686	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	687	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	688	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	689	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	690	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	691	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	692	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	693	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	694	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	695	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	696	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	697	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	698	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	699	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	700	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	701	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	702	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	703	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	704	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	705	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	706	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	707	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	708	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	709	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	710	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	711	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	712	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	713	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	714	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	715	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	716	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	717	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	718	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	719	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	720	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	721	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	722	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	723	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	724	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	725	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	726	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	727	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	728	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	729	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	730	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	731	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	732	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	733	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	734	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	735	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	736	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	737	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	738	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	739	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	740	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	741	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	742	Façade X channel state text	Output...			14 bytes	C	R	-	T	-	Character.String(ASCII...) Low...	Low
	743	Façade X channel state text	Output...										

656	Façade Wind simulation in m/s	Input	2 bytes	C	R	W	-	-	speed (m/s)	Low
657	Façade Wind extension block (1: On 0: Off)	Input	1 bit	C	-	W	-	-	switch	Low
665	Façade Date simulation	Input	3 bytes	C	R	W	-	-	date	Low
666	Façade Time simulation	Input	3 bytes	C	R	W	-	-	time of day	Low
671	Façade Reset simulation (1: Reset)	Input	1 bit	C	-	W	-	-	switch	Low
671	Façade 1 angle mode simulation (1: On 0: Off)	Input	1 bit	C	R	W	-	-	switch	Low
672	Façade 1 simulation (1: On 0: Off)	Input	1 bit	C	R	W	-	-	switch	Low
673	Façade 1 block (1 = Block 0 = Release)	Input	1 bit	C	R	W	-	-	switch	Low
674	Façade 1 safety (1: On 0: Off)	Output	1 bit	C	R	-	T	-	switch	Low
675	Façade 1 wind extension block (1: On 0: Off)	Input	1 bit	C	-	W	-	-	switch	Low
676	Façade 1 wind extension block TLV in m/s	Input	2 bytes	C	R	W	T	-	speed (m/s)	Low
677	Façade 1 wind extension block TLV (1: + 0: -)	Input	1 bit	C	-	W	-	-	step	Low
678	Façade 1 wind extension status (1: On 0: Off)	Output	1 bit	C	R	-	T	-	switch	Low
679	Façade 1 wind alarm (1: On 0: Off)	Input	1 bit	C	-	W	-	-	switch	Low
680	Façade 1 wind alarm threshold value in m/s	Input	2 bytes	C	R	W	T	-	speed (m/s)	Low
681	Façade 1 wind alarm threshold value (1: + 0: -)	Input	1 bit	C	-	W	-	-	step	Low
682	Façade 1 wind alarm status (1: On 0: Off)	Output	1 bit	C	R	-	T	-	switch	Low
683	Façade 1 frost alarm status (1: On 0: Off)	Output	1 bit	C	R	-	T	-	switch	Low
684	Façade 1 rain automation (1: activated)	Input	1 bit	C	R	W	-	-	switch	Low
685	Façade 1 timed opening (1: act 0: deact)	Input	1 bit	C	R	W	-	-	switch	Low
687	Façade 1 timed opening status (1: On 0: Off)	Input	1 bit	C	R	-	T	-	switch	Low
688	Façade 1 outdoor temp. Blocking (1: activated)	Input	1 bit	C	R	W	-	-	switch	Low
698	Façade 1 pyranometer (1: activated)	Input	1 bit	C	R	W	-	-	switch	Low
699	Façade 1 pyranometer in W/m²	Input/Output	2 bytes	C	R	W	T	-	power density (W/m²)	Low
700	Façade 1 pyranometer in W/m² (1: + 0: -)	Input	1 bit	C	-	W	-	-	step	Low
701	Façade 1 pyranometer status (1: On 0: Off)	Output	1 bit	C	R	-	T	-	switch	Low
702	Façade 1 indoor temperature in °C	Input	2 bytes	C	-	W	T	-	temperature (°C)	Low
702	Façade 1 indoor temperature block (1: activated)	Input	1 bit	C	R	W	-	-	switch	Low
704	Façade 1 indoor temperature block (1: activated)	Input/Output	2 bytes	C	R	W	T	-	temperature	Low



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707	Façade 1 indoor temperature via bit object (1: block)	Input	1 bit	C	R	W	-	-	switch	Low
708	Façade 1 sun automation (1: activated)	Input	1 bit	C	R	W	-	-	switch	Low
709	Façade 1 sun automation Direction of the sun from (i...	Input	4 bytes	C	R	W	T	-	angle (degree)	Low
710	Façade 1 sun automation Direction of the sun from (1...	Input	1 bit	C	R	W	-	-	switch	Low
711	Façade 1 sun automation Direction of the sun up to (...)	Input	1 bit	C	-	W	-	-	step	Low
713	Façade 1 sun automation Height of the sun from (in °)	Input	4 bytes	C	R	W	T	-	angle (°)	Low
718	Façade 1 sun autom. brightness measurement in Lux	Input	2 bytes	C	-	W	T	-	lux (Lux)	Low
719	Façade 1 sun automation Brightness TLV in Lux	Input	2 bytes	C	R	W	T	-	lux (Lux)	Low
720	Façade 1 sun automation Brightness TLV in Lux	Input	2 bytes	C	R	W	T	-	lux (Lux)	Low

5.25 " acades"



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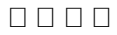
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☐ 5.25 ☐ ☐ " acades"



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☐ 5.26 ☐ ☐ "Computer"



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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
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5.27 ☐ ☐ "Week time switch"

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☐ 5.27 ☐ ☐ "Week time switch"

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Diagram illustrating the layout of a 64-bit floating-point number (IEEE 754 standard):

- Top Row (Bit Fields):**
 - 1 sign bit
 - 8 exponent bits
 - 11 mantissa bits
 - 24 bits for the mantissa
- Bottom Row (IEEE 754 Standard Layout):**
 - 1 sign bit
 - 8 exponent bits
 - 11 mantissa bits
 - 24 bits for the mantissa

□ 5.2 □ □ “Calendar time switch”



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Pro



Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
1790	Logic 1: Block	Input			1 bit						switch	Low
1800	AND logic 1: 8 bit switching output	Output			1 byte	C	R	-	T	-	boolean	Low
1801	AND logic 1: 8 bit output A	Output			1 byte	C	R	-	T	-	counter pulses (0..255)	Low
1802	AND logic 1: 8 bit output B	Output			1 byte	C	R	-	T	-	counter pulses (0..255)	Low
1803	AND logic 1: Block	Input			1 bit	C	-	W	-	-	switch	Low
1832	OR logic 1: 1 bit switching output	Output			1 bit	C	R	-	T	-	boolean	Low
1833	OR logic 1: 8 bit output A	Output			1 byte	C	R	-	T	-	counter pulses (0..255)	Low
1834	OR logic 1: 8 bit output B	Output			1 byte	C	R	-	T	-	counter pulses (0..255)	Low
1835	OR logic 1: Block	Input			1 bit	C	-	W	-	-	switch	Low

5.2 "Logic"



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Input



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☐ 5.2 ☐ ☐ "Logic"