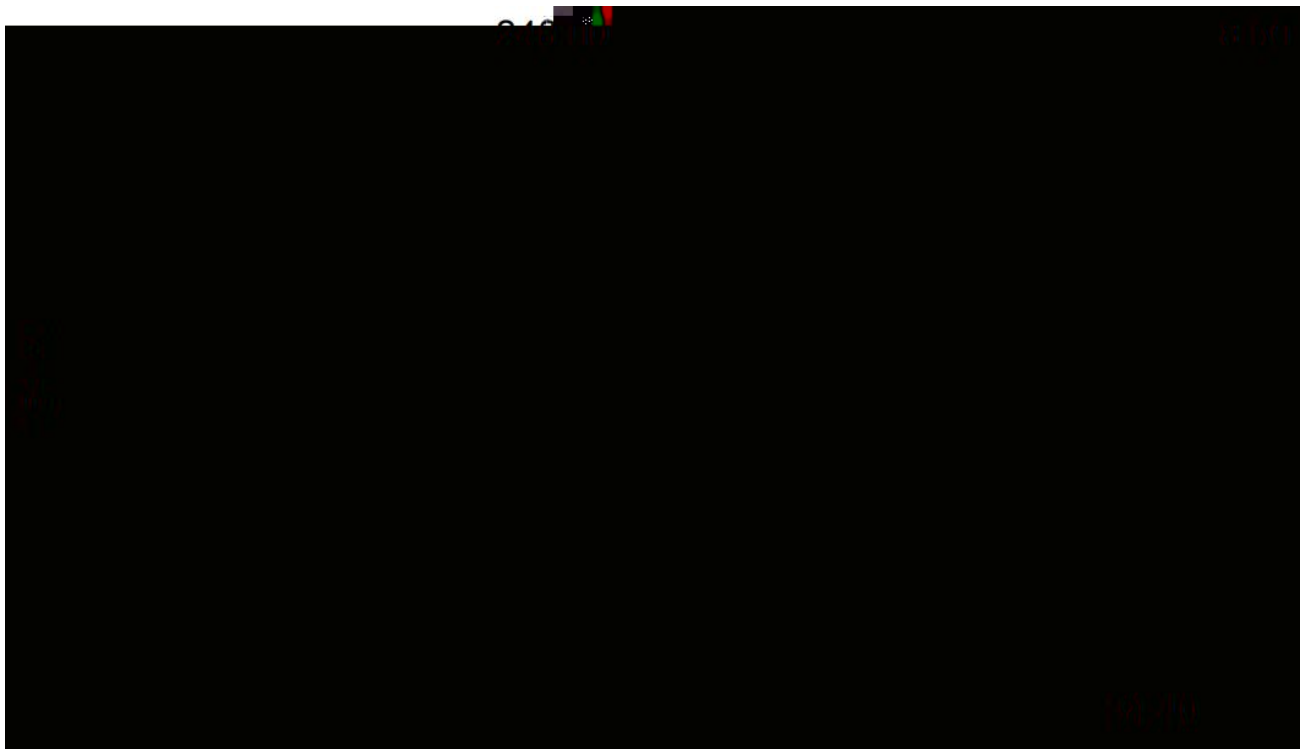
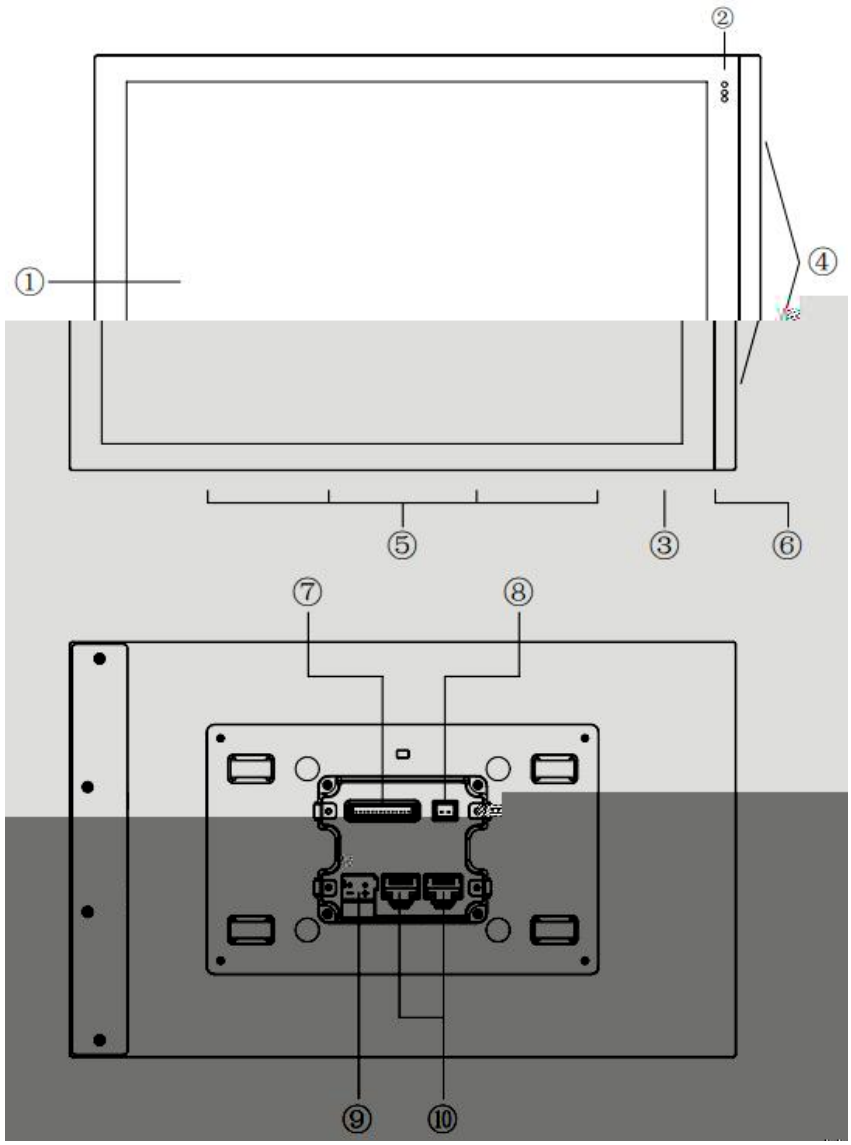
K-BUS

首页
设备
场景
对讲
10:23
08/01 星期四
本地音乐 卧室
Say It Right Pihbhg
Ed Sheeran《sfdfs》
大客厅
开启
吊灯
大客厅
休闲模式
大客厅
人体传感器
大客厅
湿度
紫外线
35℃
30%
8.0
开启
正常




②
①
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③
⑥
⑦
⑧
⑨
⑩

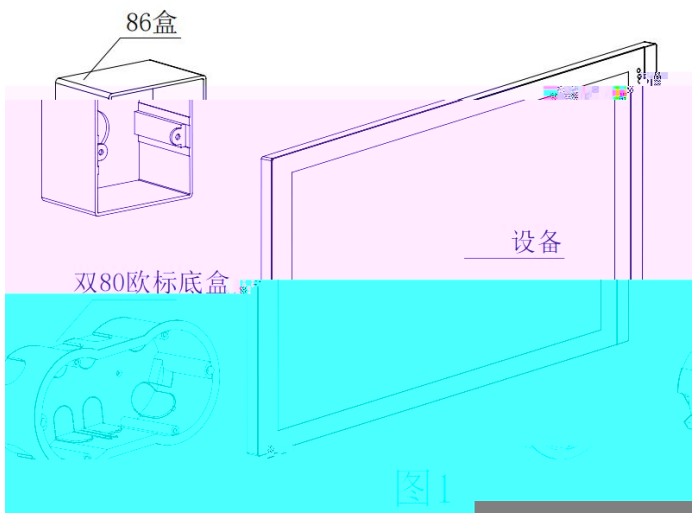
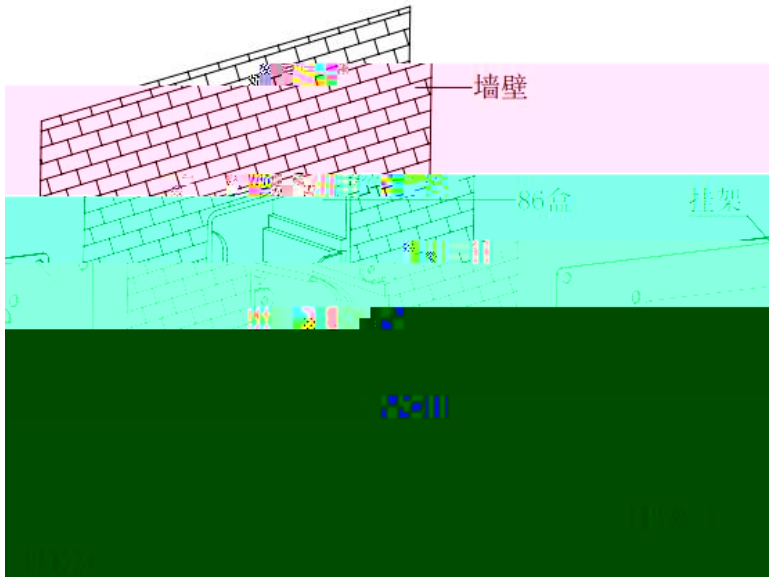
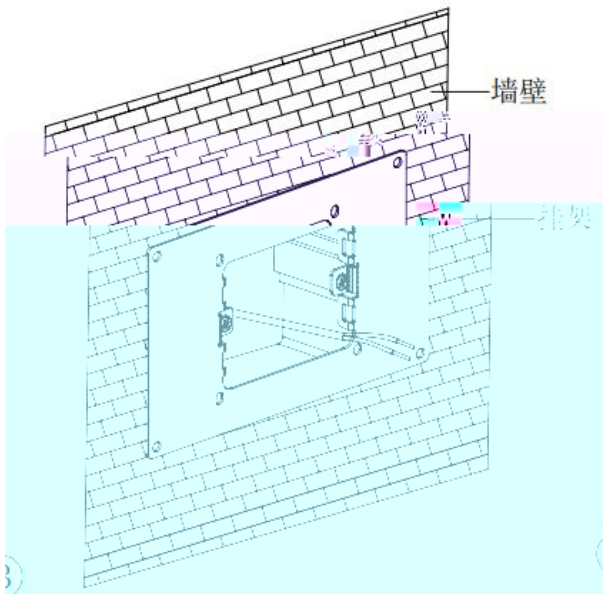
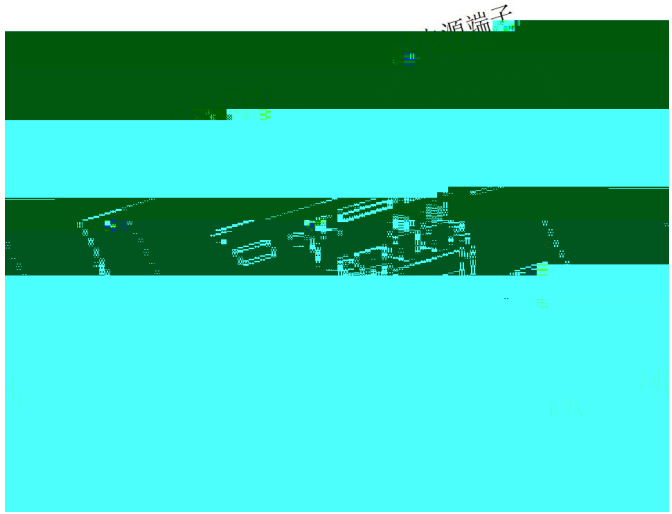
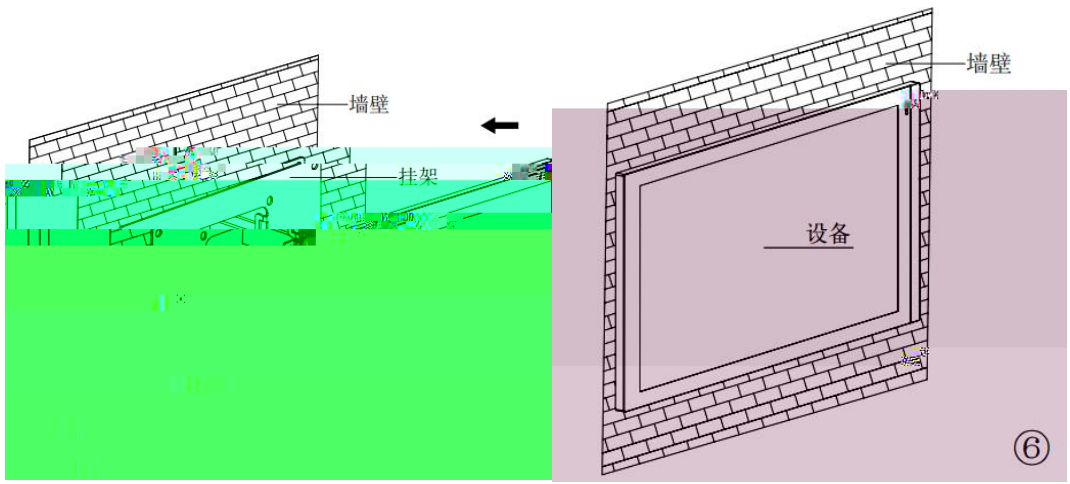


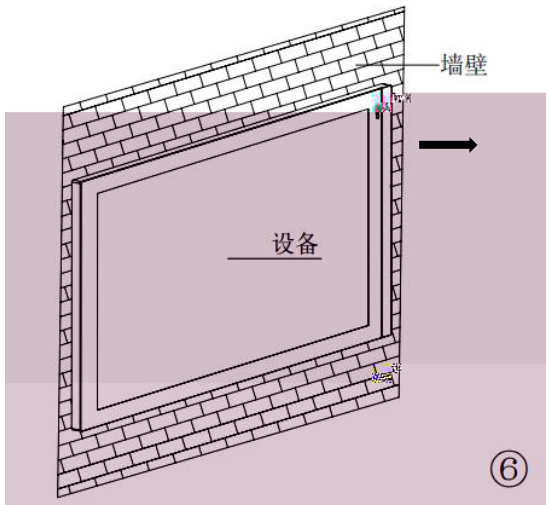
图1

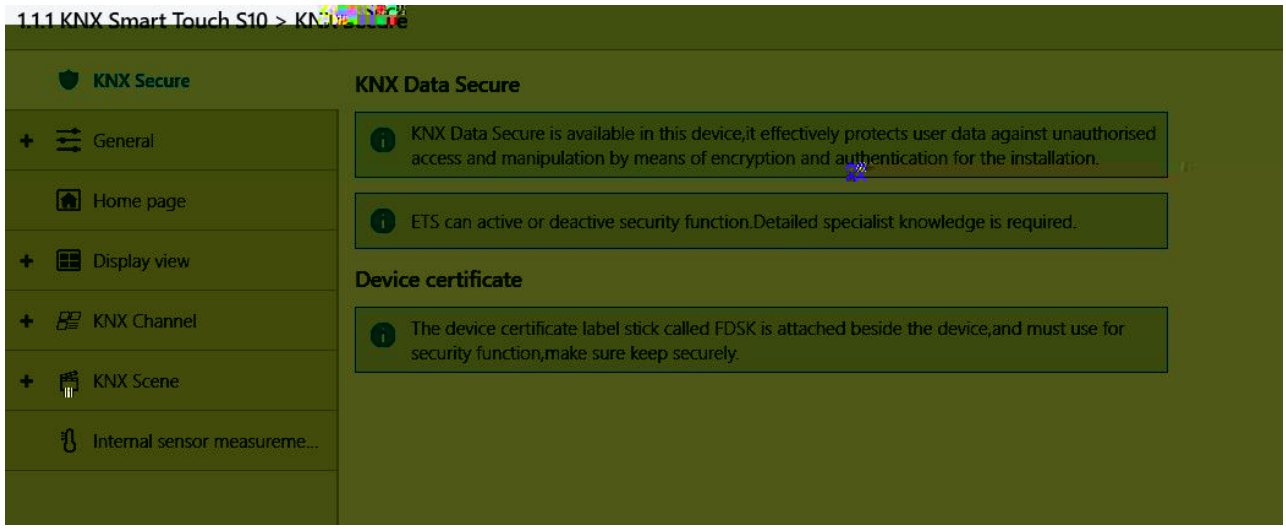

墙壁
86盒
挂架

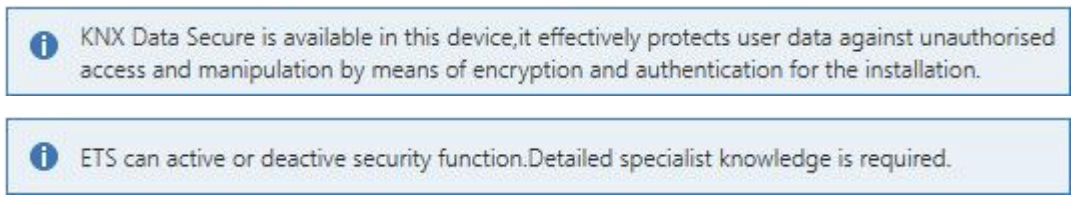

墙壁
挂架

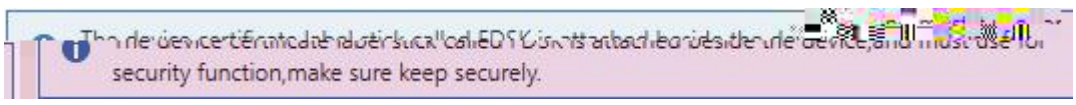


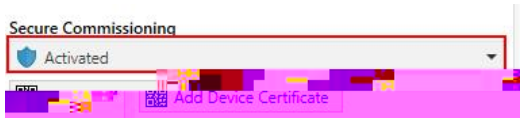

墙壁
挂架
墙壁
设备
⑥


墙壁
设备
⑥


KNX Secure
General
Home page
Display view
KNX Channel
KNX Scene
Internal sensor measureme...
KNX Data Secure
KNX Data Secure is available in this device,it effectively protects user data against unauthorised access and manipulation by means of encryption and authentication for the installation.
ETS can active or deactive security function.Detailed specialist knowledge is required.
Device certificate
The device certificate label stick called FDSK is attached beside the device,and must use for security function,make sure keep securely.


KNX Data Secure is available in this device,it effectively protects user data against unauthorised access and manipulation by means of encryption and authentication for the installation.
ETS can active or deactive security function.Detailed specialist knowledge is required.


security function,make sure keep securely.


Secure Commissioning
Activated
Add Device Certificate

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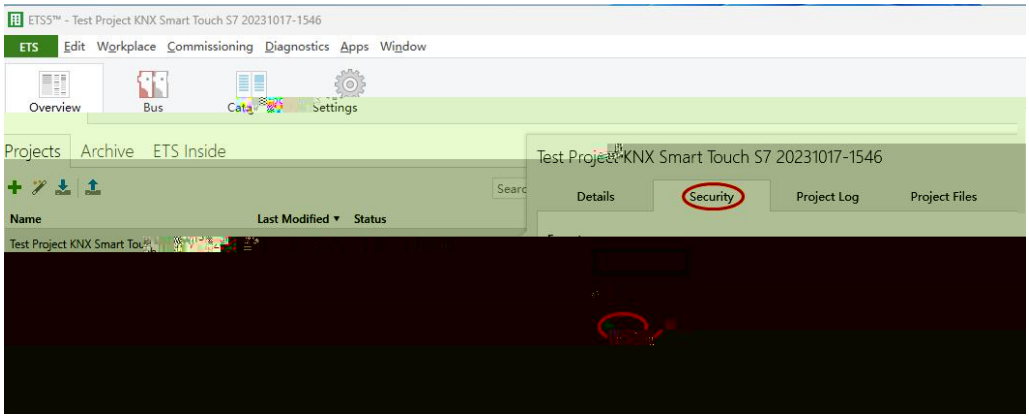
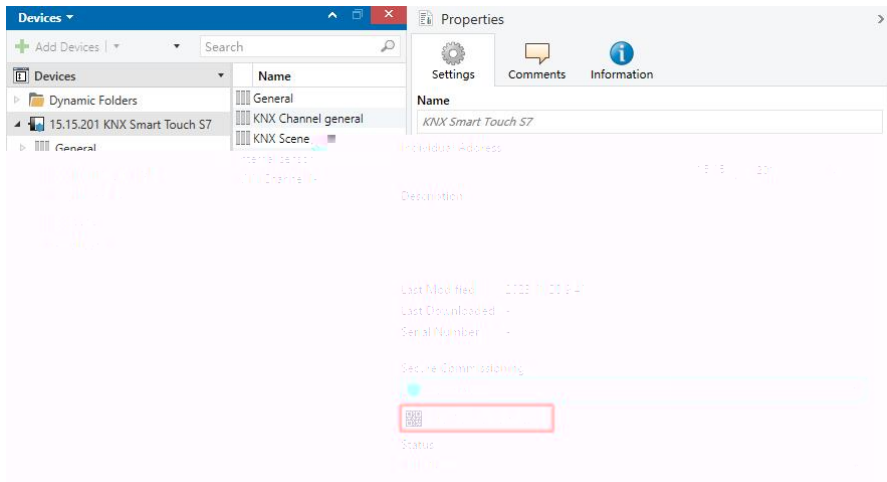
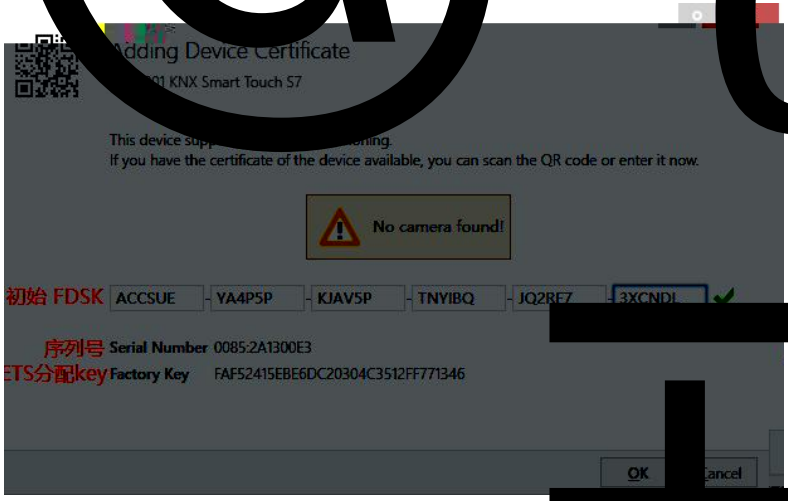
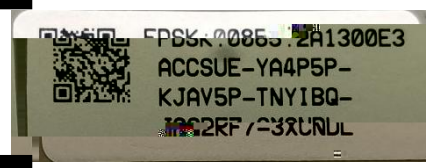
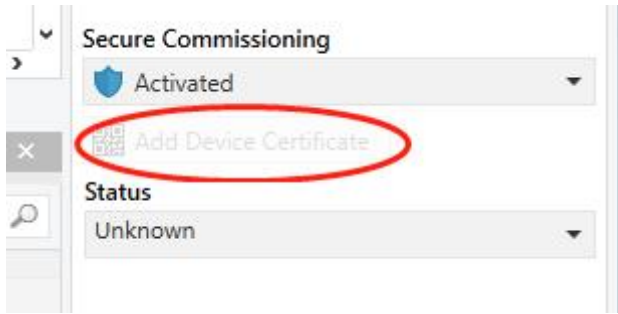
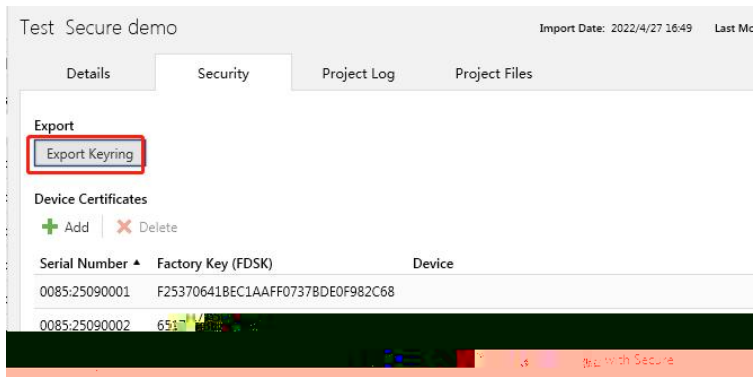

ETS5™ - Test Project KNX Smart Touch S7 20231017-1546
ETS
Edit
Workplace
Commissioning
Diagnostics
Apps
Window
Overview
Bus
Settings
Projects
Archive
ETS Inside
Name
Last Modified
Status
Test Project KNX Smart Touch S7 20231017-1546
Details
Security
Project Log
Project Files

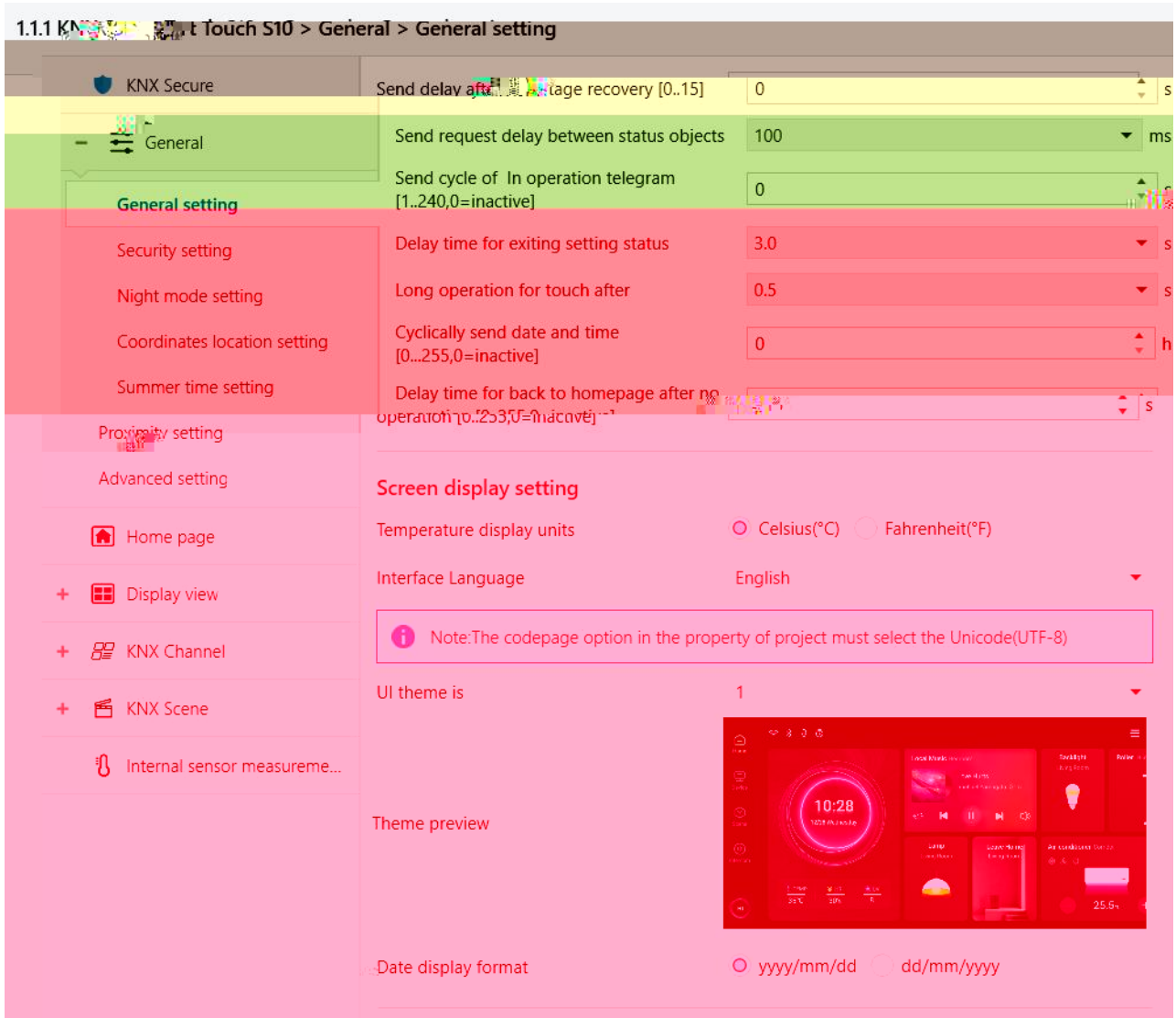

Devices
Add Devices
Search
Devices
Dynamic Folders
15.15.201 KNX Smart Touch S7
Name
General
KNX Channel general
KNX Scene
Properties
Settings
Comments
Information
Name
KNX Smart Touch S7


Adding Device Certificate
KNX Smart Touch S7
This device supp ning.
If you have the certificate of the device available, you can scan the QR code or enter it now.
No camera found!
初始 FDSK
ACCSUE
YA4P5P
KJAV5P
TNYIBQ
JQ2RE7
3XCNDL
序列号 Serial Number 0085:2A1300E3
ETS分配key Factory Key FAF52415EBE6DC20304C3512FF771346
OK
Cancel

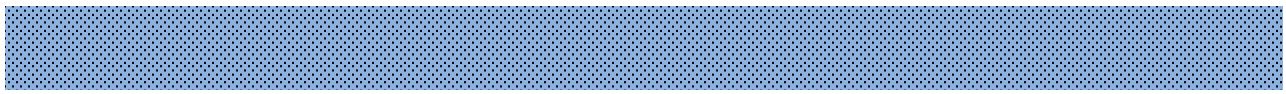

FDSK:0085:2A1300E3
ACCSUE-YA4P5P-
KJAV5P-TNYIBQ-


Secure Commissioning
Activated
Add Device Certificate
Status
Unknown


Test Secure demo
Import Date: 2022/4/27 16:49
Details
Security
Project Log
Project Files
Export
Export Keyring
Device Certificates
Add
Delete
Serial Number
Factory Key (FDSK)
Device
0085:25090001
F25370641BEC1AAFF0737BDE0F982C68
0085:25090002

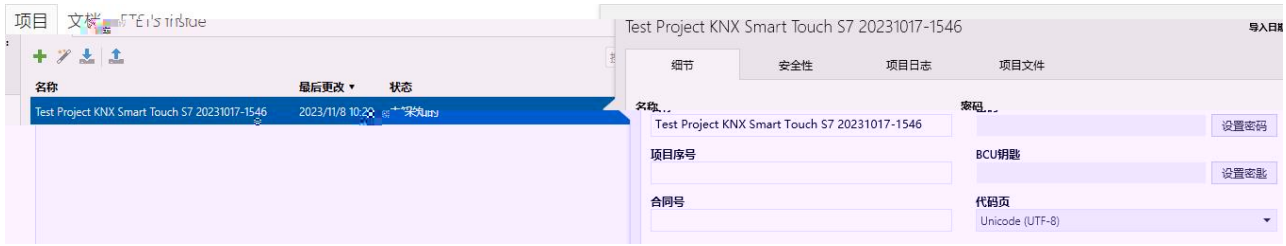

1.1.1 KN t Touch S10 > General > General setting
KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Advanced setting
Home page
Display view
KNX Channel
KNX Scene
Internal sensor measureme...
Send delay aft tage recovery [0..15]
0
s
Send request delay between status objects
100
ms
Send cycle of In operation telegram [1..240,0=inactive]
0
Delay time for exiting setting status
3.0
s
Long operation for touch after
0.5
s
Cyclically send date and time [0...255,0=inactive]
0
h
Delay time for back to homepage after no
s
Screen display setting
Temperature display units
Celsius(°C)
Fahrenheit(°F)
Interface Language
English
Note:The codepage option in the property of project must select the Unicode(UTF-8)
UI theme is
1
Theme preview
10:28
Date display format
yyyy/mm/dd
dd/mm/yyyy

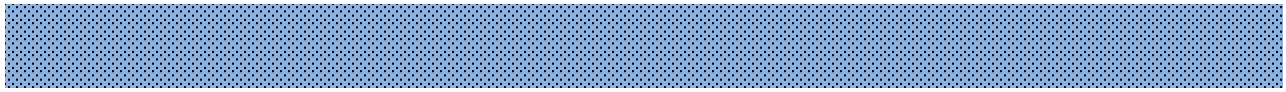
Extension function	
Night mode	✓
Proximity function	✓
Intercom function	✓

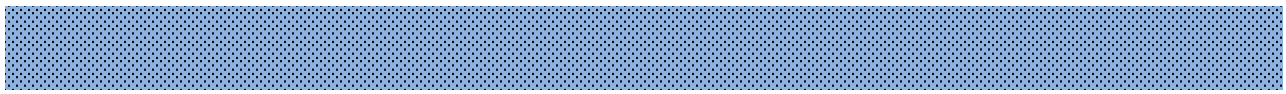


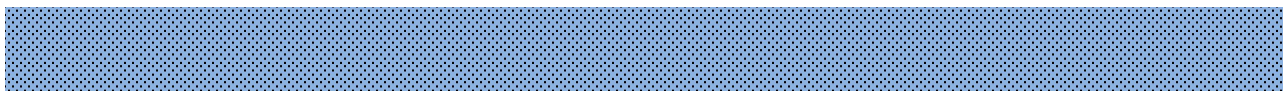
警告：请务必确保工程属性里的编码页选项为UTF-8，否则中文显示将会异常

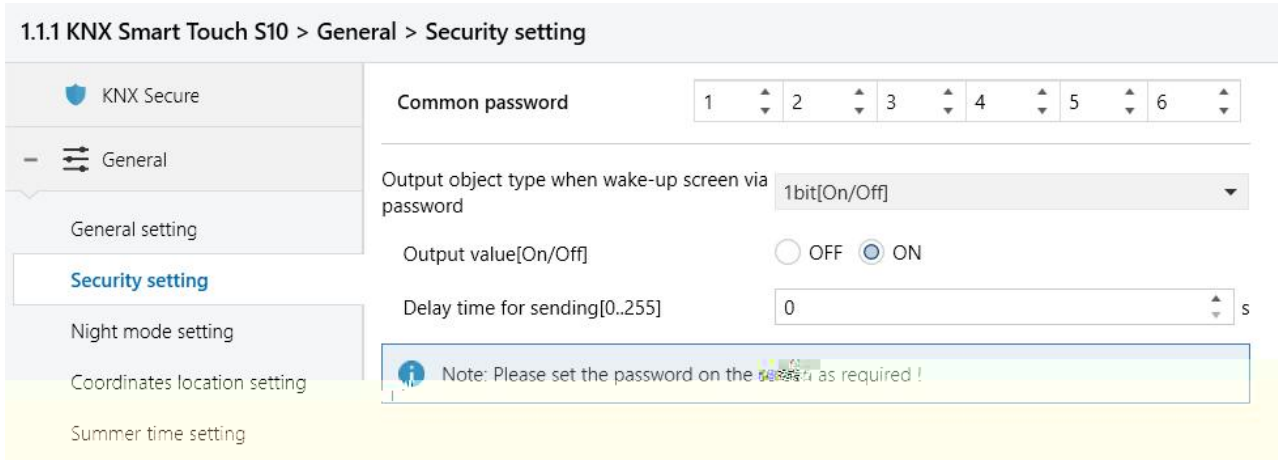
Note:The codepage option in the property of project must select the Unicode(UTF-8)

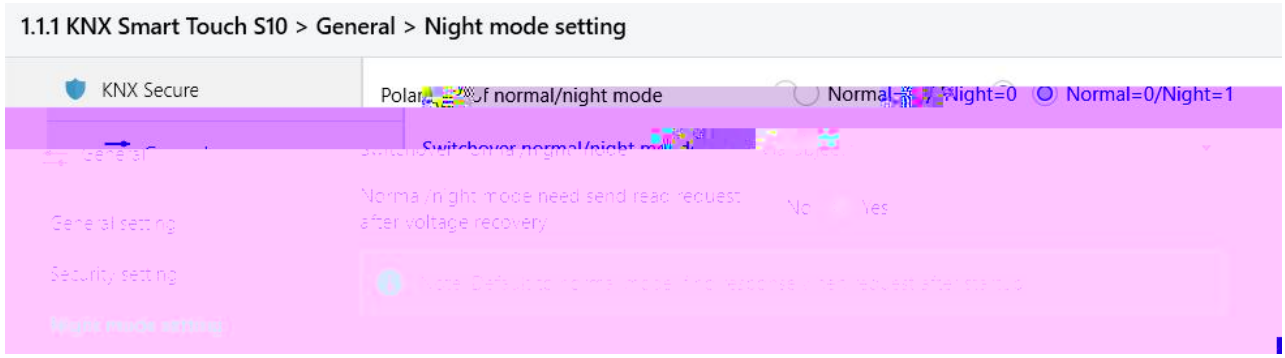

项目
名称
最后更改
状态
Test Project KNX Smart Touch S7 20231017-1546
Test Project KNX Smart Touch S7 20231017-1546
细节
安全性
项目日志
项目文件
Test Project KNX Smart Touch S7 20231017-1546
设置密码
项目序号
BCU钥匙
设置密匙
合同号
代码页
Unicode (UTF-8)

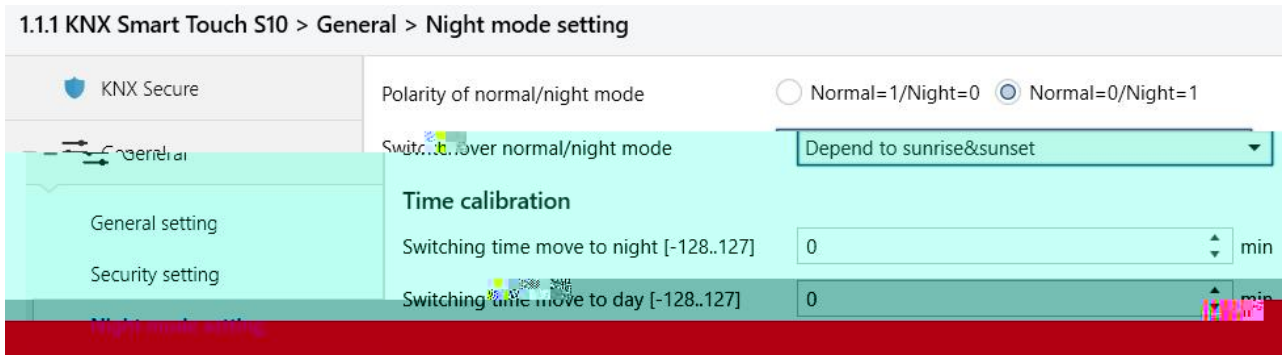




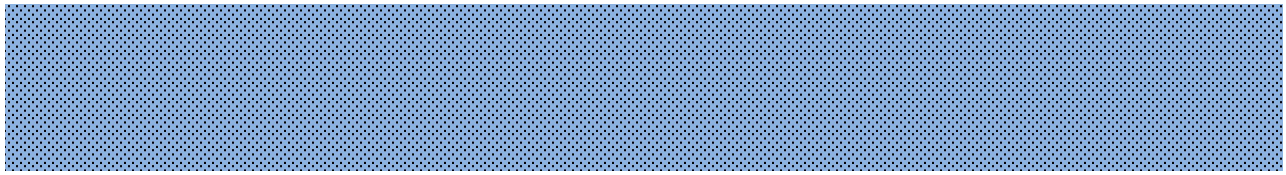


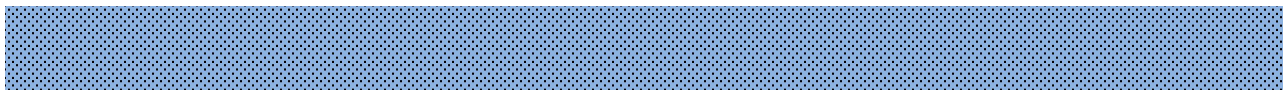

1.1.1 KNX Smart Touch S10 > General > Security setting
KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Common password
1
2
3
4
5
6
Output object type when wake-up screen via password
1bit[On/Off]
Output value[On/Off]
OFF
ON
Delay time for sending[0..255]
0
s
Note: Please set the password on the as required !

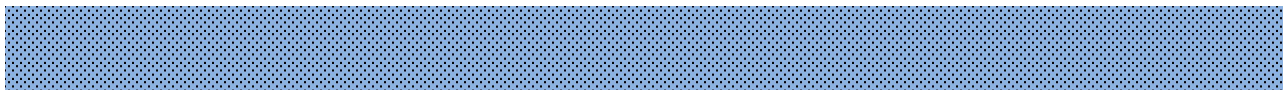

1.1.1 KNX Smart Touch S10 > General > Night mode setting
KNX Secure
Normal=0/Night=1

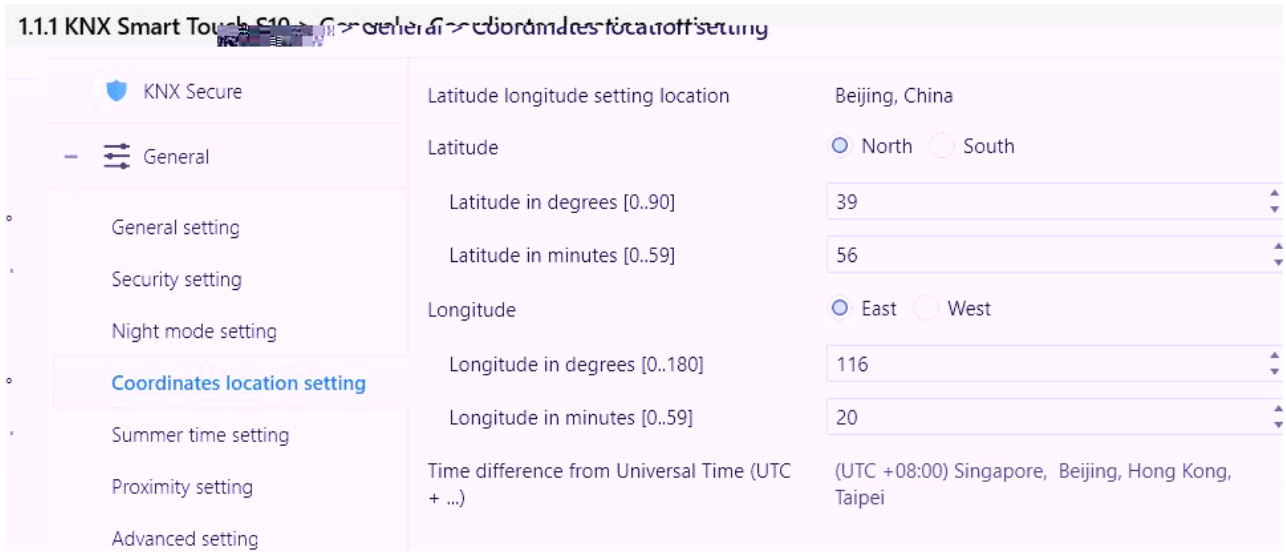

1.1.1 KNX Smart Touch S10 > General > Night mode setting
KNX Secure
Polarity of normal/night mode
Normal=1/Night=0
Normal=0/Night=1
Depend to sunrise&sunset
General setting
Security setting
Time calibration
Switching time move to night [-128..127]
0
min
Switching time move to day [-128..127]
0

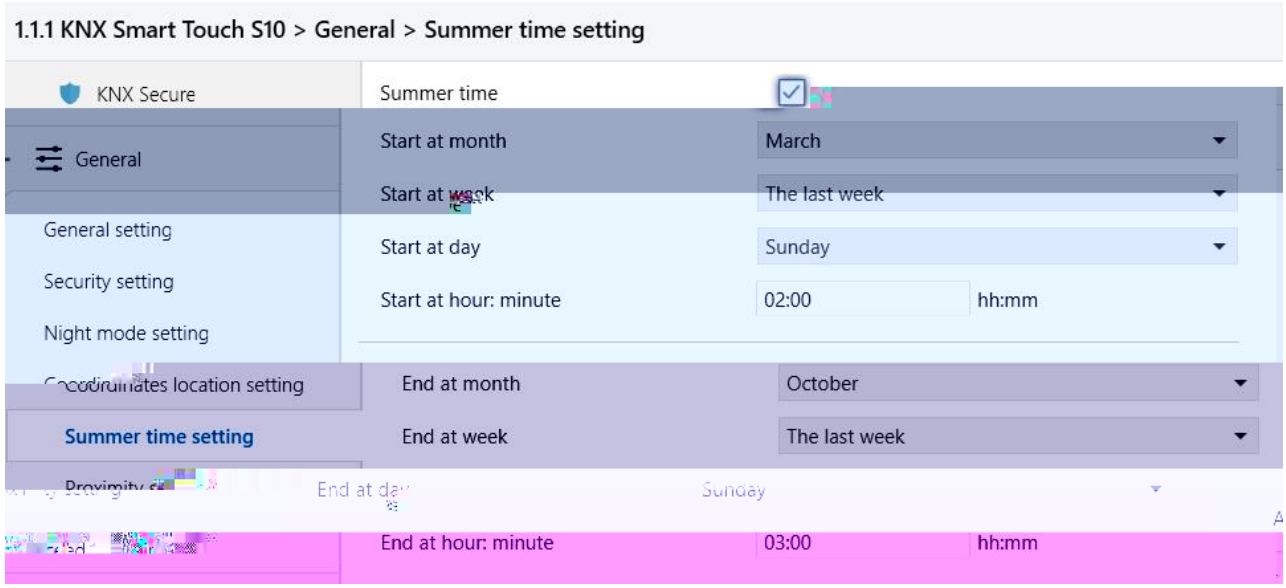
Note: Default to normal mode if no response when request after startup








1.1.1 KNX Smart Touch S10 > Coordinates location setting
KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Advanced setting
Latitude longitude setting location
Beijing, China
Latitude
North
South
Latitude in degrees [0..90]
39
Latitude in minutes [0..59]
56
Longitude
East
West
Longitude in degrees [0..180]
116
Longitude in minutes [0..59]
20
Time difference from Universal Time (UTC + ...)
(UTC +08:00) Singapore, Beijing, Hong Kong, Taipei


1.1.1 KNX Smart Touch S10 > General > Summer time setting
KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Summer time
Start at month
March
Start at week
The last week
Start at day
Sunday
Start at hour: minute
02:00
hh:mm
End at month
October
End at week
The last week
End at day
Sunday
End at hour: minute
03:00
hh:mm

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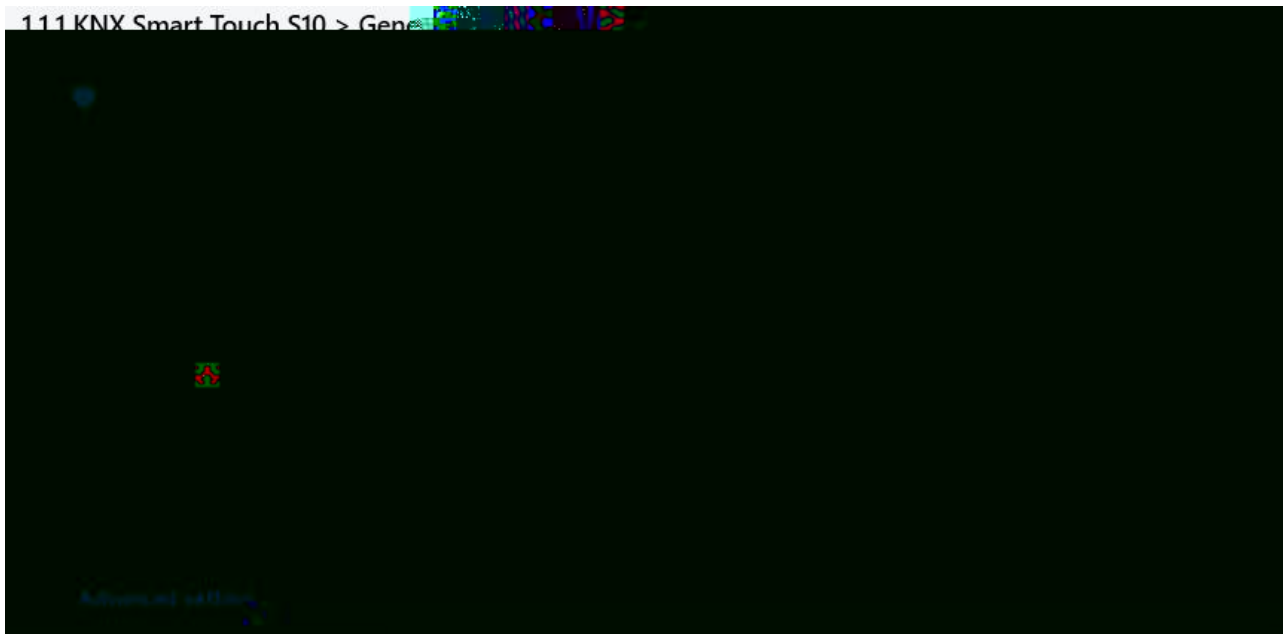
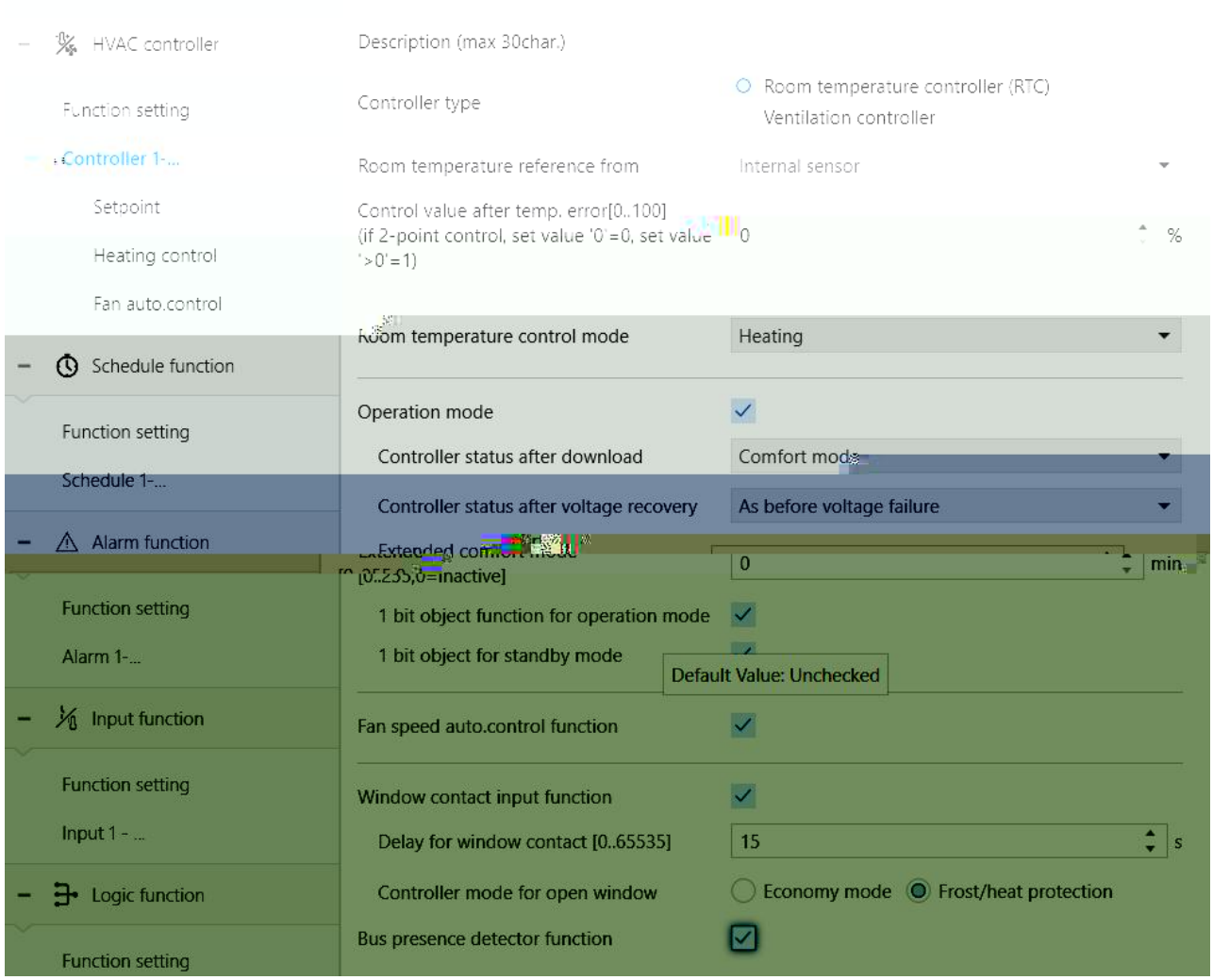
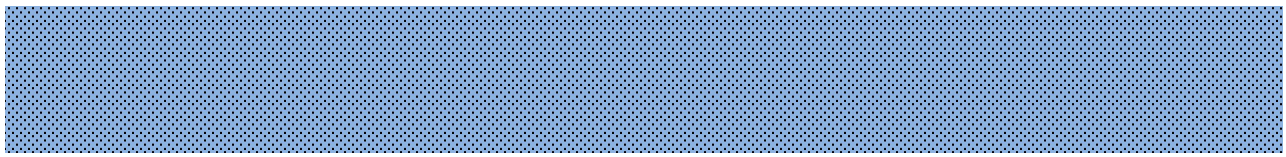
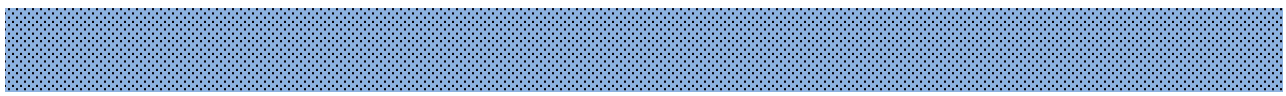


HVAC controller
Number of controllers (max. 6)
1
Function setting

1.1.1 KNX Smart Touch S10 > HVAC controller > Controller 1-...







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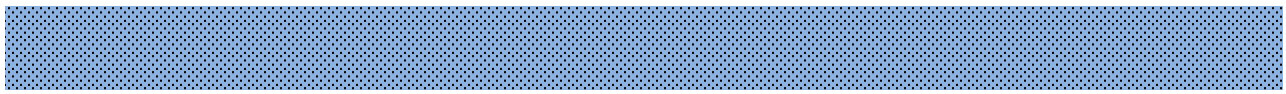
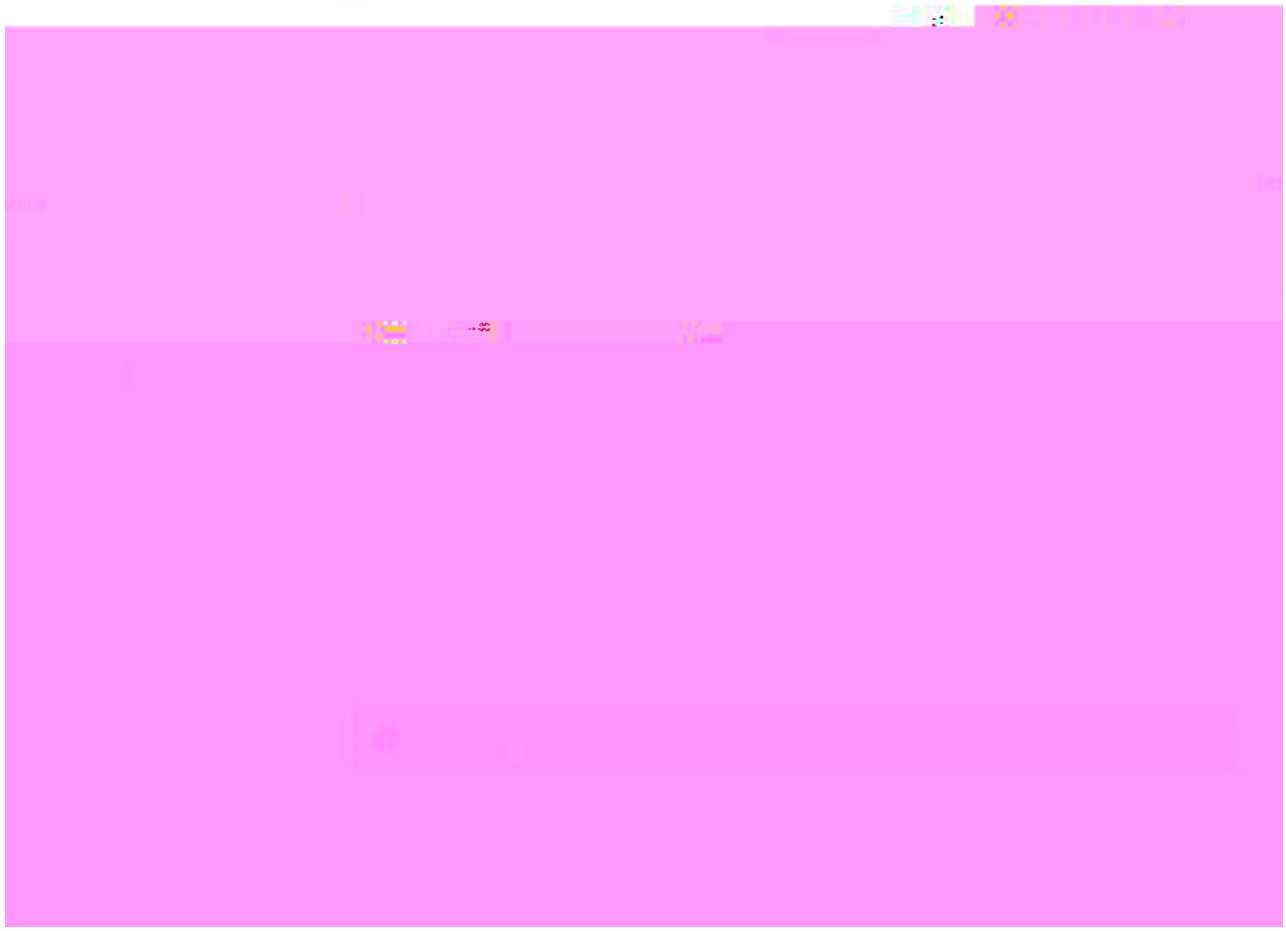
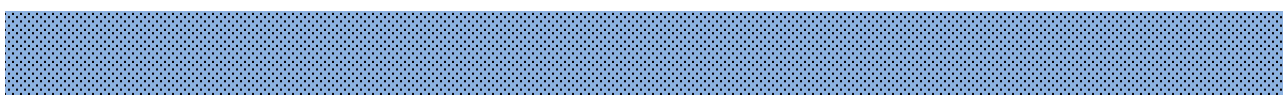
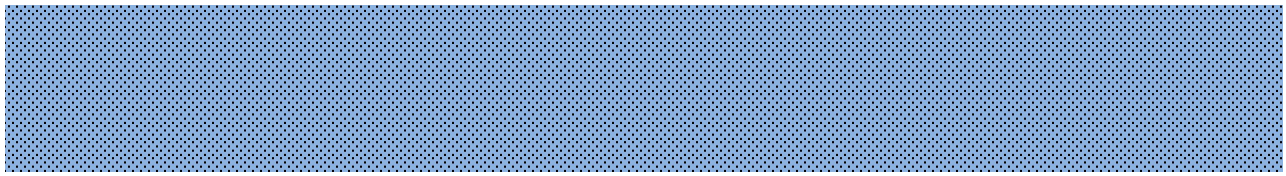


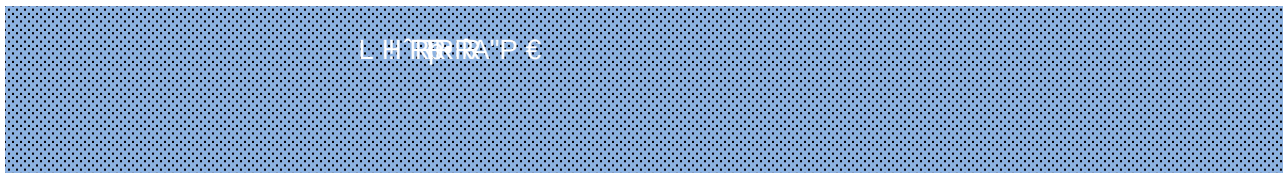
HVAC controller
Setpoint method for operating mode
Relative
Absolute
Function setting
Additional setpoint offset for setpoint adjustment
Disable
Enable
Min. setpoint offset [-10..0]
-5
K
Max. setpoint offset [0..10]
5
K
Heating
Reduced heating in standby mode [0..10]
2
K

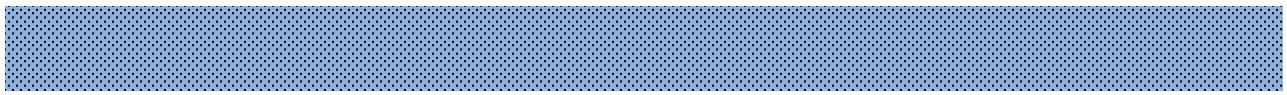
1.1.1 KNX Smart Touch S10 > HVAC controller > Controller 1- > Setpoint

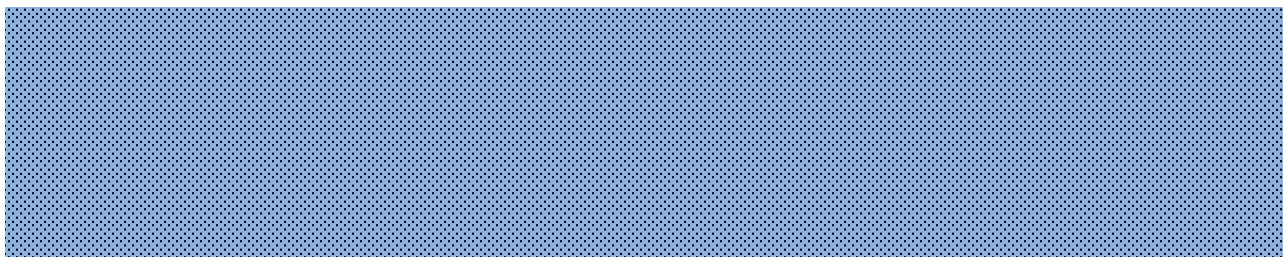






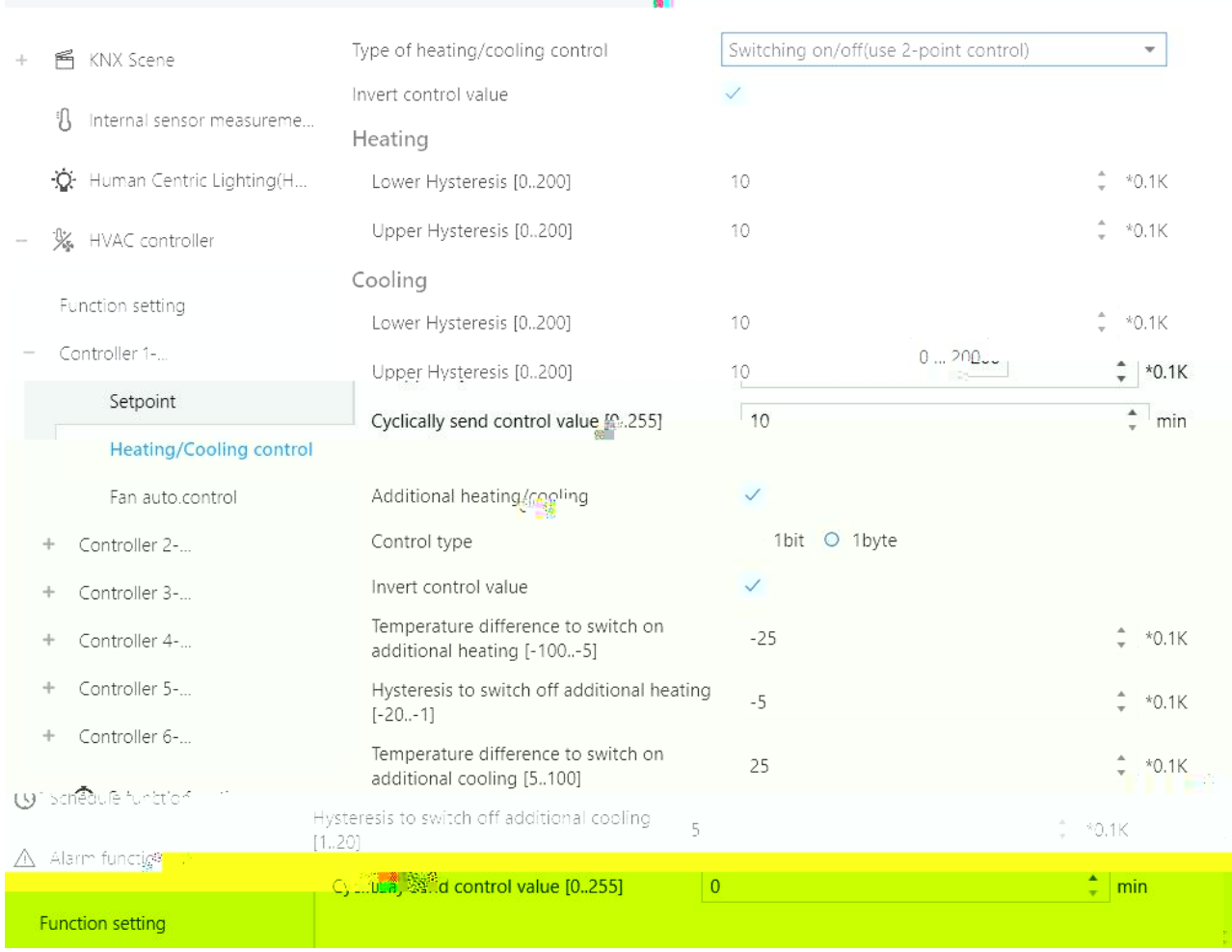


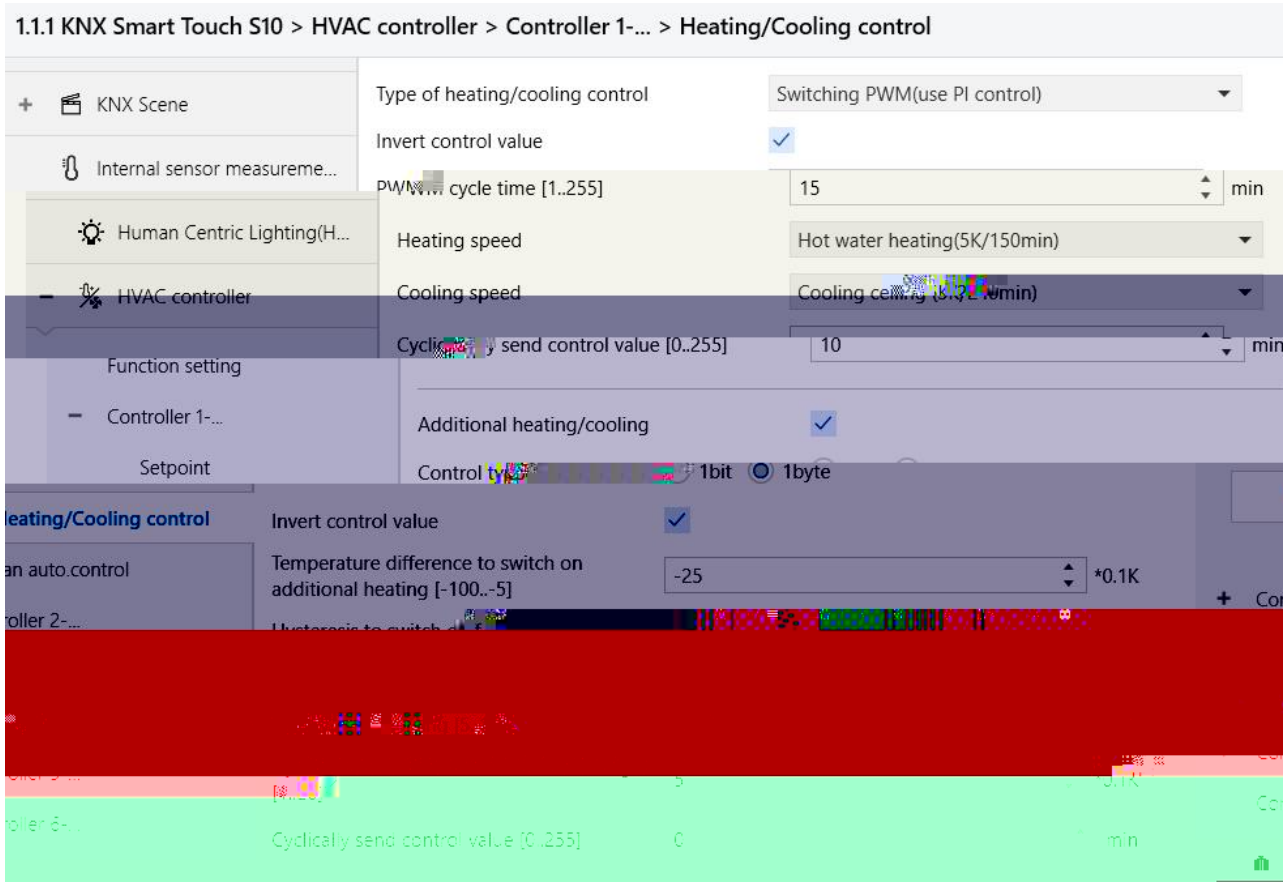


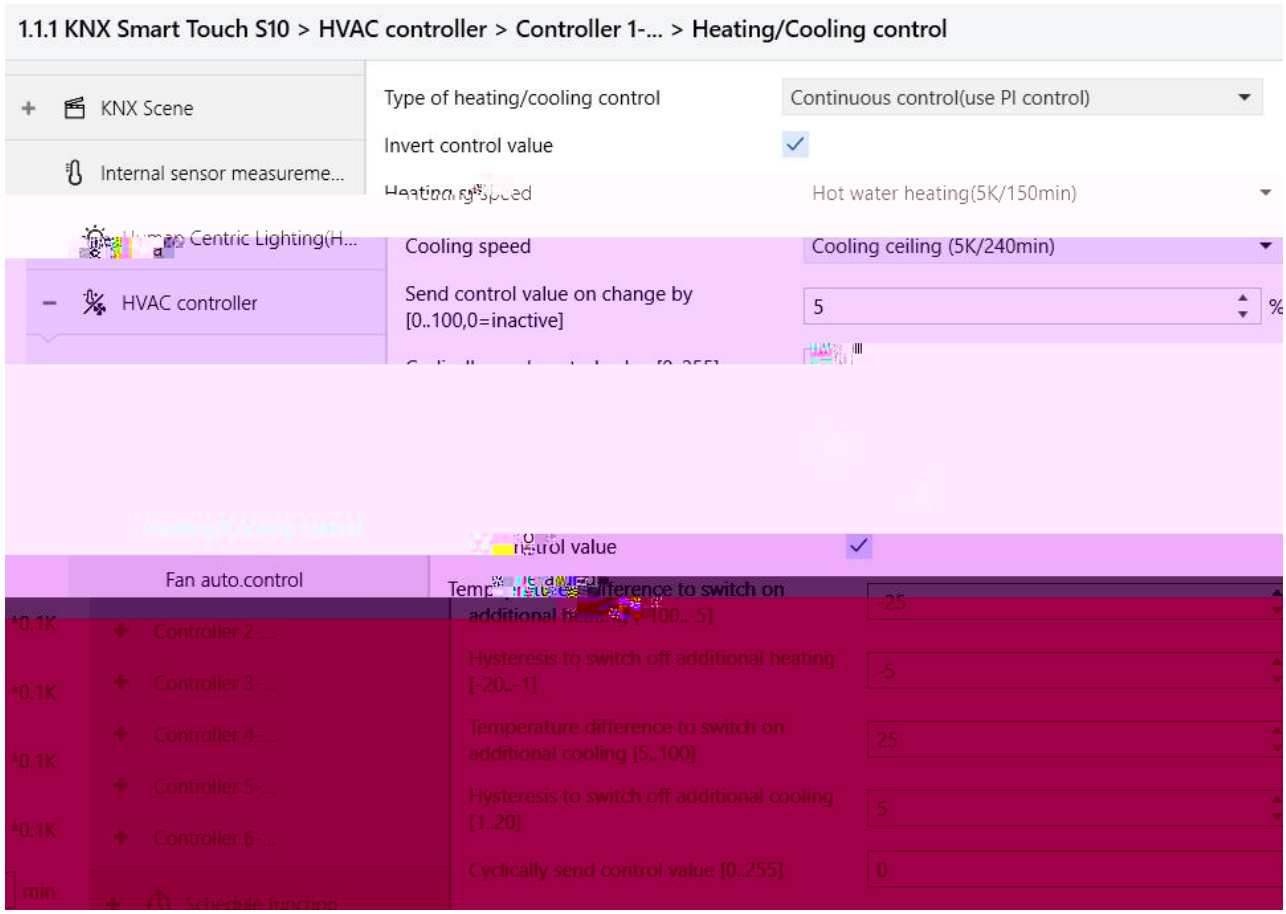


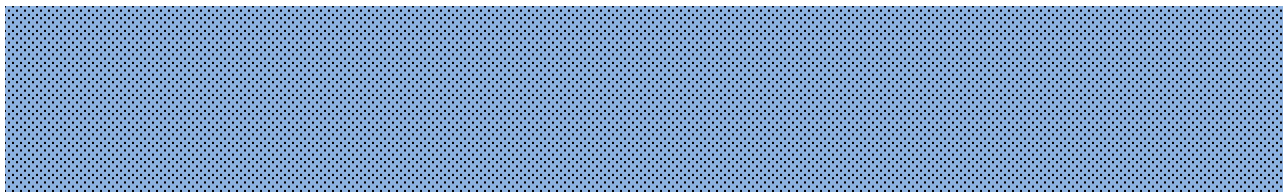
Note: The

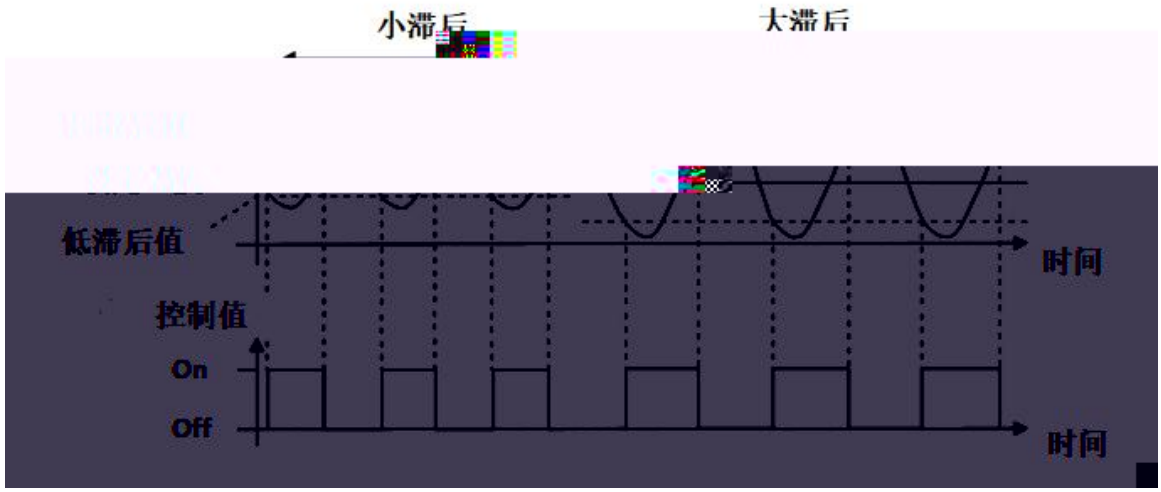
1.1.1 KNX Smart Touch S10 > HVAC controller > Controller 1-... > Heating/Cooling control

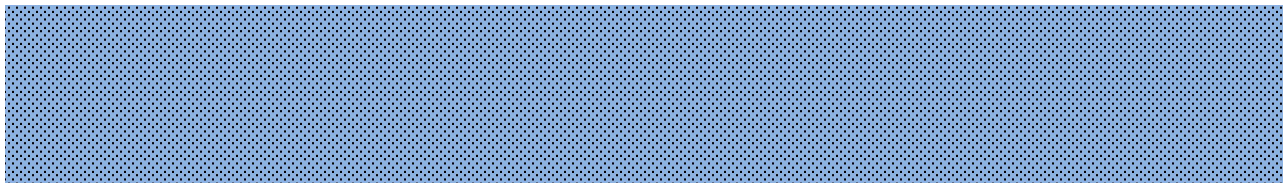


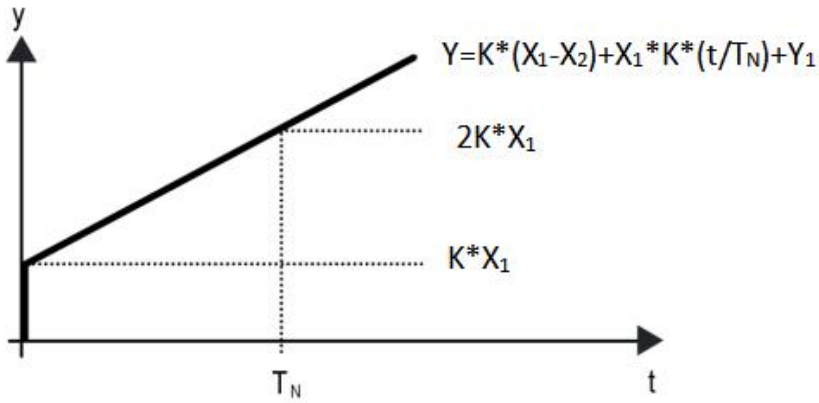

1.1.1 KNX Smart Touch S10 > HVAC controller > Controller 1-... > Heating/Cooling control
KNX Scene
Internal sensor measureme...
Human Centric Lighting(H...
HVAC controller
Function setting
Controller 1-...
Setpoint
Type of heating/cooling control
Switching PWM(use PI control)
Invert control value
PWM cycle time [1..255]
15
min
Heating speed
Hot water heating(5K/150min)
Cooling speed
Cyclically send control value [0..255]
10
Additional heating/cooling
Control type
1bit
1byte
Invert control value
Temperature difference to switch on additional heating [-100..-5]
-25
*0.1K
Cyclically send control value [0..255]
0
min

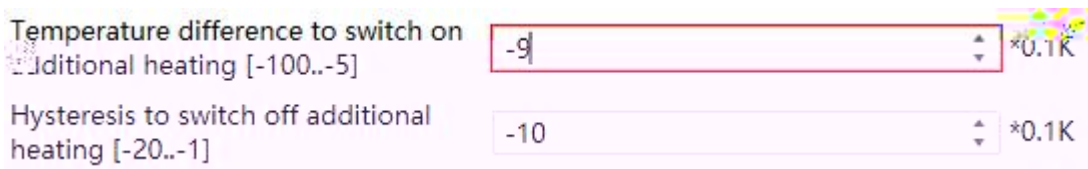

1.1.1 KNX Smart Touch S10 > HVAC controller > Controller 1-... > Heating/Cooling control
KNX Scene
Internal sensor measureme...
Human Centric Lighting(H...
HVAC controller
Type of heating/cooling control
Continuous control(use PI control)
Invert control value
Hot water heating(5K/150min)
Cooling speed
Cooling ceiling (5K/240min)
Send control value on change by [0..100,0=inactive]
5
%
Fan auto.control
Controller 2-...
Controller 3-...
Controller 4-...
Controller 5-...
Controller 6-...
Schedule function
*0.1K
*0.1K
*0.1K
*0.1K
min
Hysteresis to switch off additional heating [-20..-1]
-5
Temperature difference to switch on additional cooling [5..100]
25
Hysteresis to switch off additional cooling [1..20]
5
Cyclically send control value [0..255]
0

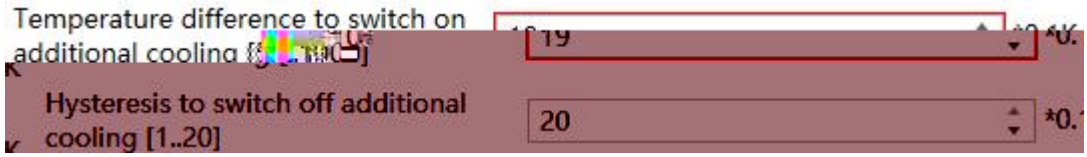


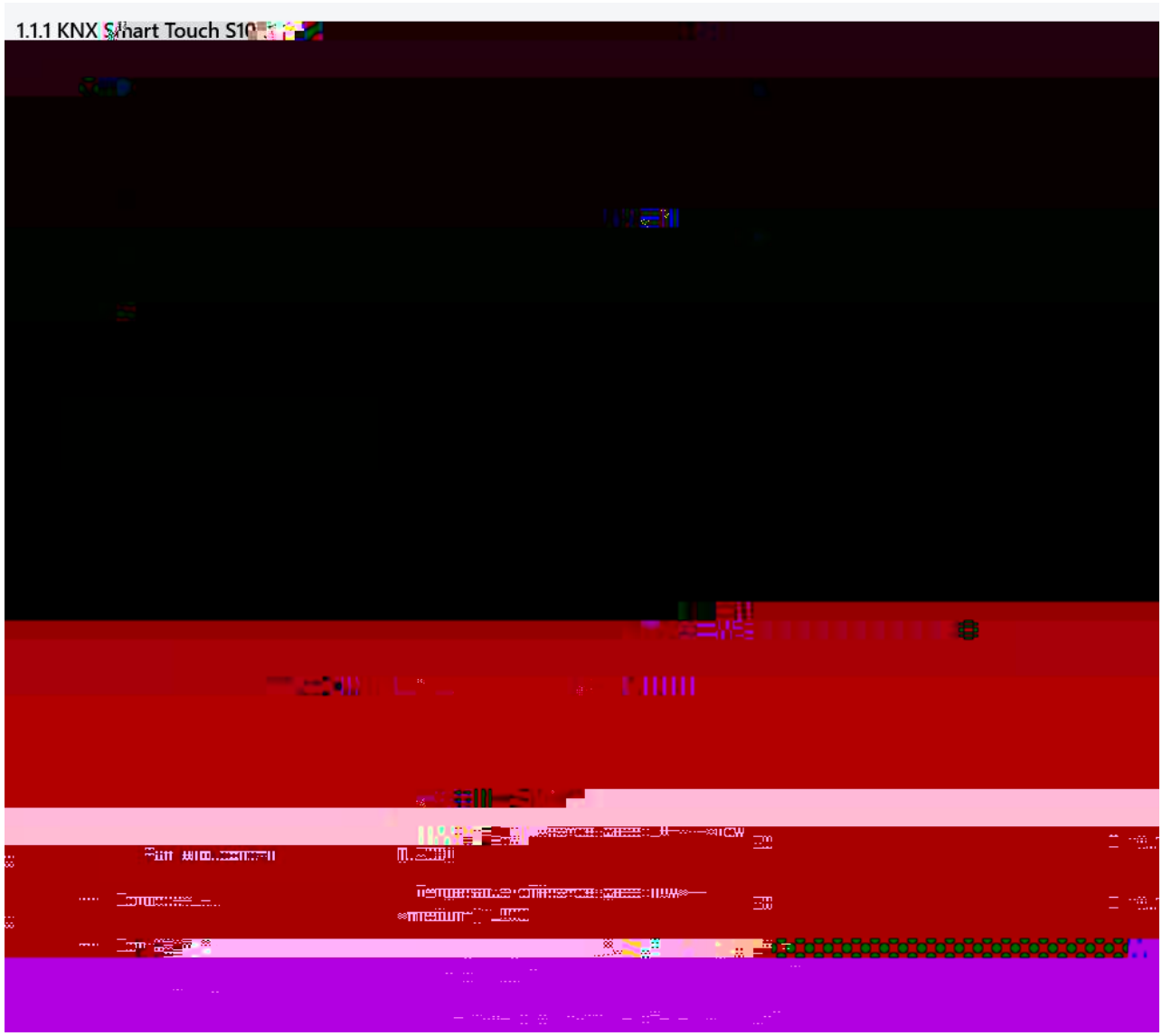

小滞后
大滞后
低滞后值
时间
控制值
On
Off
时间

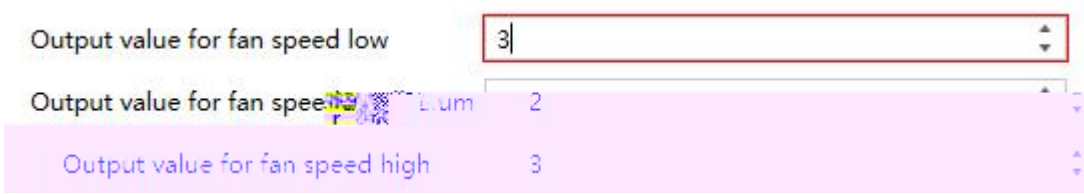


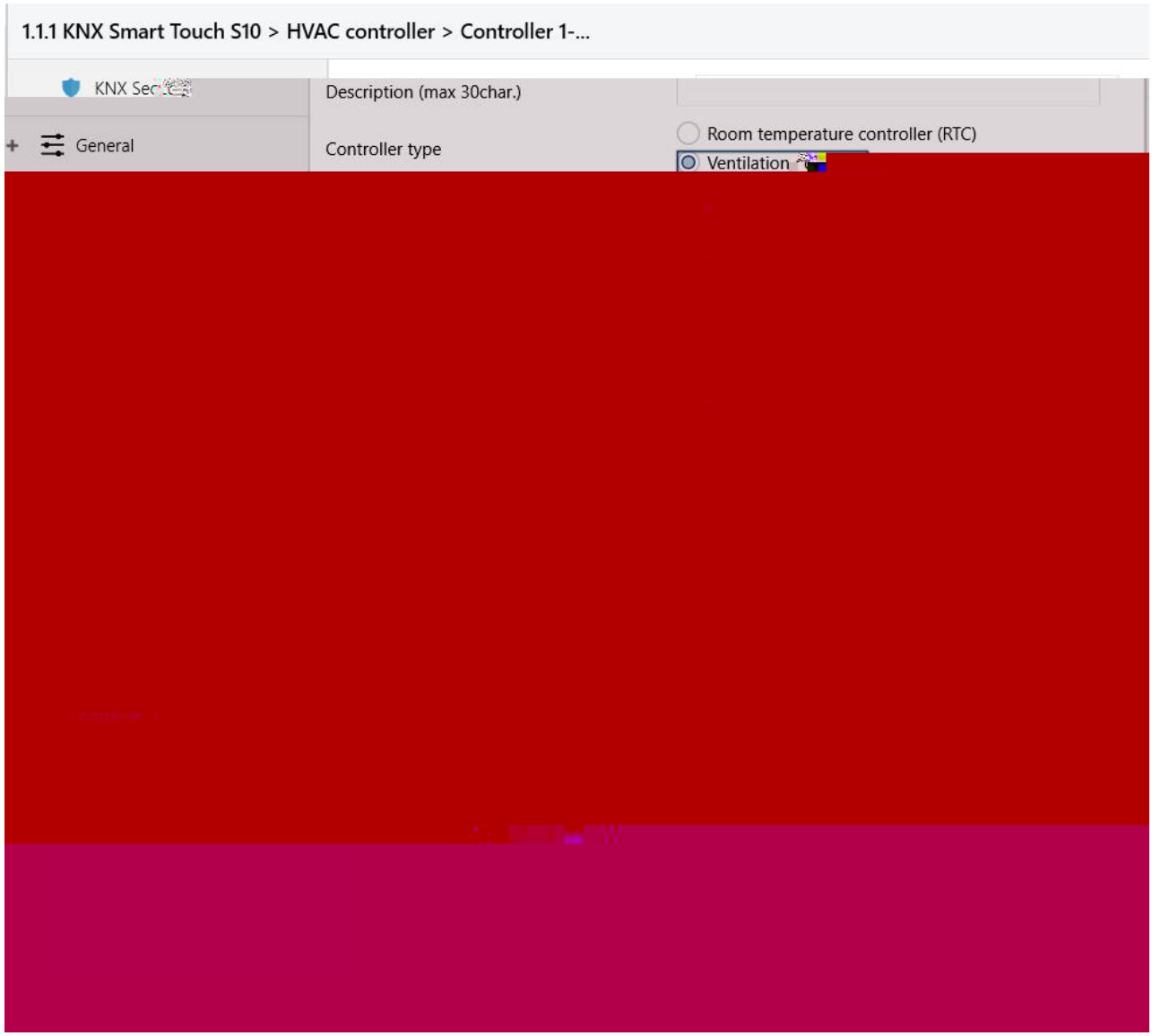

y
Y=K*(X1-X2)+X1*K*(t/TN)+Y1
2K*X1
K*X1
TN
t

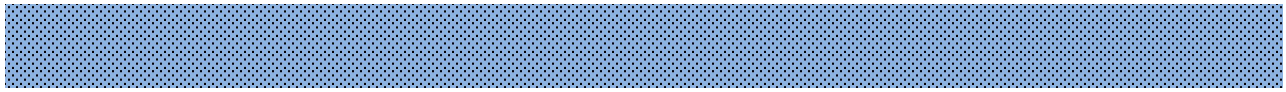

Temperature difference to switch on additional heating [-100..-5]
-9
*0.1K
Hysteresis to switch off additional heating [-20..-1]
-10
*0.1K

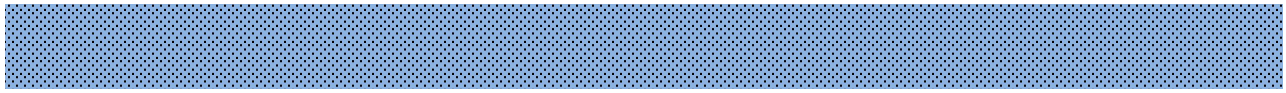

Temperature difference to switch on additional cooling
19
Hysteresis to switch off additional cooling [1..20]
20

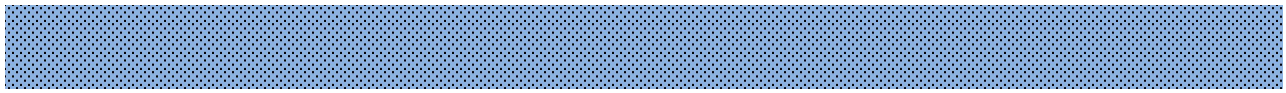

1.1.1 KNX Smart Touch S10
+ Controller 4-...
Minimum time in fan speed [0..65535]
60
s

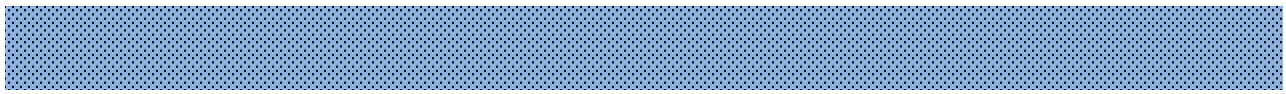

Output value for fan speed low
3
Output value for fan speed
2
Output value for fan speed high
3

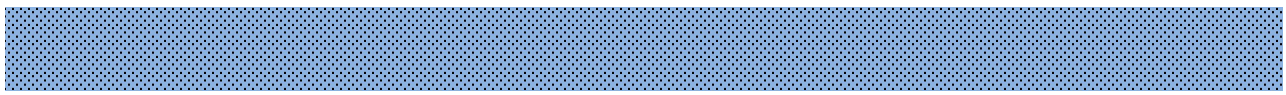

1.1.1 KNX Smart Touch S10 > HVAC controller > Controller 1-...
KNX Sec
General
Description (max 30char.)
Controller type
Room temperature controller (RTC)
Ventilation

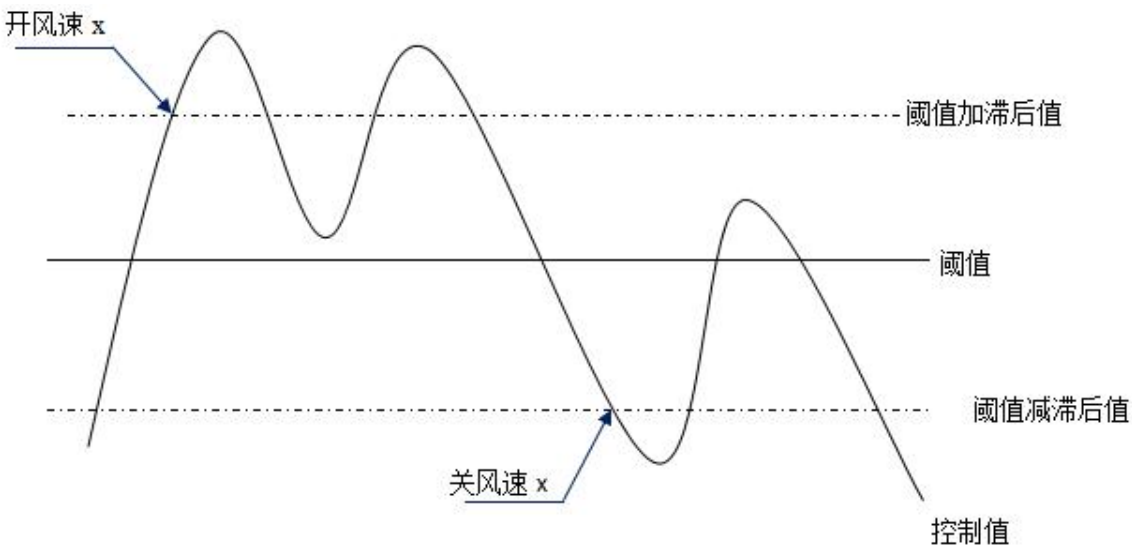


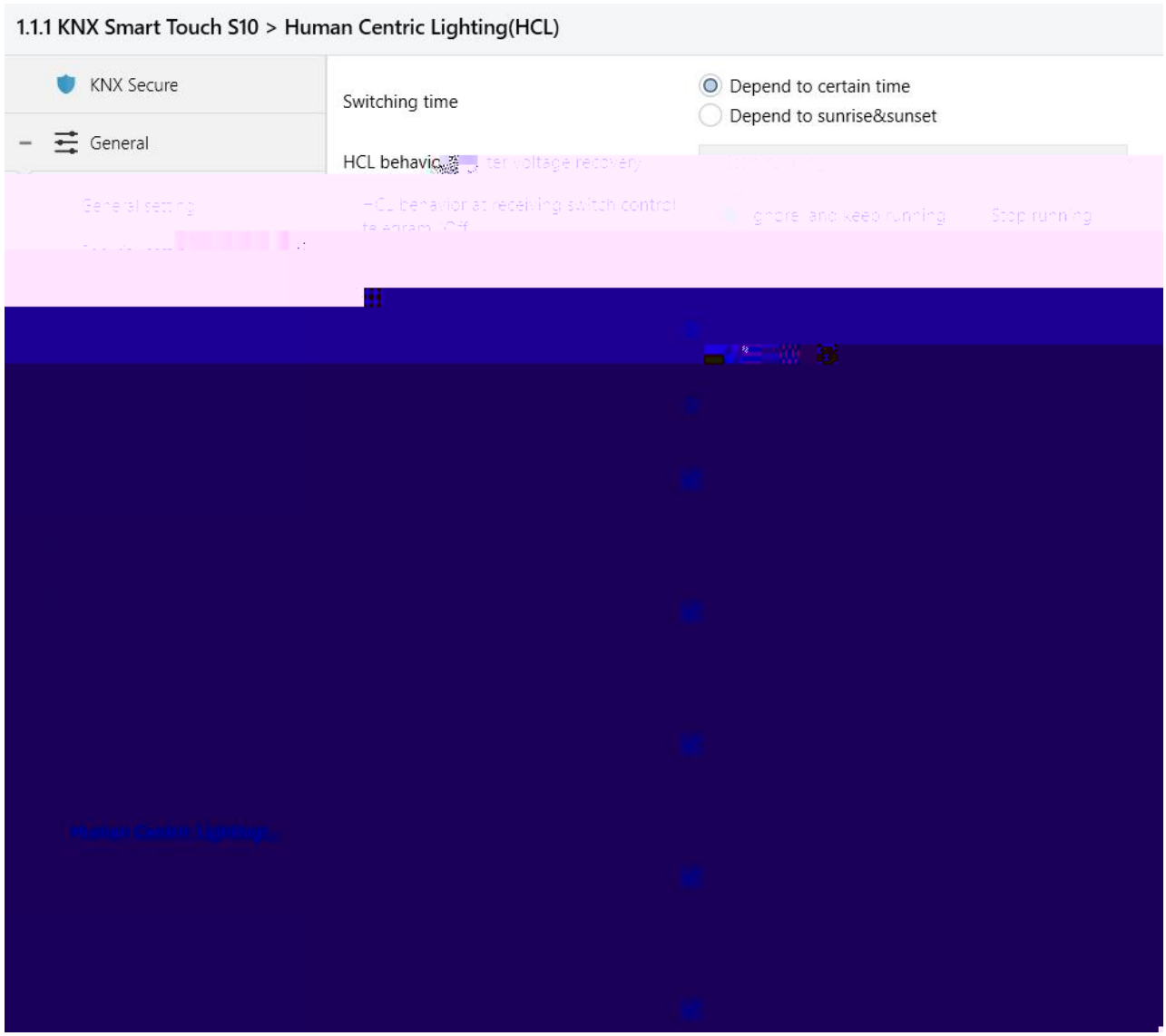






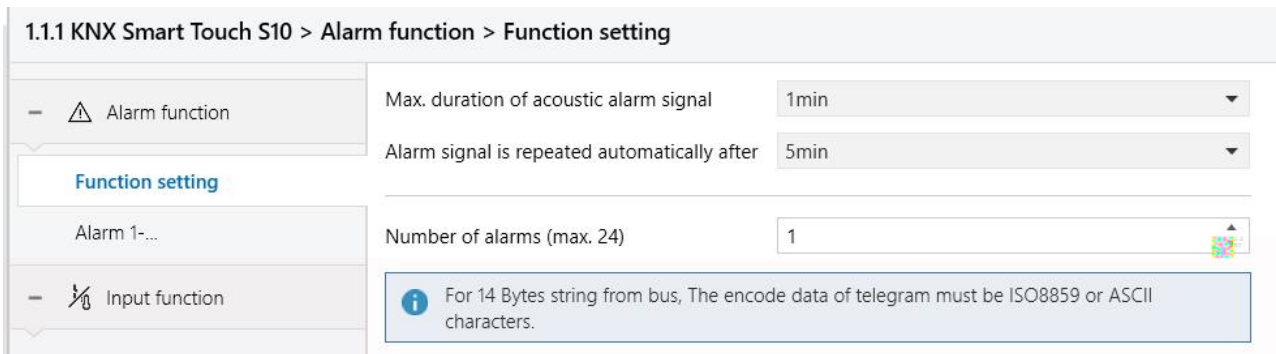


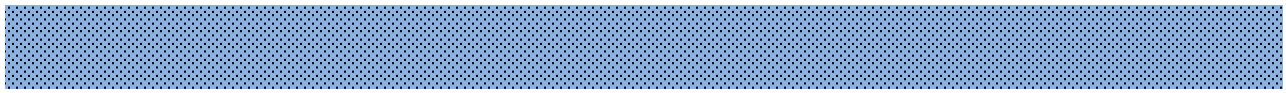

开风速 x
阈值加滞后值
阈值
阈值减滞后值
关风速 x
控制值

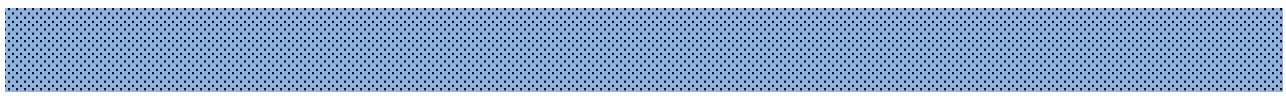

1.1.1 KNX Smart Touch S10 > Human Centric Lighting(HCL)
KNX Secure
General
Switching time
Depend to certain time
Depend to sunrise&sunset
HCL behavio
ter voltage recovery
General setting
HCL behavior at receiving switch control
ignore and keep running
Stop running
Human Centric Lighting

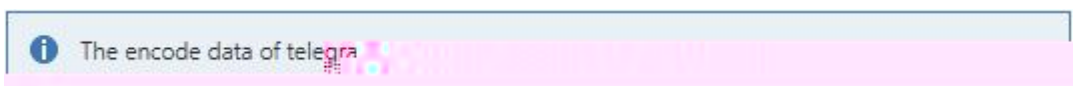
1.1.1 KNX Smart Touch S10 > Human Centric Lighting(HCL)
KNX Secure
General
General setting
Security setting
Night mode setting
Switching time
Depend to certain time
Depend to sunrise&sunset
HCL behavior after voltage recovery
Stop running
HCL behavior at receiving switch control telegram "Off"
Ignore, and keep running
Stop running
telegram from bus
Ignore, and keep running
Normal

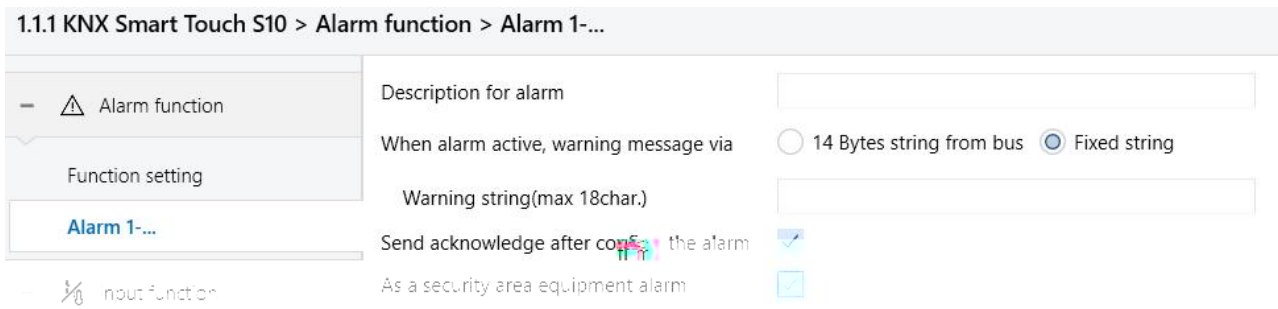
1.1.1 KNX Smart To
Function setting

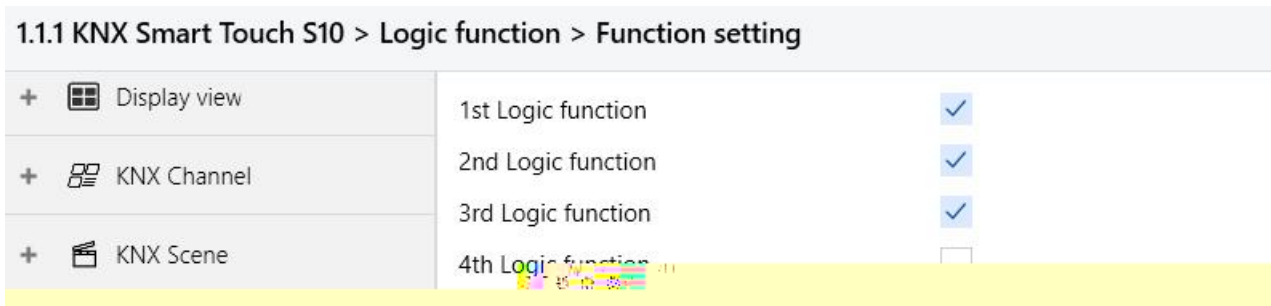

1.1.1 KNX Smart Touch S10 > Alarm function > Function setting
Alarm function
Function setting
Alarm 1-...
Input function
Max. duration of acoustic alarm signal
1min
Alarm signal is repeated automatically after
5min
Number of alarms (max. 24)
1
For 14 Bytes string from bus, The encode data of telegram must be ISO8859 or ASCII characters.

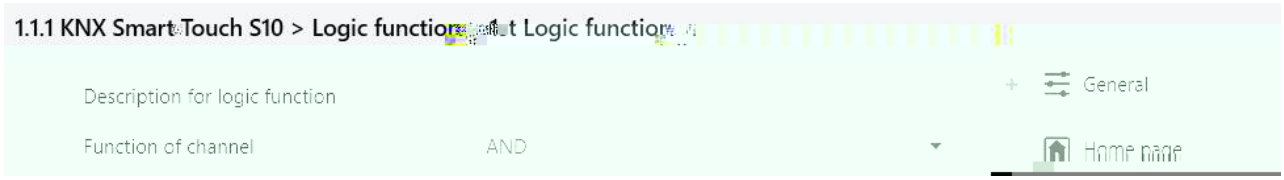


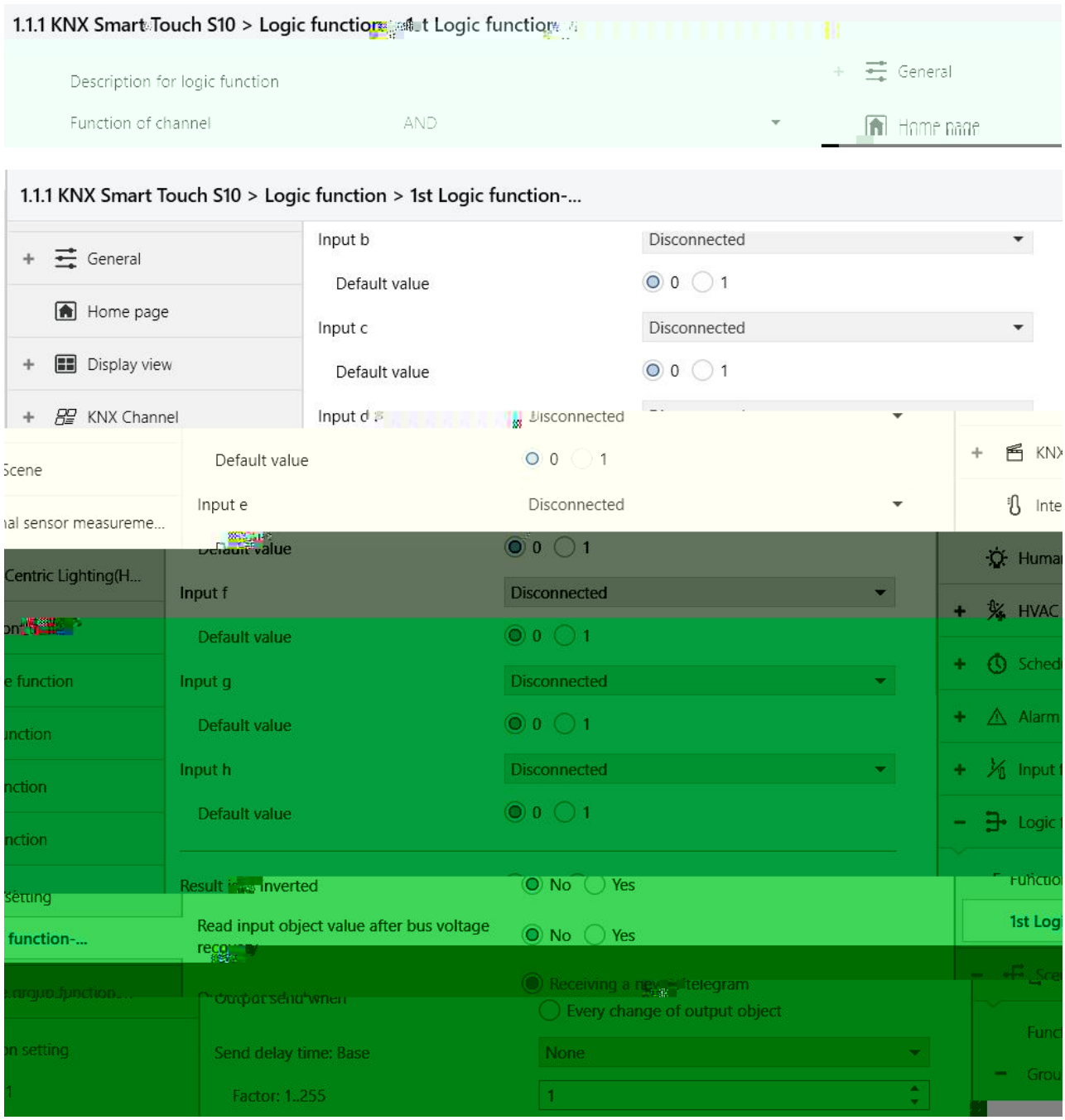


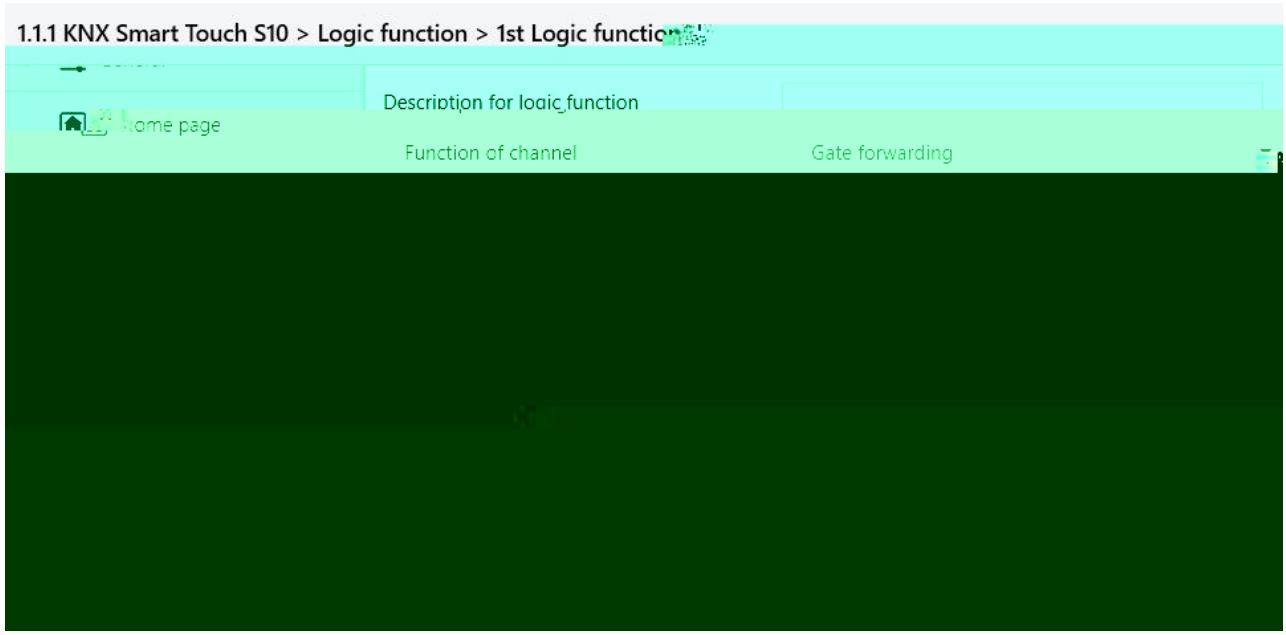

The encode data of telegra

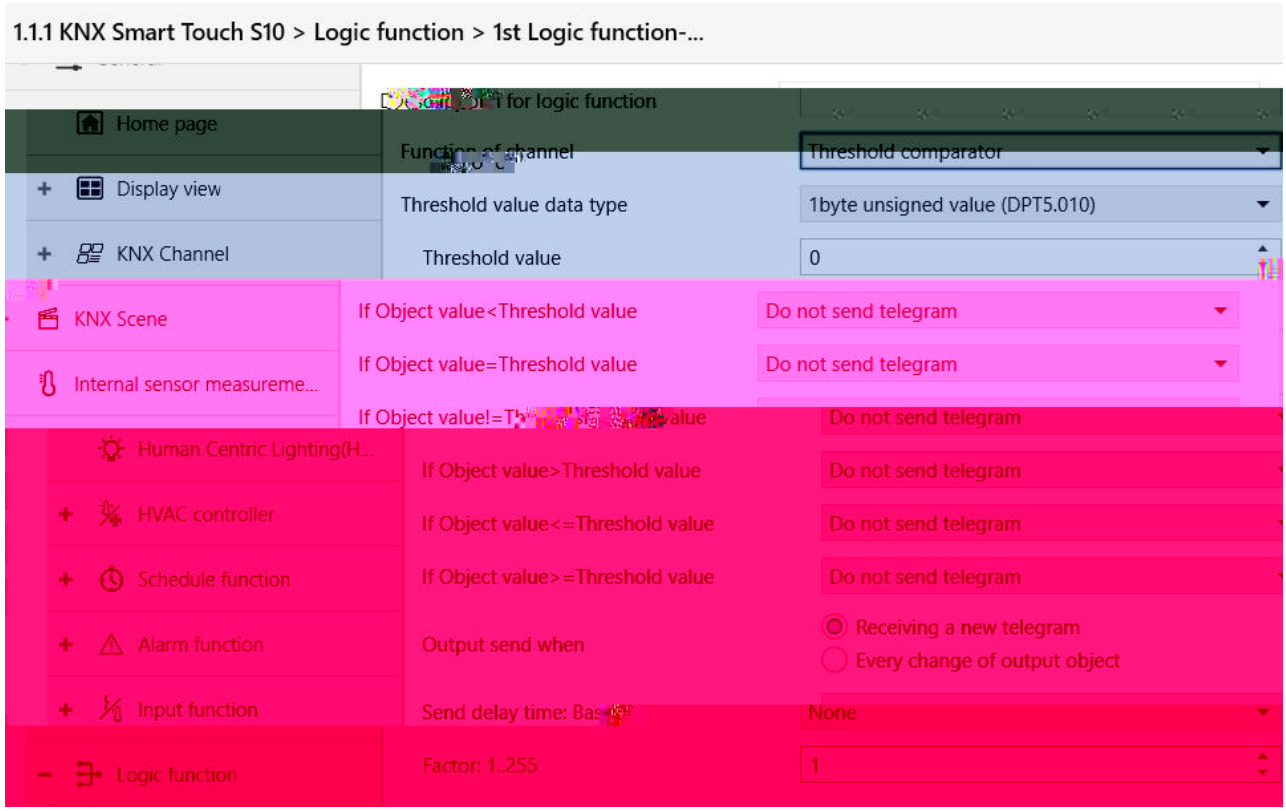

1.1.1 KNX Smart Touch S10 > Alarm function > Alarm 1-...
Alarm function
Function setting
Alarm 1-...
Description for alarm
When alarm active, warning message via
14 Bytes string from bus
Fixed string
Warning string(max 18char.)
Send acknowledge after
the alarm
As a security area equipment alarm


1.1.1 KNX Smart Touch S10 > Logic function > Function setting
Display view
KNX Channel
KNX Scene
1st Logic function
2nd Logic function
3rd Logic function
4th Logic function

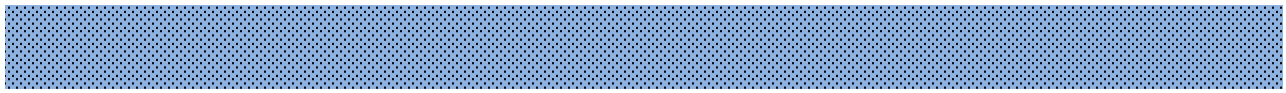

1.1.1 KNX SmartTouch S10 > Logic functions
Logic function
Description for logic function
General
Function of channel
AND
Home page

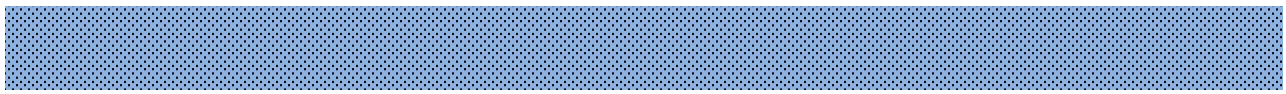

1.1.1 KNX Smart Touch S10 > Logic function > 1st Logic function
Description for logic function
Function of channel
AND
General
Home page
1.1.1 KNX Smart Touch S10 > Logic function > 1st Logic function-...
General
Home page
Display view
KNX Channel
Input b
Disconnected
Default value
0
1
Input c
Disconnected
Default value
0
1
Input d
Disconnected
Default value
0
1
Input e
Disconnected
Default value
0
1
Input f
Disconnected
Default value
0
1
Input g
Disconnected
Default value
0
1
Input h
Disconnected
Default value
0
1
Result is inverted
No
Yes
Read input object value after bus voltage recovery
No
Yes
Output send when
Receiving a new telegram
Every change of output object
Send delay time: Base
None
Factor: 1..255
1

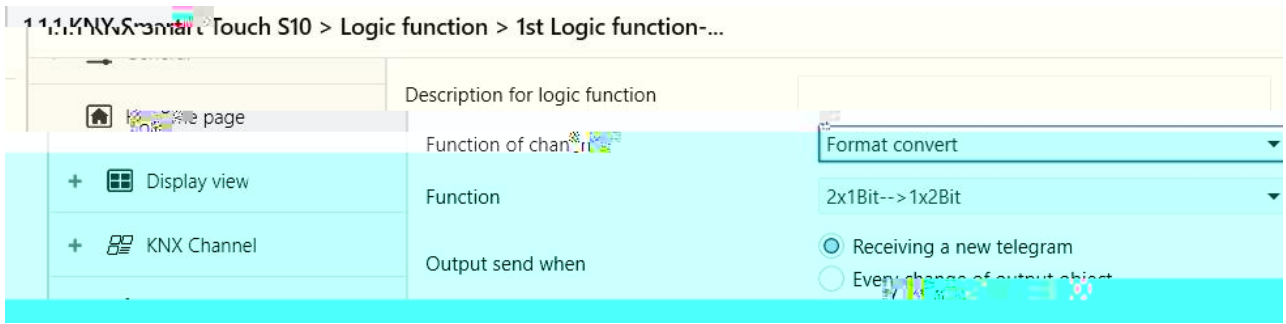

1.1.1 KNX Smart Touch S10 > Logic function > 1st Logic functio
Description for logic function
Function of channel
Gate forwarding

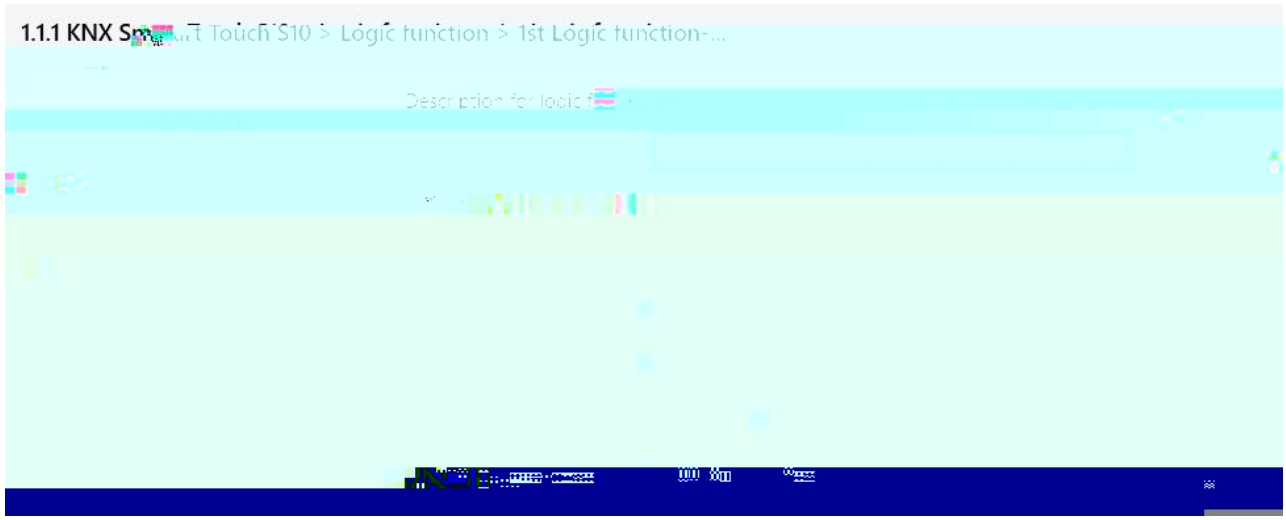

1.1.1 KNX Smart Touch S10 > Logic function > 1st Logic function-...
Home page
Display view
KNX Channel
KNX Scene
Internal sensor measureme...
Human Centric Lighting(H...
HVAC controller
Schedule function
Alarm function
Input function
Logic function
for logic function
Function of channel
Threshold comparator
Threshold value data type
1byte unsigned value (DPT5.010)
Threshold value
0
If Object value<Threshold value
Do not send telegram
If Object value=Threshold value
Do not send telegram
If Object value>Threshold value
Do not send telegram
If Object value<=Threshold value
Do not send telegram
If Object value>=Threshold value
Do not send telegram
Output send when
Receiving a new telegram
Every change of output object
None
Factor: 1..255
1

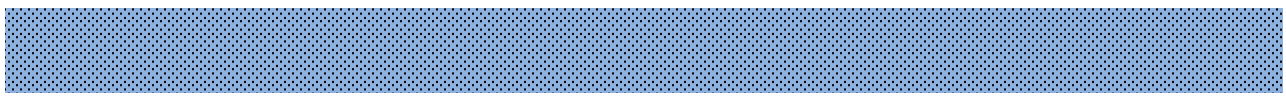
ŒQ>.ñ êìQ VpRU—G•”1 6TyÐ (•W ee
$ÐQ> Ý P 4t"‡p •
7KUHVK

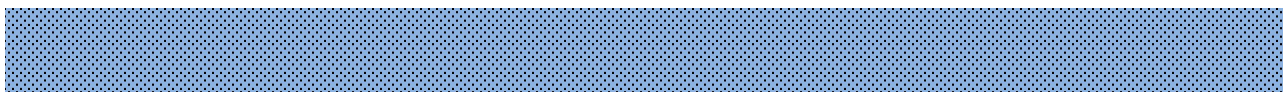


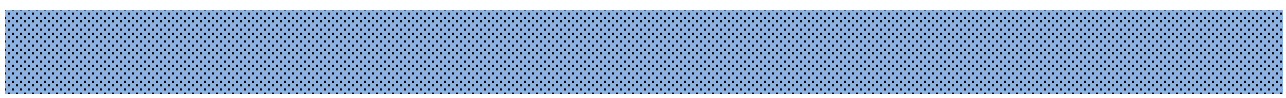


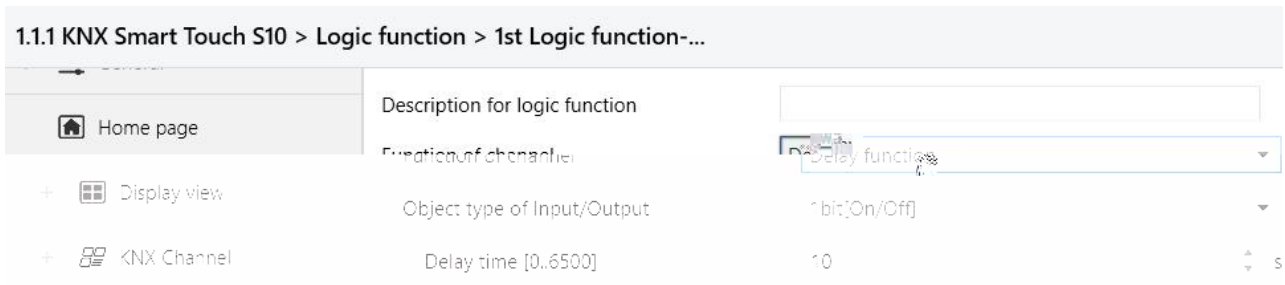

Touch S10 > Logic function > 1st Logic function-...
Description for logic function
page
Function of chan
Format convert
Display view
Function
2x1Bit-->1x2Bit
KNX Channel
Output send when
Receiving a new telegram

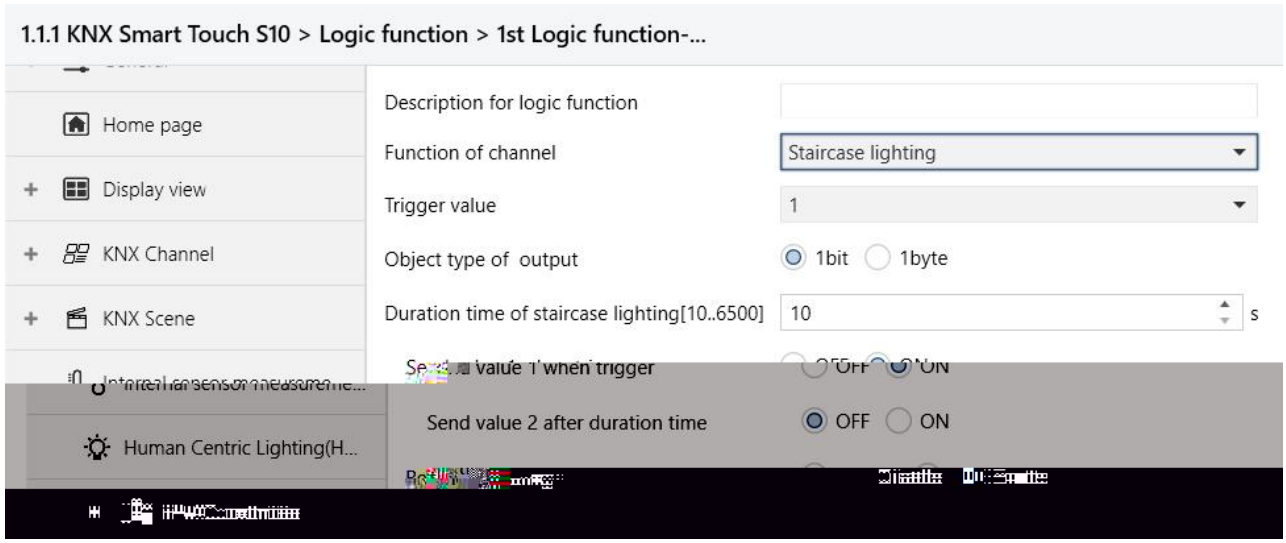

1.1.1 KNX S...rt Touch S10 > Logic function > 1st Logic function-...

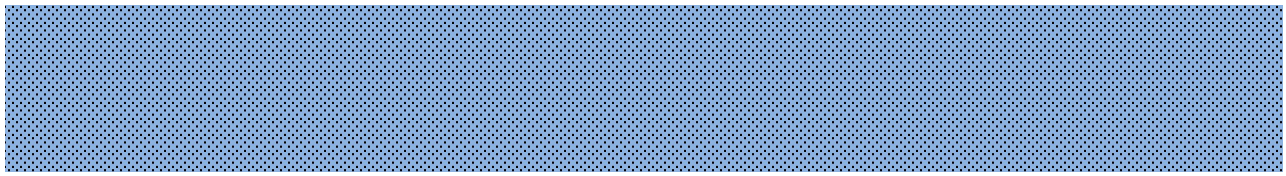


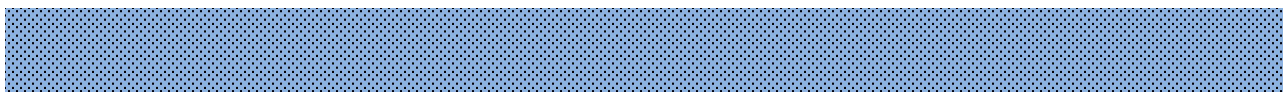


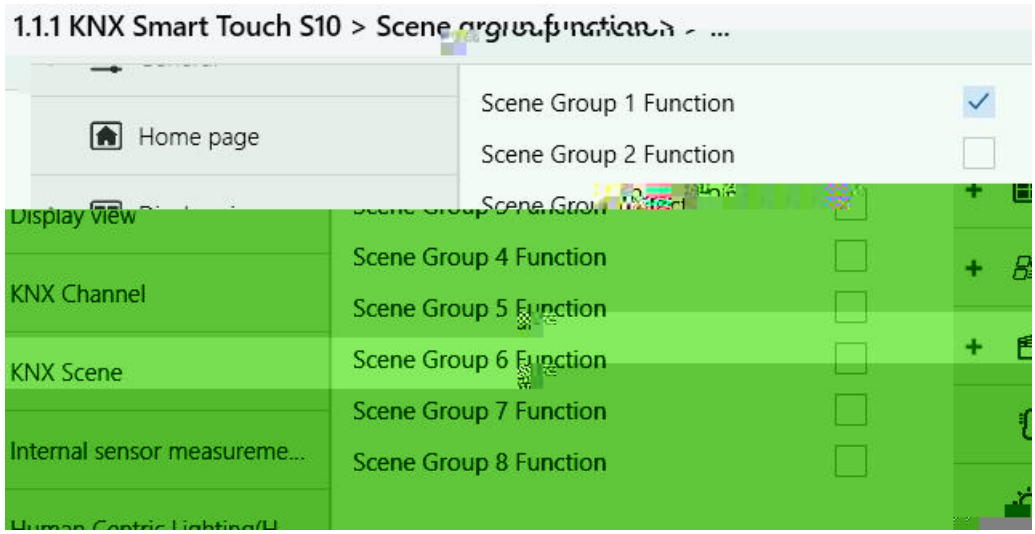


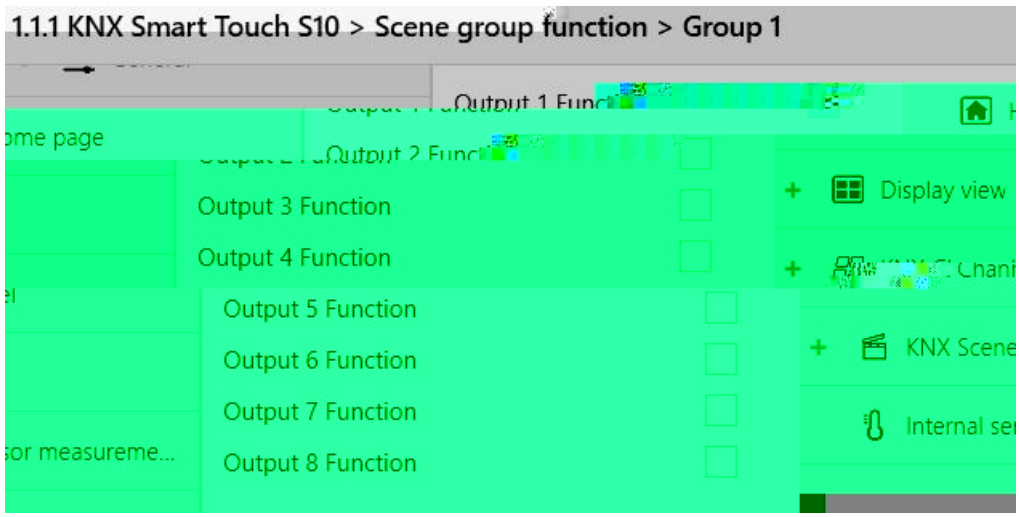

1.1.1 KNX Smart Touch S10 > Logic function > 1st Logic function-...
Home page
Display view
KNX Channel
Description for logic function
Object type of Input/Output
Delay time [0..6500]
10
s

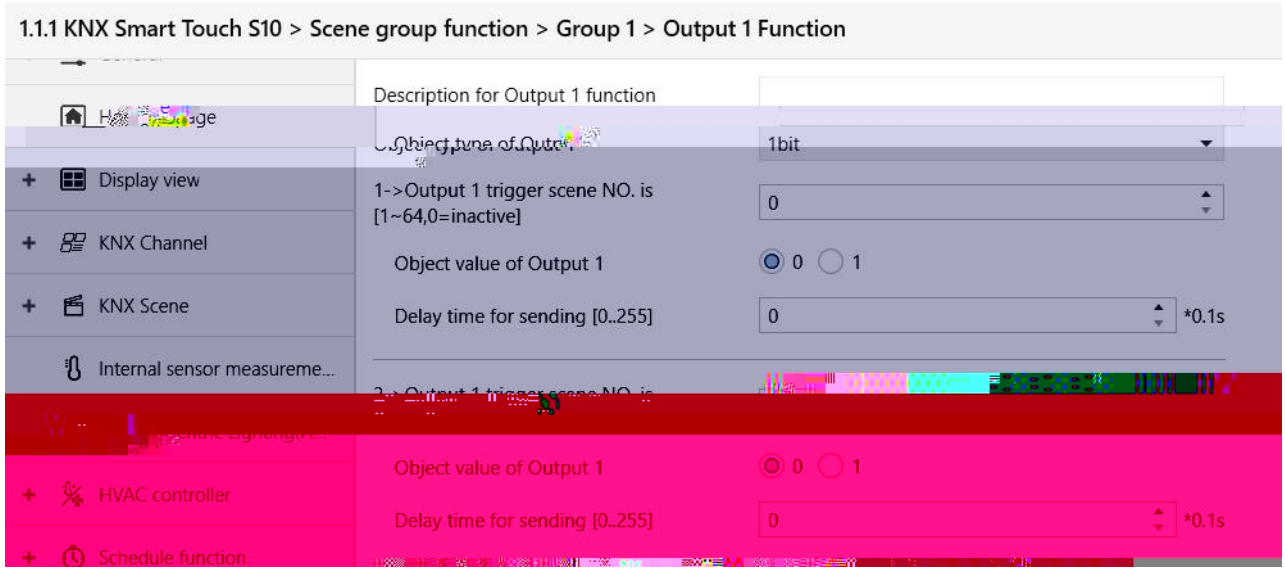

1.1.1 KNX Smart Touch S10 > Logic function > 1st Logic function-...
Home page
Display view
KNX Channel
KNX Scene
Human Centric Lighting(H...
Description for logic function
Function of channel
Staircase lighting
Trigger value
1
Object type of output
1bit
1byte
Duration time of staircase lighting[10..6500]
10
s
Send value 1 when trigger
OFF
ON
Send value 2 after duration time
OFF
ON

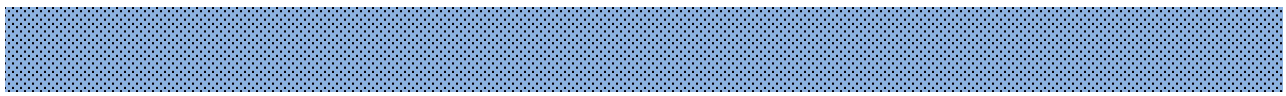


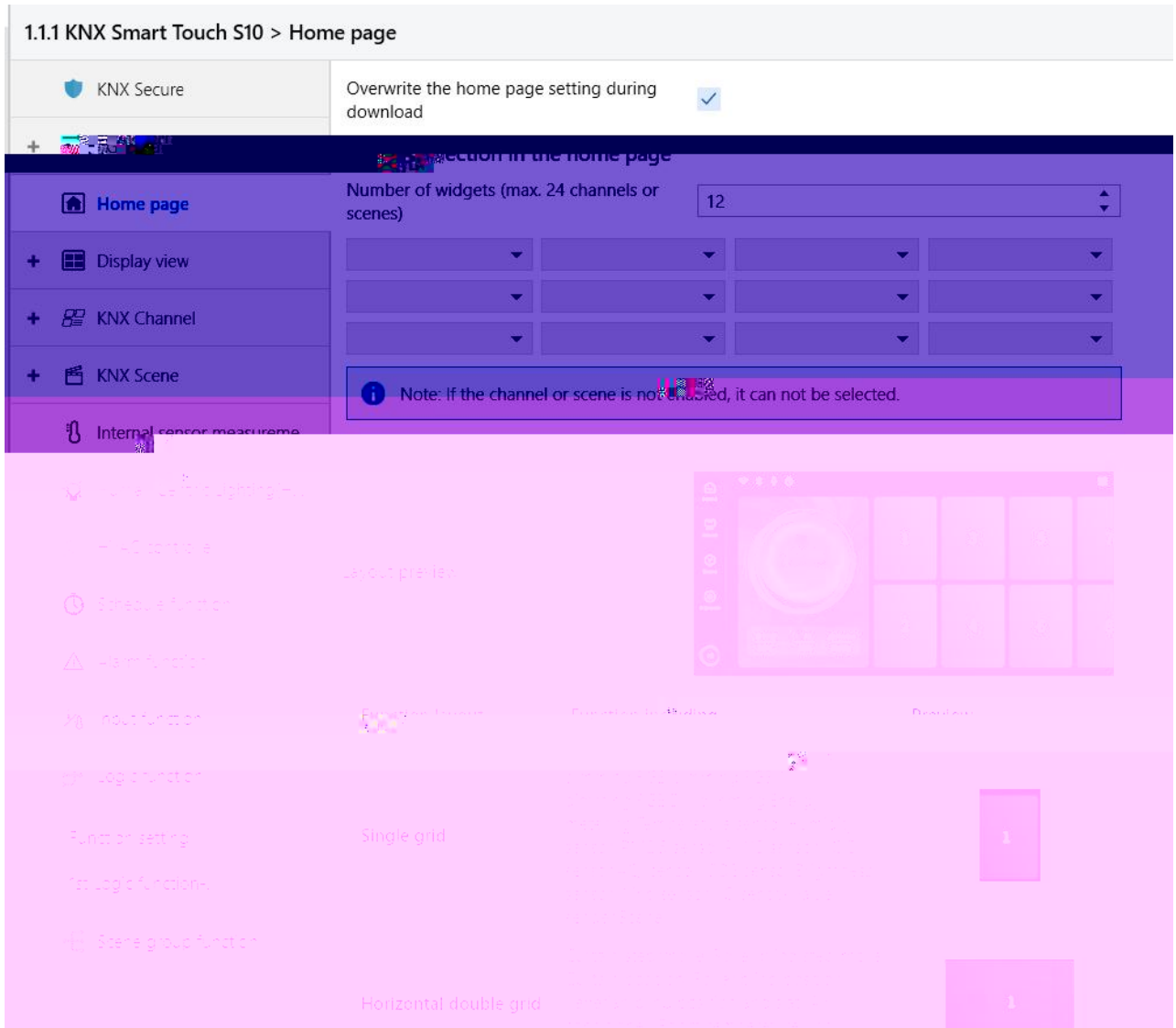



1.1.1 KNX Smart Touch S10 > Scene group function > ...
Home page
Scene Group 1 Function
Scene Group 2 Function
Scene Group 4 Function
Scene Group 5 Function
Scene Group 6 Function
Scene Group 7 Function
Scene Group 8 Function
KNX Channel
KNX Scene
Internal sensor measureme...

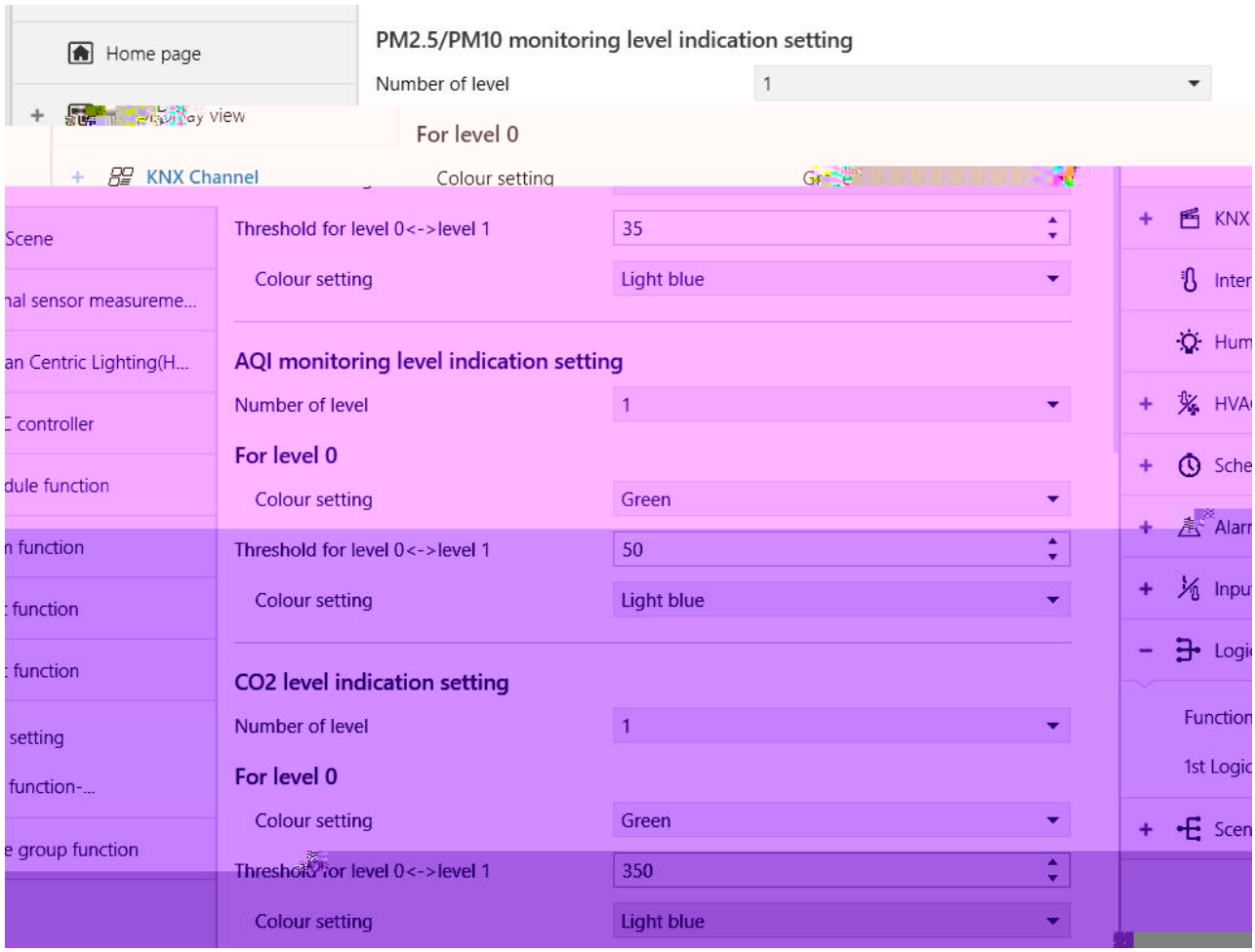

1.1.1 KNX Smart Touch S10 > Scene group function > Group 1
Output 3 Function
Output 4 Function
Output 5 Function
Output 6 Function
Output 7 Function
Output 8 Function
Display view
KNX Scene

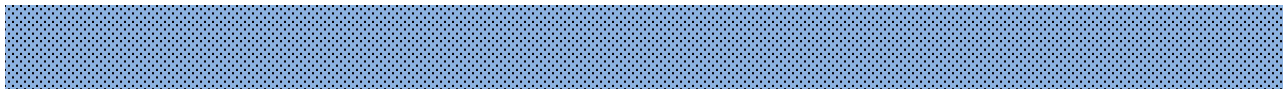

1.1.1 KNX Smart Touch S10 > Scene group function > Group 1 > Output 1 Function
Description for Output 1 function
1bit
1->Output 1 trigger scene NO. is [1~64,0=inactive]
0
Object value of Output 1
0
1
Delay time for sending [0..255]
0
*0.1s
Object value of Output 1
0
1
Delay time for sending [0..255]
0
*0.1s
Display view
KNX Channel
KNX Scene
Internal sensor measureme...
HVAC controller
Schedule function

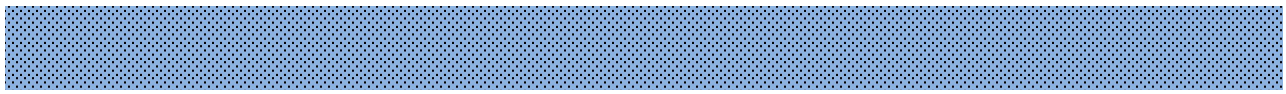


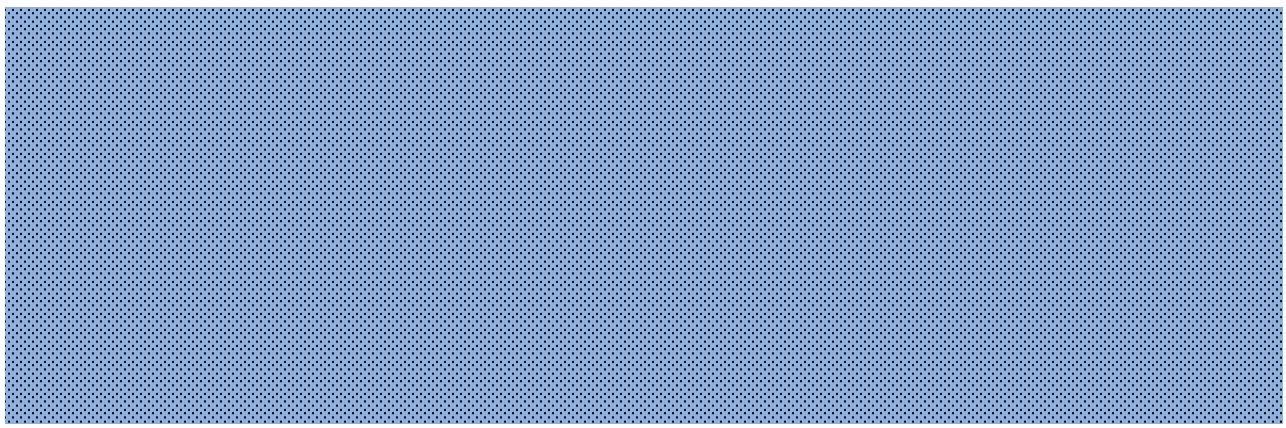

1.1.1 KNX Smart Touch S10 > Home page
KNX Secure
Overwrite the home page setting during download
Home page
Display view
KNX Channel
KNX Scene
Number of widgets (max. 24 channels or scenes)
12
Note: If the channel or scene is not checked, it can not be selected.
Single grid
Horizontal double grid

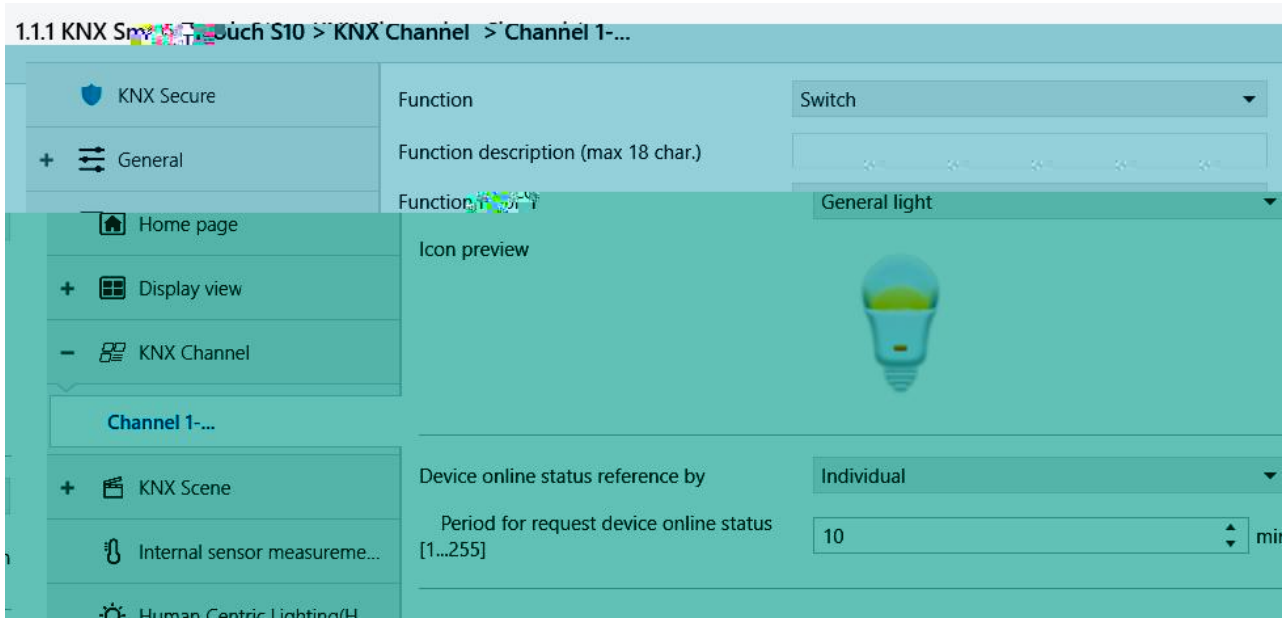
1.1.1 KNX Smart Touch S10 > KNX Channel
Display view
KNX Channel
KNX Scene
Internal sensor measureme...
Human Centric Lighting(H...
HVAC controller
Schedule function
restart
Time period request for common 1
[0..255,0=inactive]
Time period request for common 2
[0..255,0=inactive]
Time period request for common 3
[0..255,0=inactive]
Time period request for common 4
[0..255,0=inactive]
Time period request for common 5
[0..255,0=inactive]
Time period request for common 6
[0..255,0=inactive]
0
min

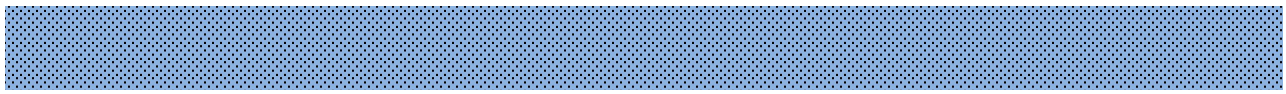

Home page
PM2.5/PM10 monitoring level indication setting
Number of level
1
For level 0
KNX Channel
Colour setting
Scene
Threshold for level 0<->level 1
35
Colour setting
Light blue
AQI monitoring level indication setting
Number of level
1
For level 0
Colour setting
Green
Threshold for level 0<->level 1
50
Colour setting
Light blue
CO2 level indication setting
Number of level
1
For level 0
Colour setting
Green
Threshold for level 0<->level 1
350
Colour setting
Light blue

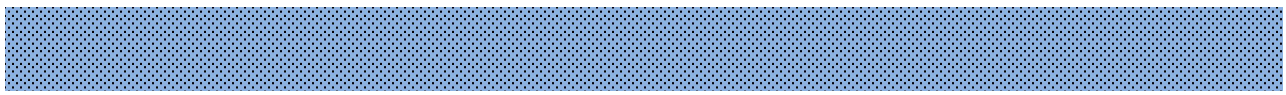


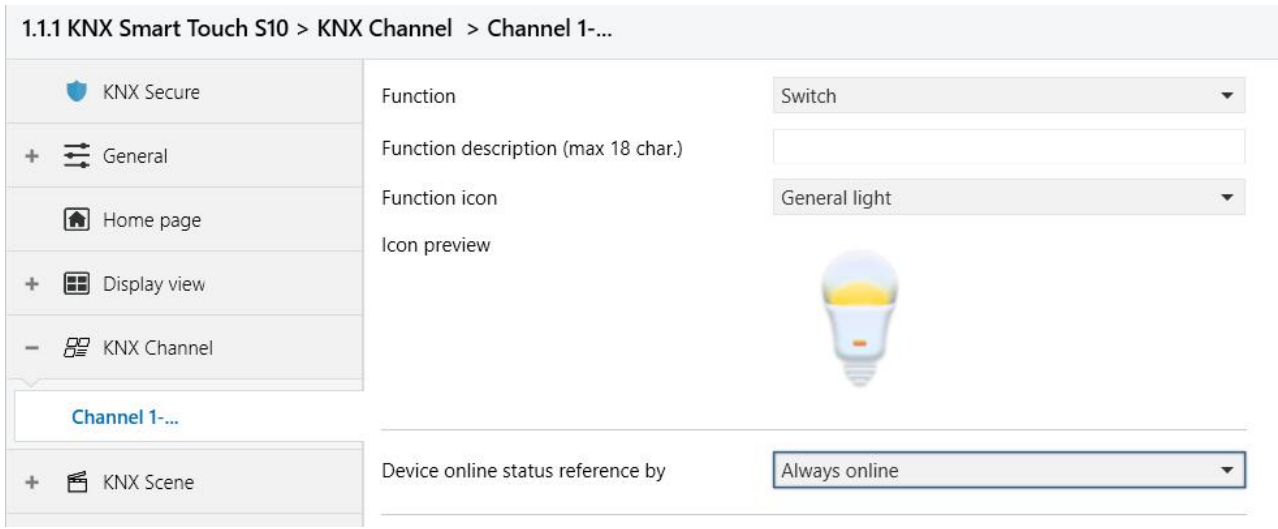


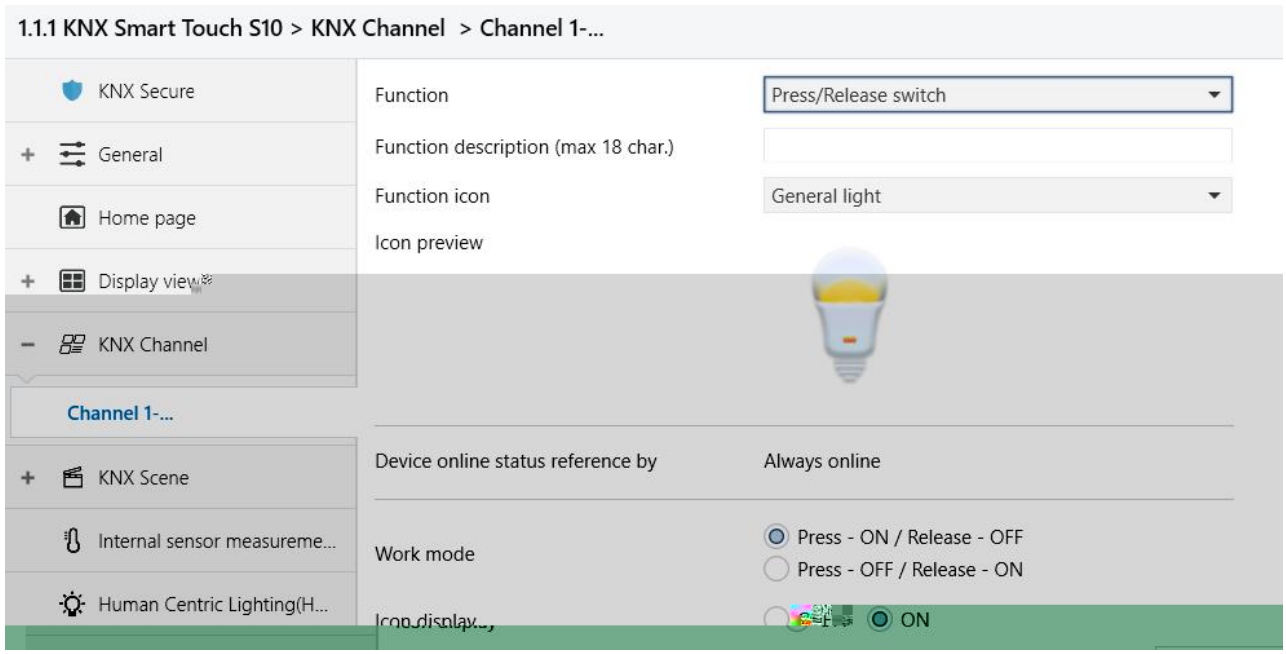


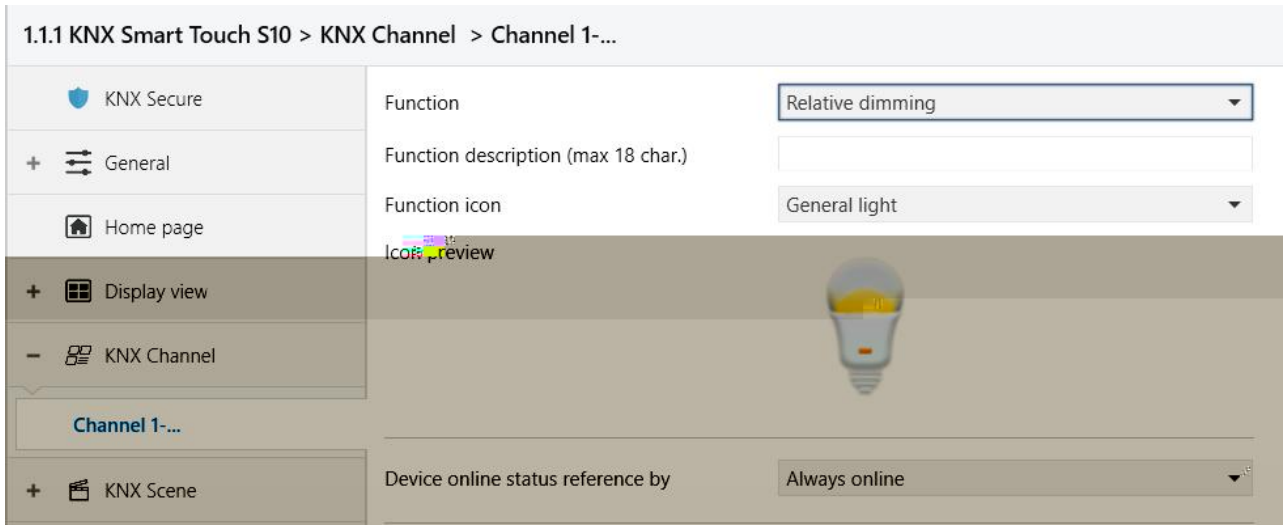

1.1.1 KNX S... Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal sensor measureme...
Function
Switch
Function description (max 18 char.)
Function
General light
Icon preview
Device online status reference by
Individual
Period for request device online status [1...255]
10

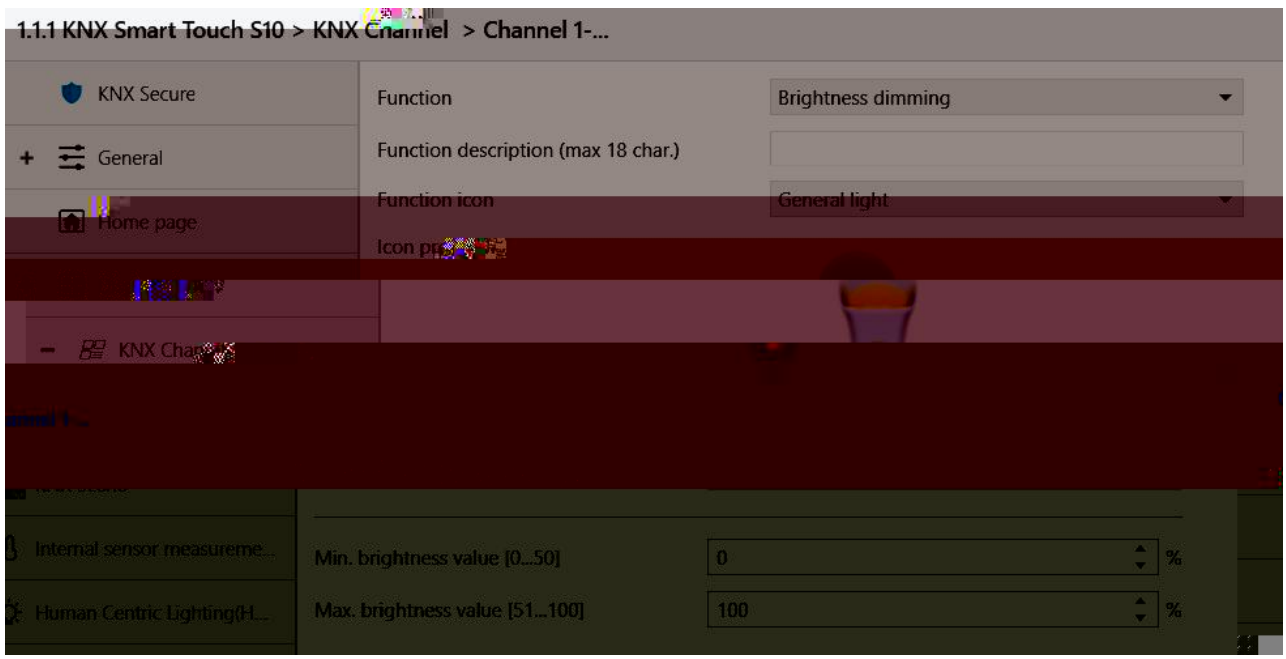


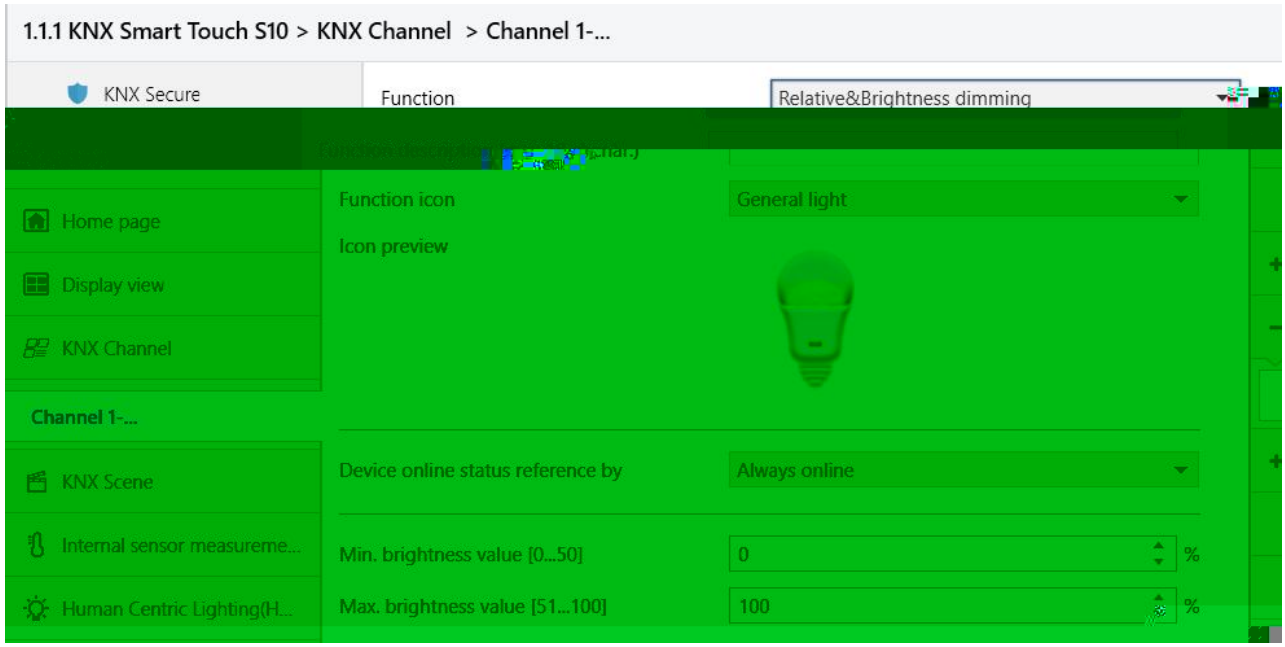


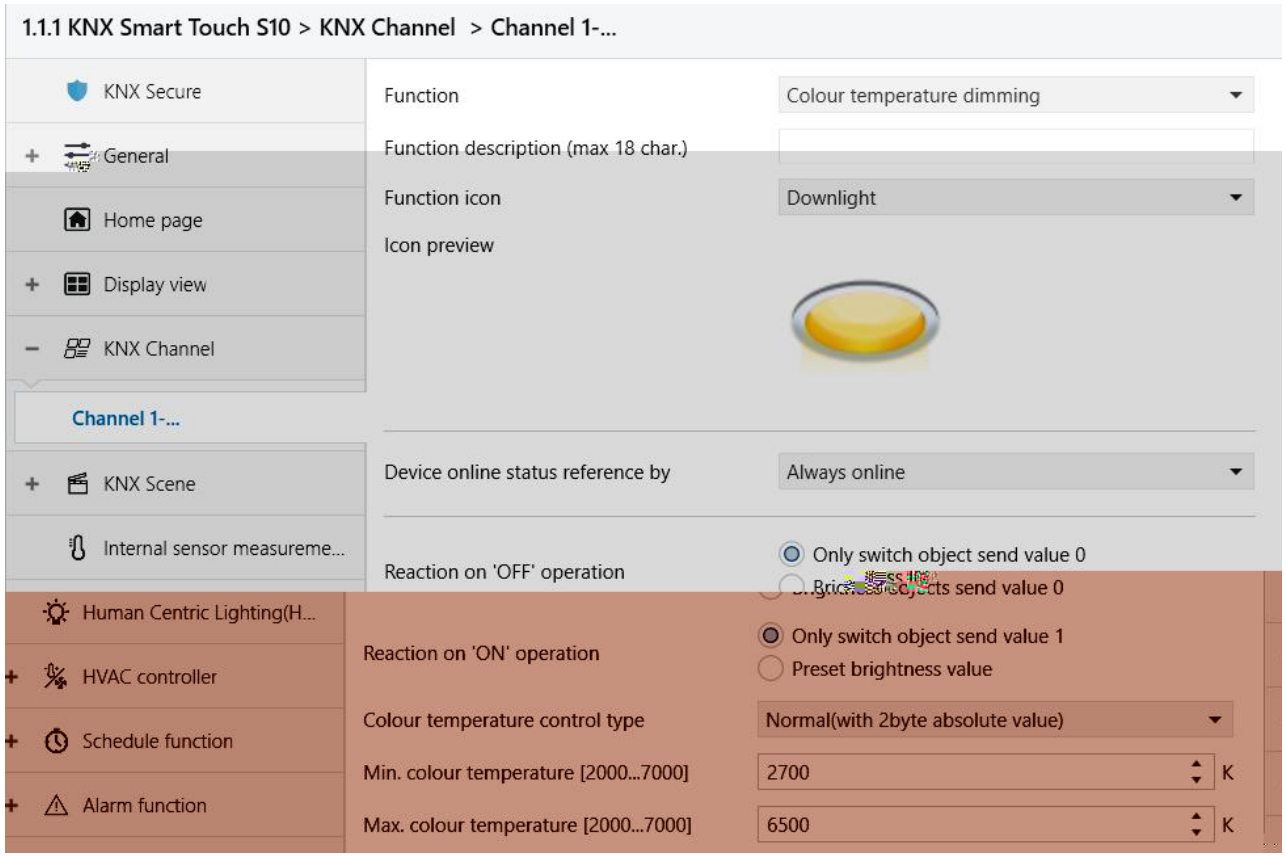

1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Function
Switch
Function description (max 18 char.)
Function icon
General light
Icon preview
Device online status reference by
Always online


1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal sensor measureme...
Human Centric Lighting(H...
Function
Press/Release switch
Function description (max 18 char.)
Function icon
General light
Icon preview
Device online status reference by
Always online
Work mode
Press - ON / Release - OFF
Press - OFF / Release - ON
ON


1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Function
Relative dimming
Function description (max 18 char.)
Function icon
General light
Icon preview
Device online status reference by
Always online

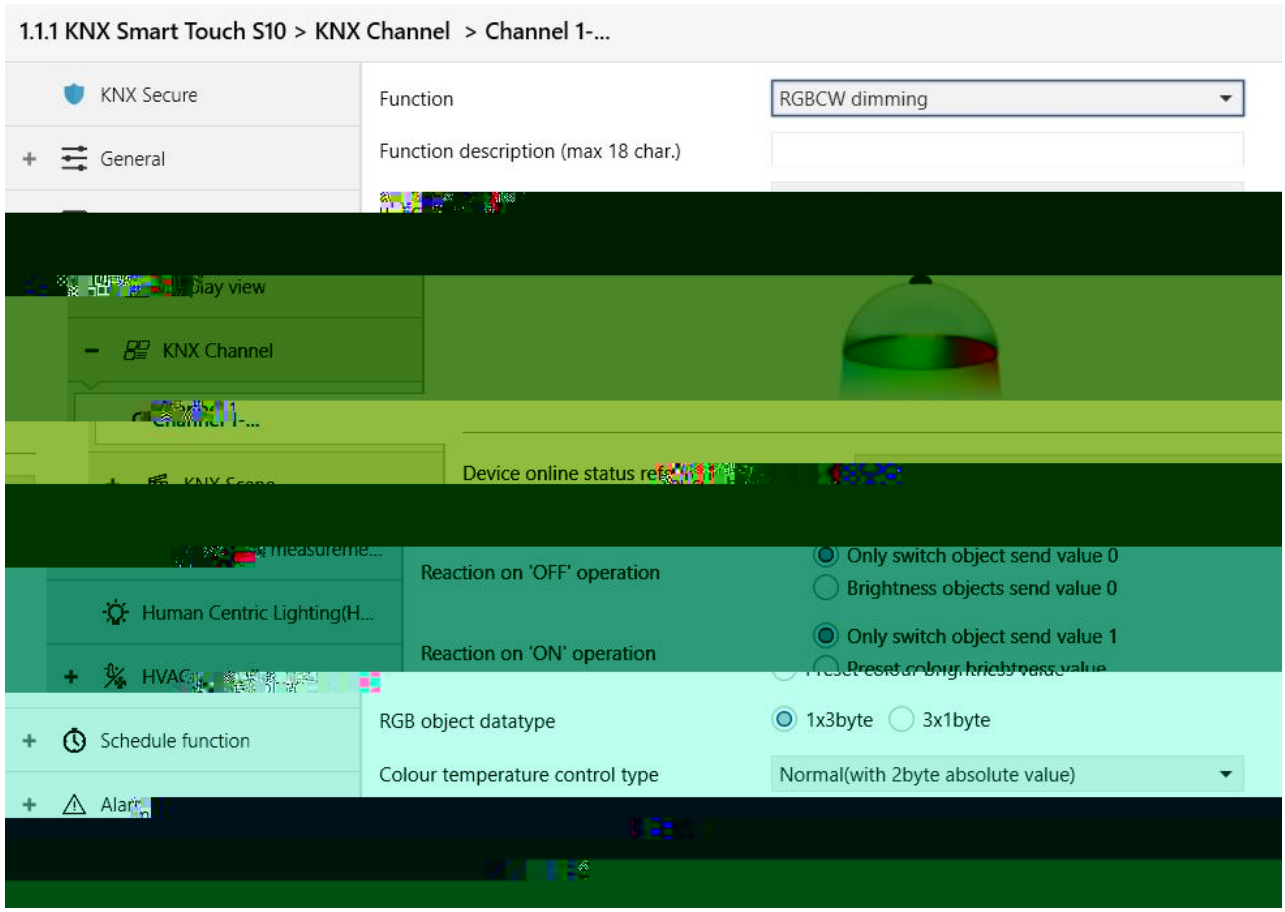

1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
Function
Brightness dimming
Function description (max 18 char.)
Function icon
General light
Min. brightness value [0...50]
0
%
Max. brightness value [51...100]
100
%

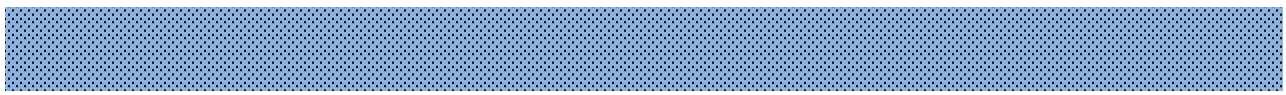

1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
Function
Relative&Brightness dimming
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal sensor measureme...
Human Centric Lighting(H...
Function icon
General light
Icon preview
Device online status reference by
Always online
Min. brightness value [0...50]
0
%
Max. brightness value [51...100]
100
%

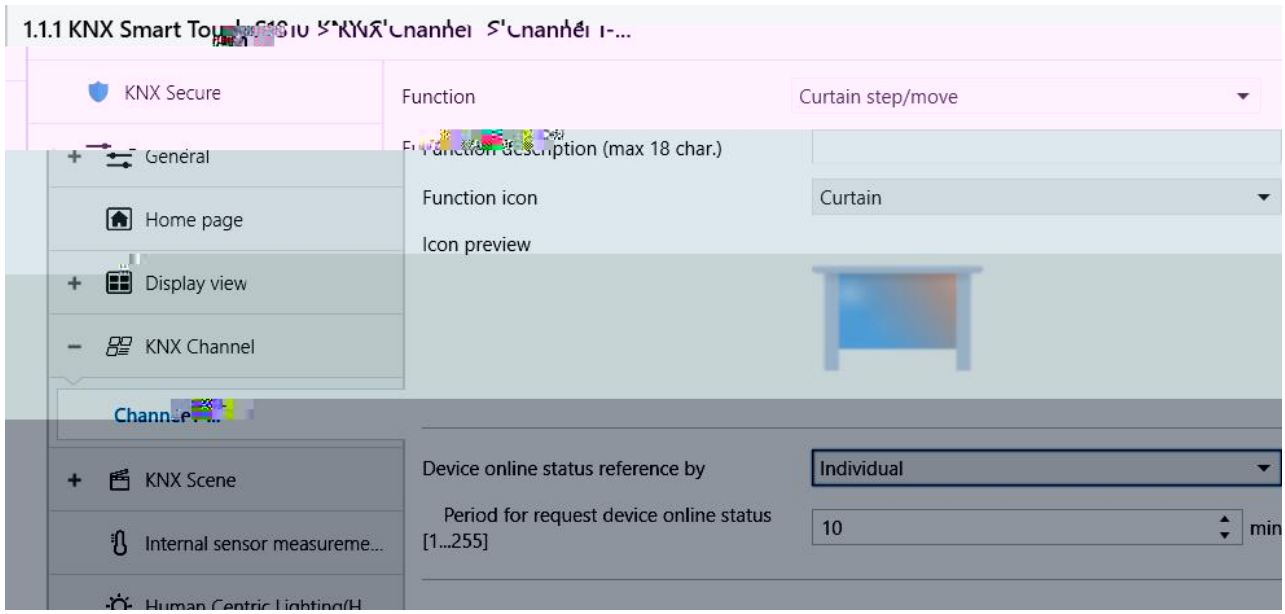

1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal sensor measureme...
Human Centric Lighting(H...
HVAC controller
Schedule function
Alarm function
Function
Colour temperature dimming
Function description (max 18 char.)
Function icon
Downlight
Icon preview
Device online status reference by
Always online
Reaction on 'OFF' operation
Only switch object send value 0
Reaction on 'ON' operation
Only switch object send value 1
Preset brightness value
Colour temperature control type
Normal(with 2byte absolute value)
Min. colour temperature [2000...7000]
2700
K
Max. colour temperature [2000...7000]
6500
K

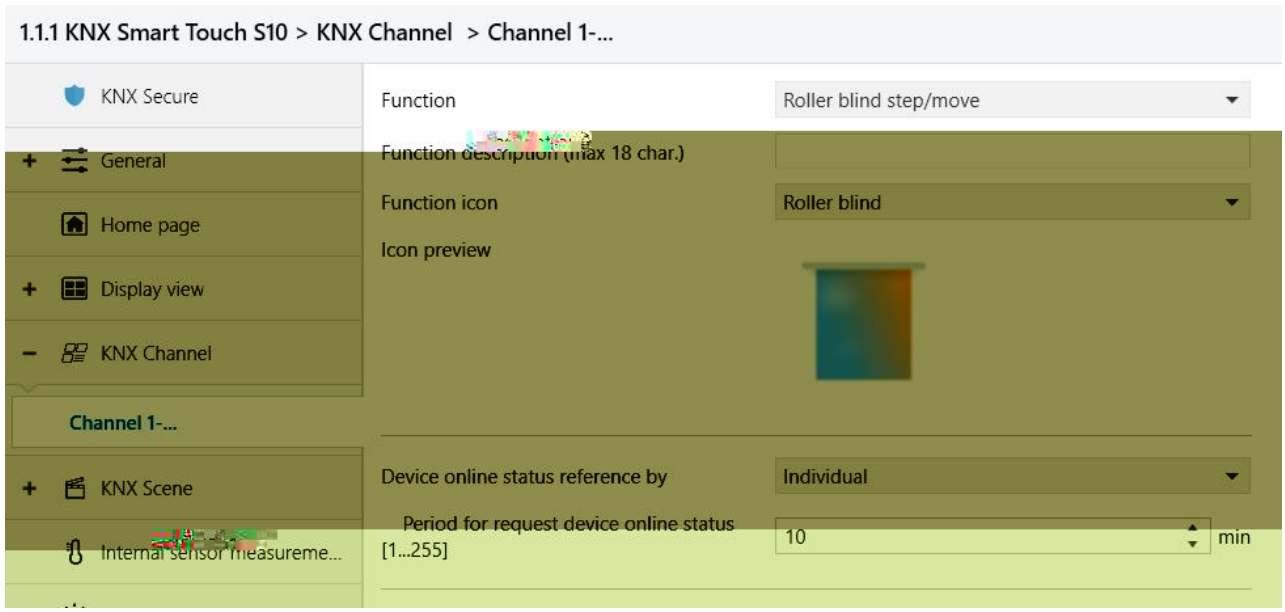
KNX Channel > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal sensor measureme...
Human Centric Lighting(H...
HVAC controller
Schedule function
Function
RGB dimming
Function description (max 18 char.)
Function icon
RGB light
Icon preview
Device online status reference by
Always online
Reaction on 'OFF' operation
Only switch object send value 0
Brightness objects send value 0
Reaction on 'ON' operation
Only switch object send value 1
Preset colour brightness value
Object datatype
1x3byte
3x1byte

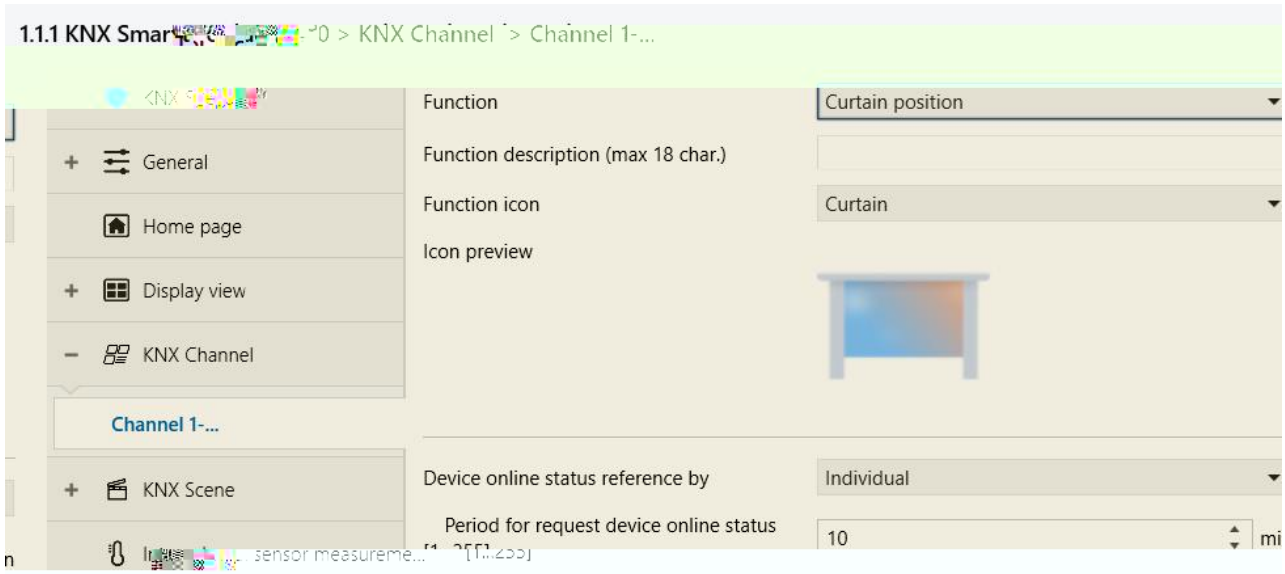
1.1.1 KNX Smart Touch S10 > KNX C > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Chann
Function
RGBW dimming
Function description (max 18 char.)
Function icon
RGB light
Icon preview
Reaction on 'OFF' operation
Only switch object send value 0
Brightness objects send value 0
Reaction on 'ON' operation
Only switch object send value 1
Preset colour brightness value
Object datatype
1x6byte
4x1byte

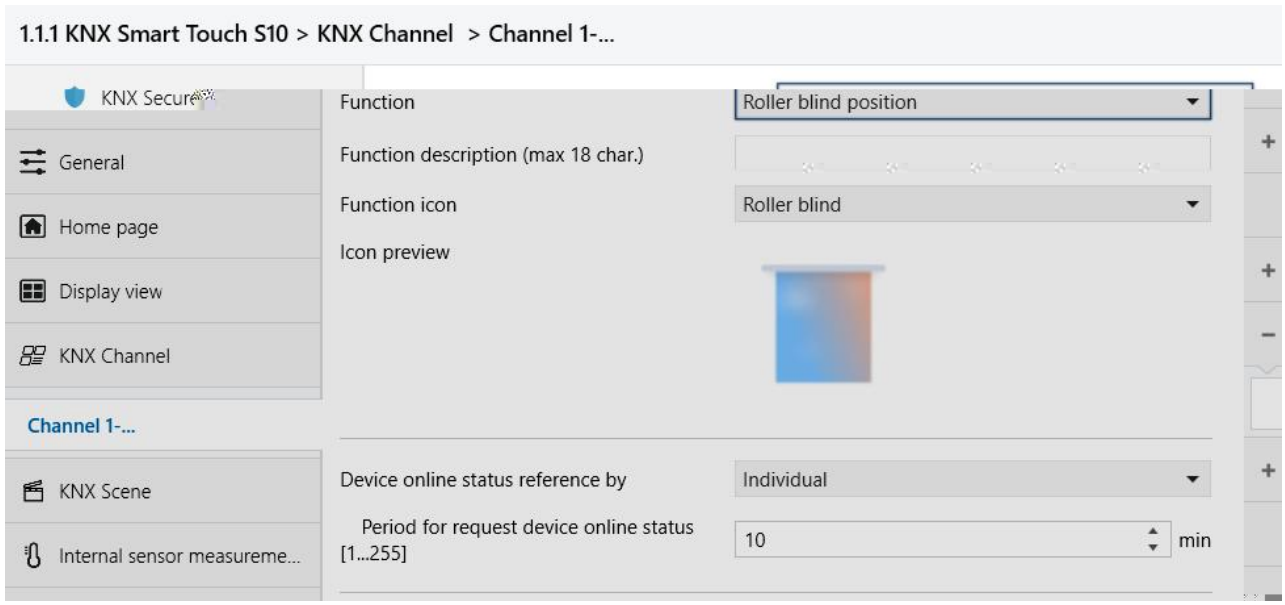

1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Function
RGBCW dimming
Function description (max 18 char.)
KNX Channel
Human Centric Lighting(H...
Schedule function
Reaction on 'OFF' operation
Only switch object send value 0
Brightness objects send value 0
Reaction on 'ON' operation
Only switch object send value 1
RGB object datatype
1x3byte
3x1byte
Colour temperature control type
Normal(with 2byte absolute value)

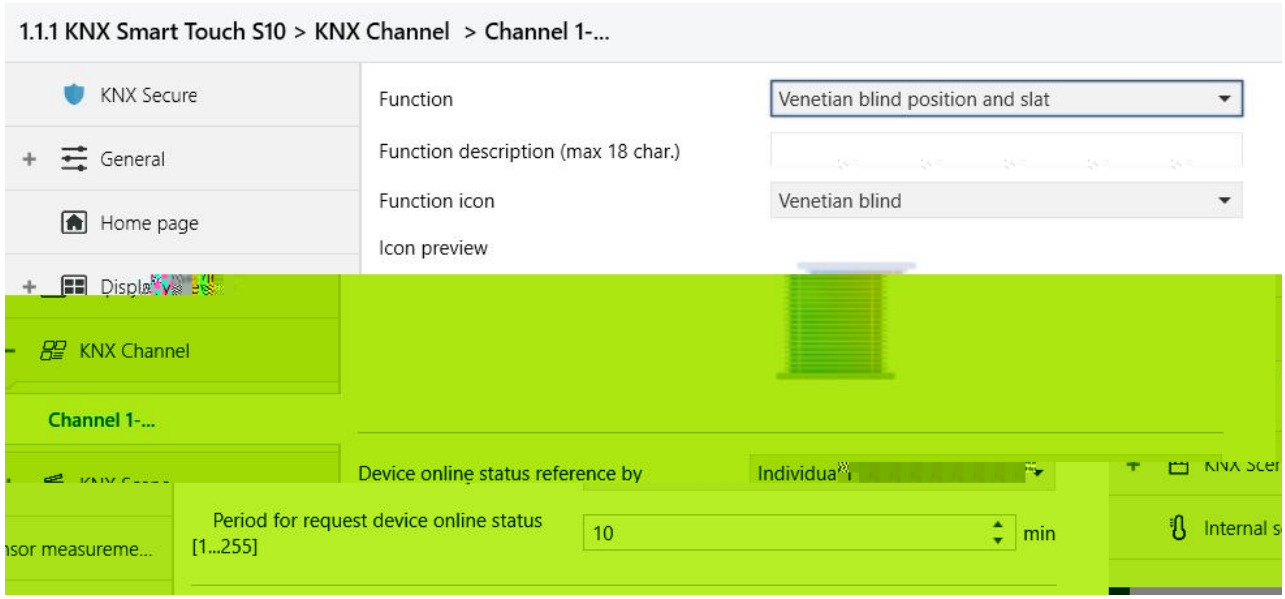


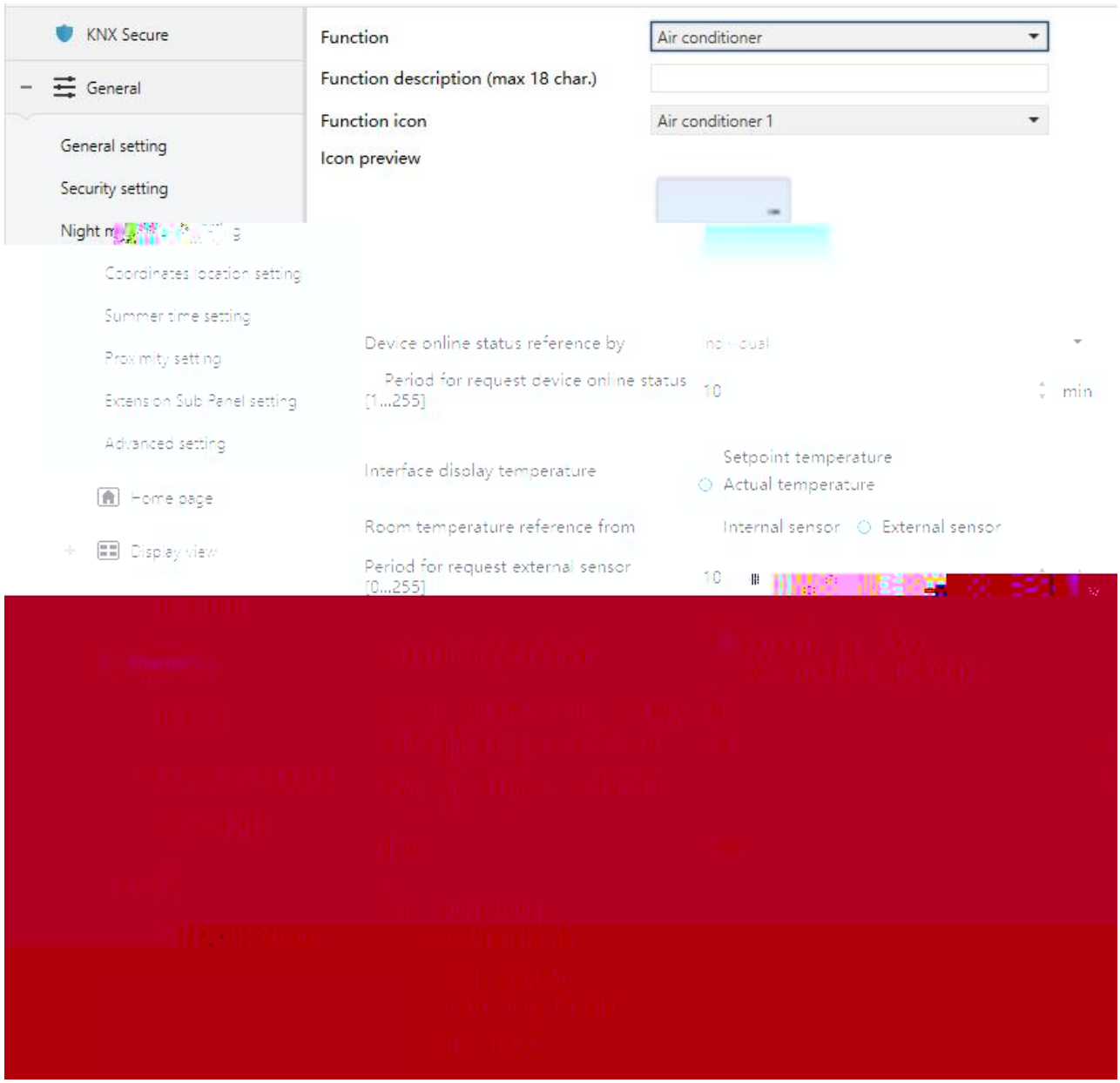

KNX Secure
General
Home page
Display view
KNX Channel
KNX Scene
Internal sensor measureme...
Function
Curtain step/move
Function description (max 18 char.)
Function icon
Curtain
Icon preview
Device online status reference by
Individual
Period for request device online status [1...255]
10
min

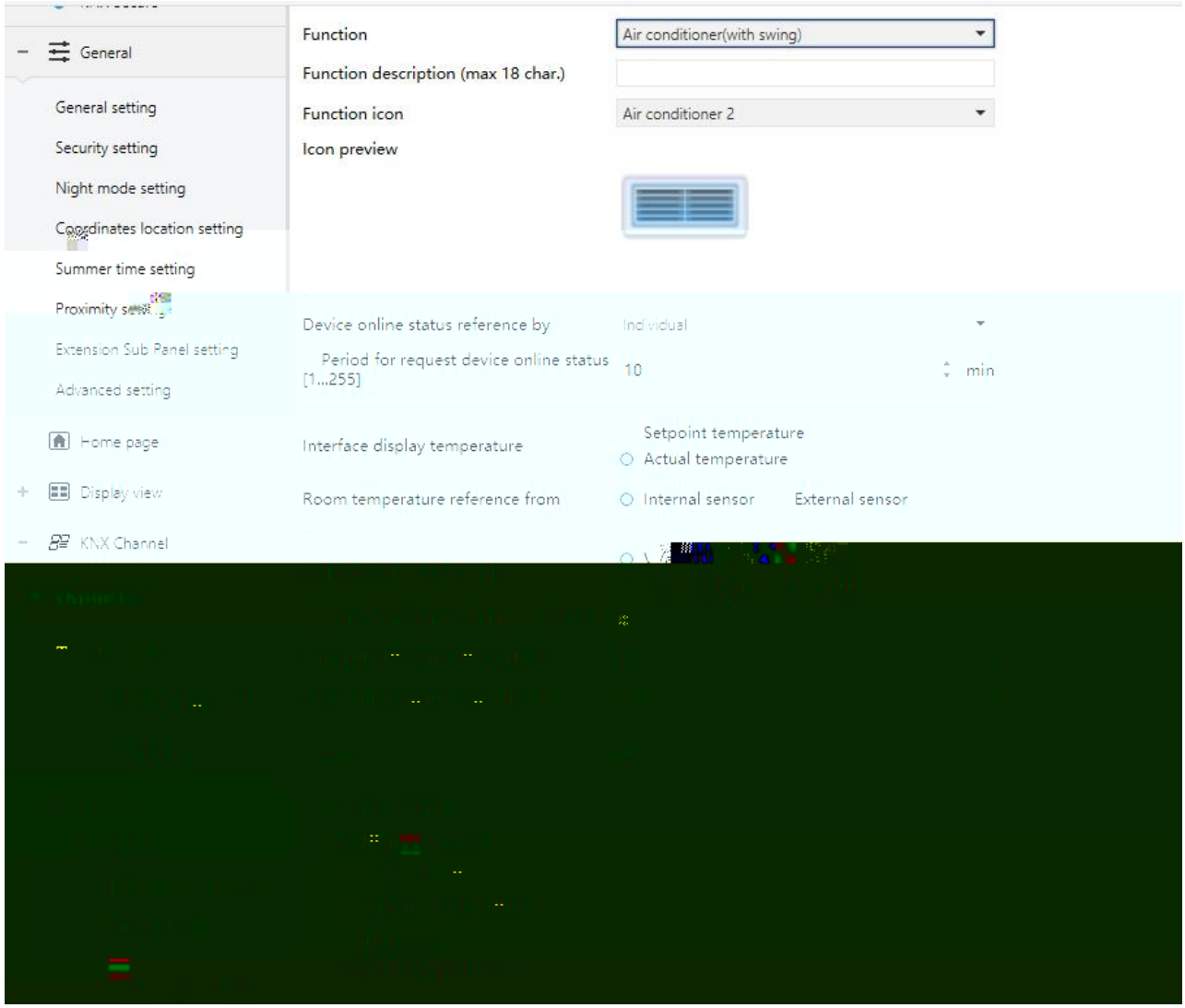

1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal sensor measureme...
Function
Roller blind step/move
Function description (max 18 char.)
Function icon
Roller blind
Icon preview
Device online status reference by
Individual
Period for request device online status [1...255]
10
min


1.1.1 KNX Smar
> KNX Channel > Channel 1-...
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Function
Curtain position
Function description (max 18 char.)
Function icon
Curtain
Icon preview
Device online status reference by
Individual
Period for request device online status
10

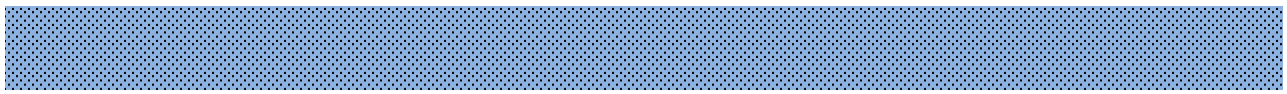

1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal sensor measureme...
Function
Roller blind position
Function description (max 18 char.)
Function icon
Roller blind
Icon preview
Device online status reference by
Individual
Period for request device online status [1...255]
10
min

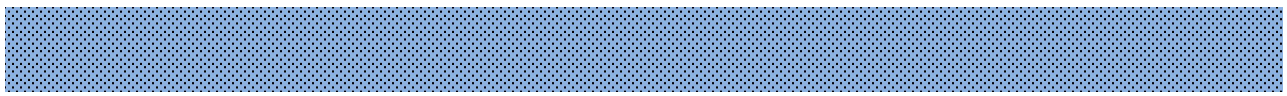

1.1.1 KNX Smart Touch S10 > KNX Channel > Channel 1-...
KNX Secure
General
Home page
KNX Channel
Channel 1-...
Function
Venetian blind position and slat
Function description (max 18 char.)
Function icon
Venetian blind
Icon preview
Device online status reference by
Period for request device online status [1...255]
10
min

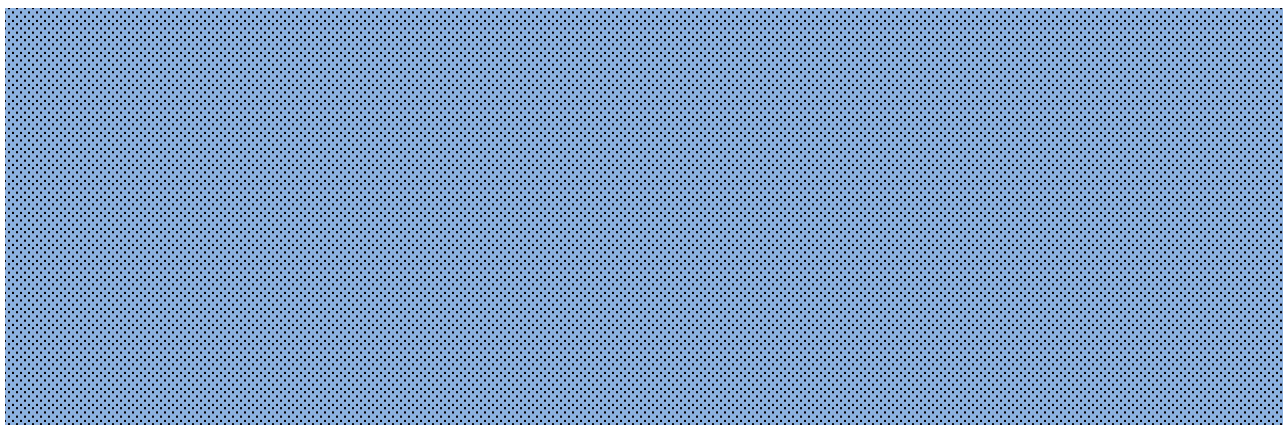

KNX Secure
General
General setting
Security setting
Night m
Coordinates location setting
Summer time setting
Proximity setting
Extension Sub Panel setting
Advanced setting
Home page
Display view
Function
Air conditioner
Function description (max 18 char.)
Function icon
Air conditioner 1
Icon preview
Device online status reference by
Period for request device online status [1...255]
10
min
Interface display temperature
Setpoint temperature
Actual temperature
Room temperature reference from
Internal sensor
External sensor
Period for request external sensor [0...255]
10

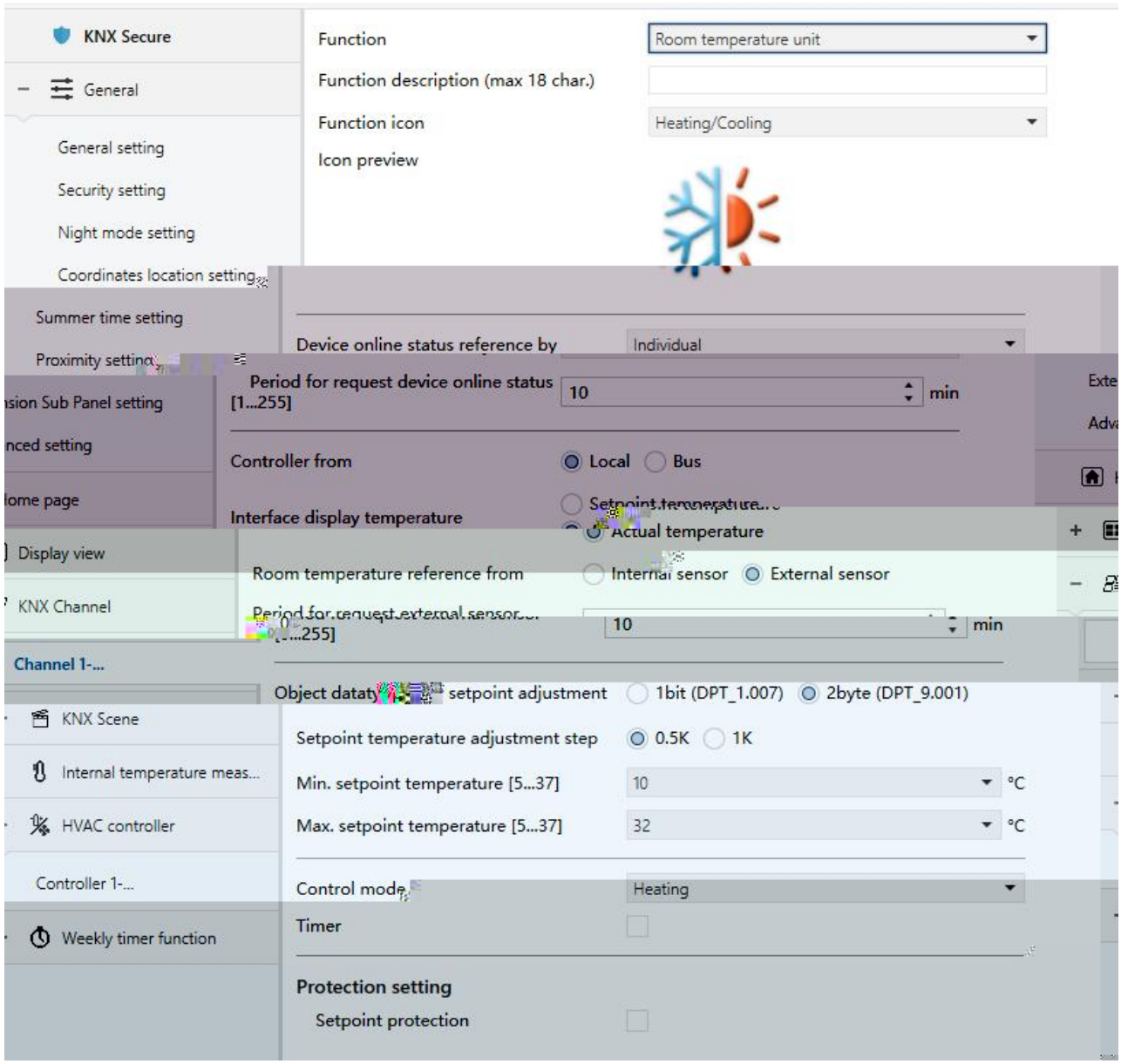

General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Extension Sub Panel setting
Advanced setting
Home page
Display view
KNX Channel
Function
Air conditioner(with swing)
Function description (max 18 char.)
Function icon
Air conditioner 2
Icon preview
Device online status reference by
Individual
Period for request device online status [1...255]
10
min
Interface display temperature
Setpoint temperature
Actual temperature
Room temperature reference from
Internal sensor
External sensor

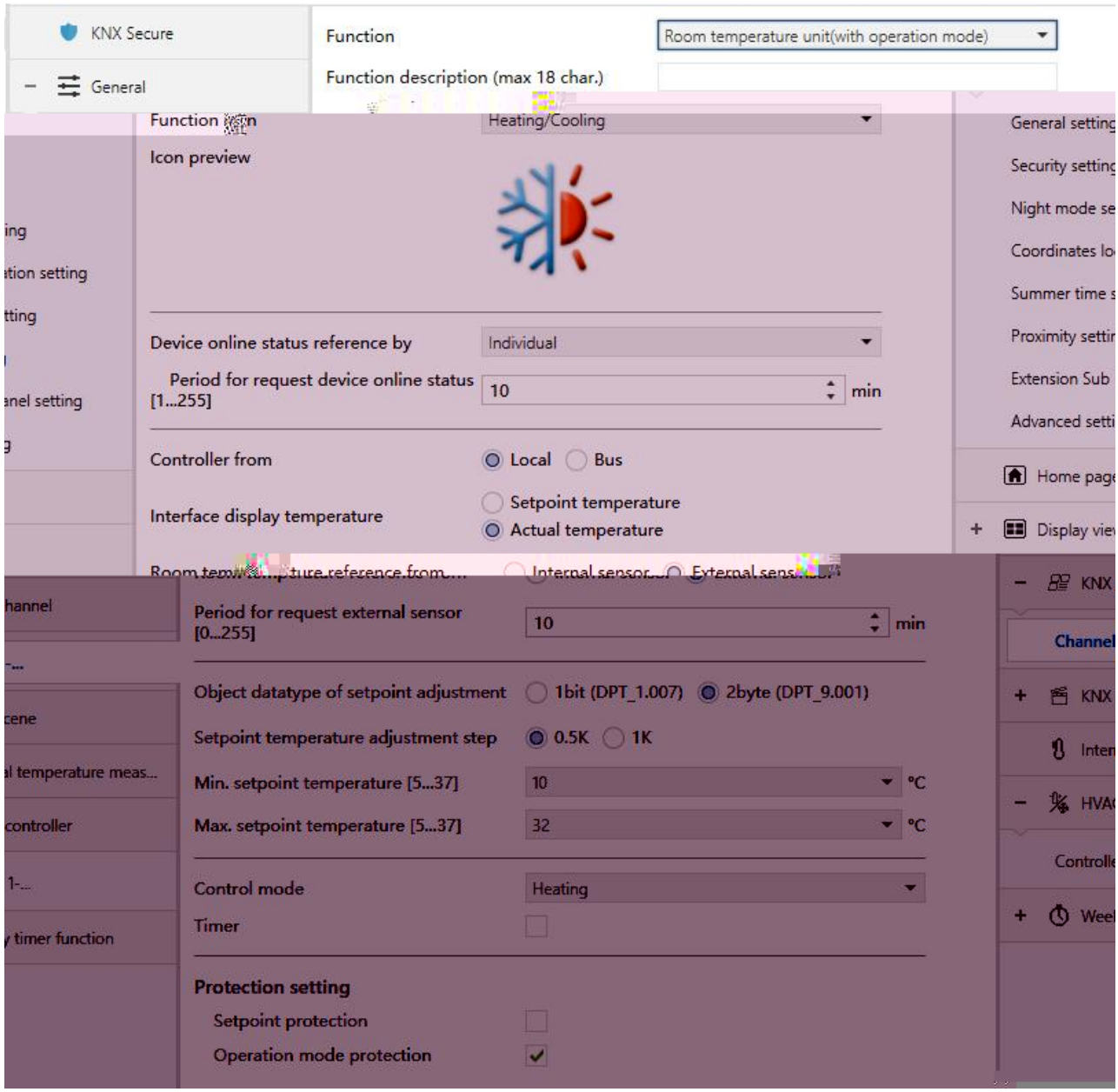
[redacted]

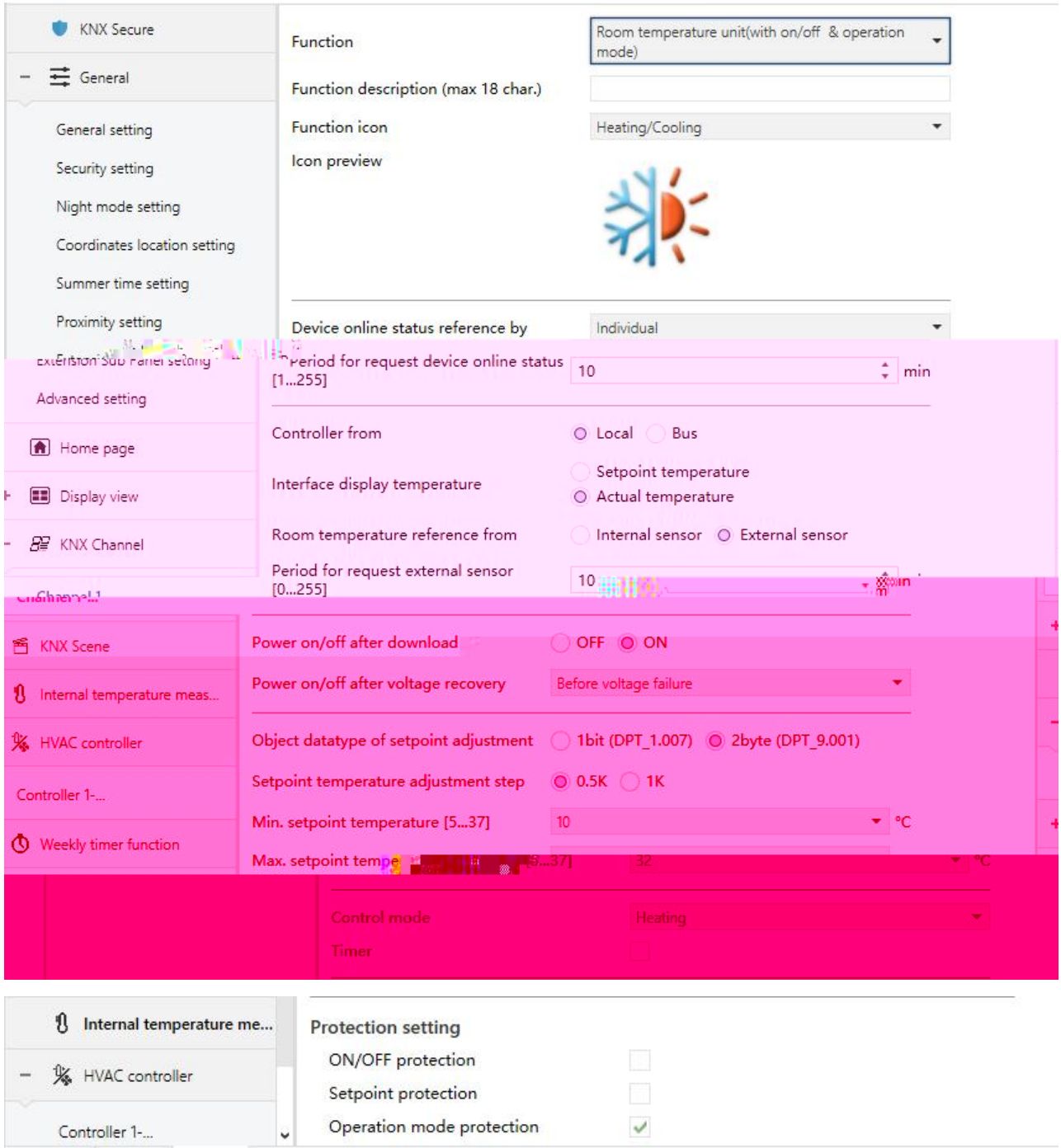




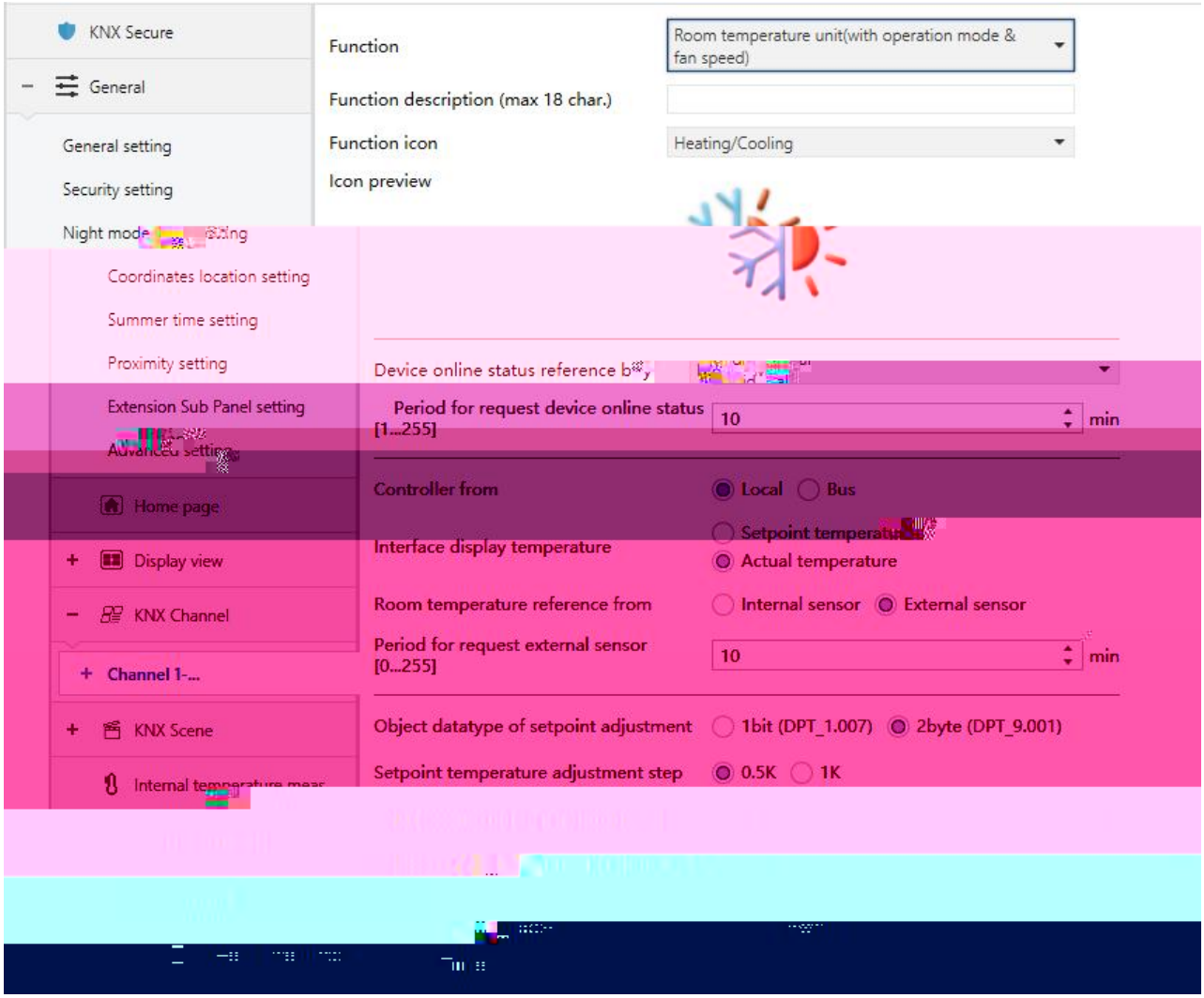



KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal temperature meas...
HVAC controller
Controller 1-...
Weekly timer function
Function
Room temperature unit
Function description (max 18 char.)
Function icon
Heating/Cooling
Icon preview
Device online status reference by
Individual
Period for request device online status [1...255]
10
min
Controller from
Local
Bus
Interface display temperature
Actual temperature
Room temperature reference from
Internal sensor
External sensor
10
min
setpoint adjustment
1bit (DPT_1.007)
2byte (DPT_9.001)
Setpoint temperature adjustment step
0.5K
1K
Min. setpoint temperature [5...37]
10
°C
Max. setpoint temperature [5...37]
32
°C
Control mode
Heating
Timer
Protection setting
Setpoint protection

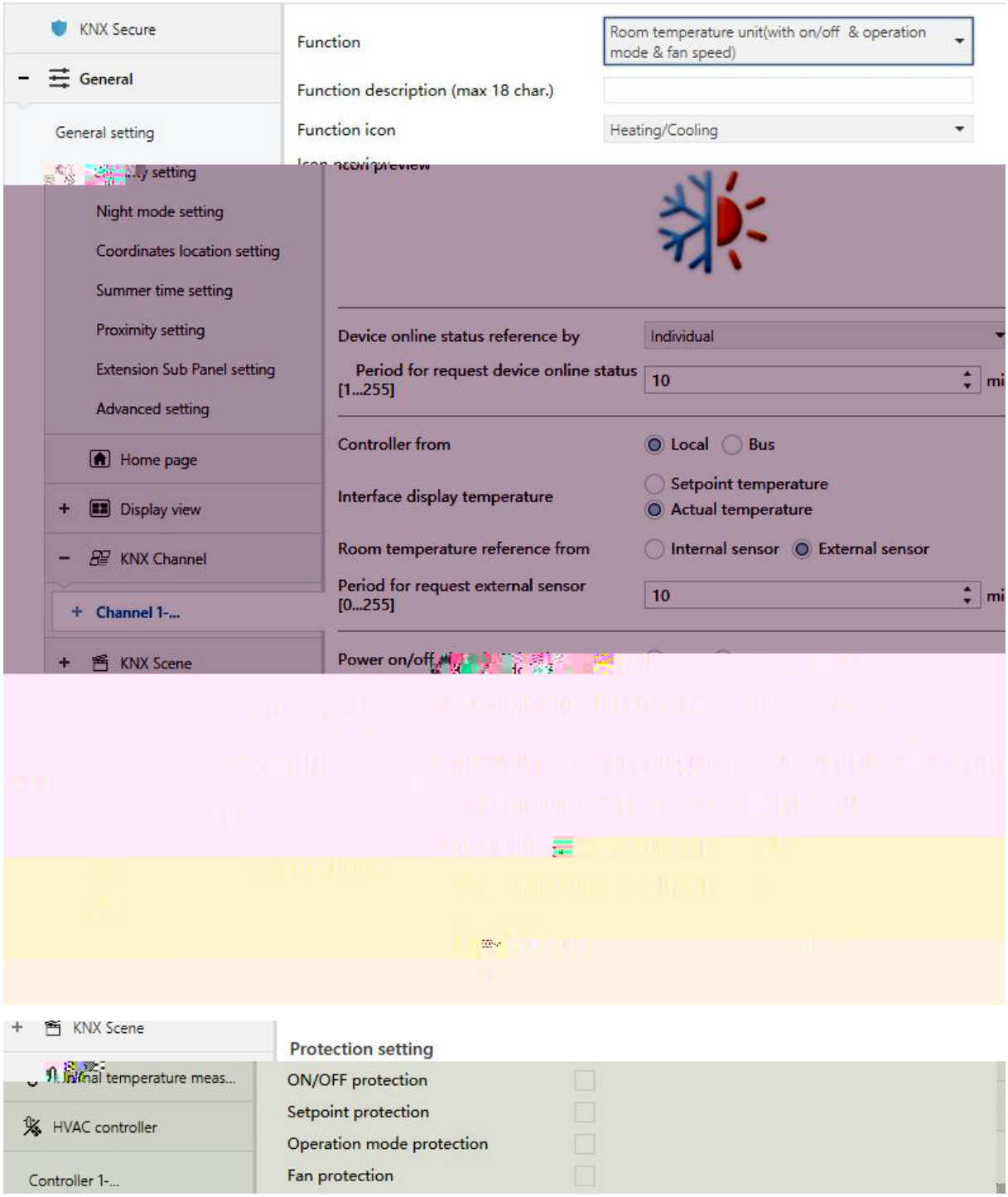

KNX Secure
General
Function
Room temperature unit(with operation mode)
Function description (max 18 char.)
Function icon
Heating/Cooling
Icon preview
Device online status reference by
Individual
Period for request device online status [1...255]
10
min
Controller from
Local
Bus
Interface display temperature
Setpoint temperature
Actual temperature
Period for request external sensor [0...255]
10
min
Object datatype of setpoint adjustment
1bit (DPT_1.007)
2byte (DPT_9.001)
Setpoint temperature adjustment step
0.5K
1K
Min. setpoint temperature [5...37]
10
°C
Max. setpoint temperature [5...37]
32
°C
Control mode
Heating
Timer
Protection setting
Setpoint protection
Operation mode protection
General setting
Security setting
Night mode se
Coordinates lo
Summer time s
Proximity settir
Extension Sub
Advanced setti
Home page
Display vie
KNX
Channel
KNX
Inter
HVA
Controlle
Week


KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Advanced setting
Home page
Display view
KNX Channel
KNX Scene
Internal temperature meas...
HVAC controller
Controller 1-...
Weekly timer function
Function
Room temperature unit(with on/off & operation mode)
Function description (max 18 char.)
Function icon
Heating/Cooling
Icon preview
Device online status reference by
Individual
Period for request device online status [1...255]
10
min
Controller from
Local
Bus
Interface display temperature
Setpoint temperature
Actual temperature
Room temperature reference from
Internal sensor
External sensor
Period for request external sensor [0...255]
Power on/off after download
OFF
ON
Power on/off after voltage recovery
Before voltage failure
Object datatype of setpoint adjustment
1bit (DPT_1.007)
2byte (DPT_9.001)
Setpoint temperature adjustment step
0.5K
1K
Min. setpoint temperature [5...37]
10
°C
Max. setpoint temp
[5...37]
32
°C
Control mode
Heating
Timer

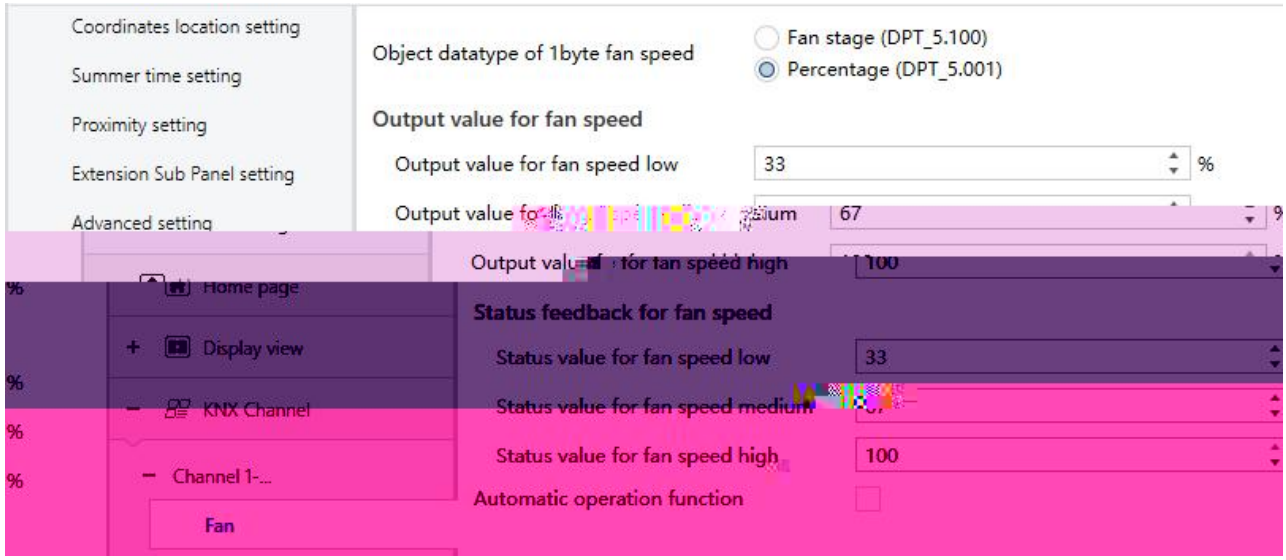
Internal temperature me...
HVAC controller
Controller 1-...
Protection setting
ON/OFF protection
Setpoint protection
Operation mode protection

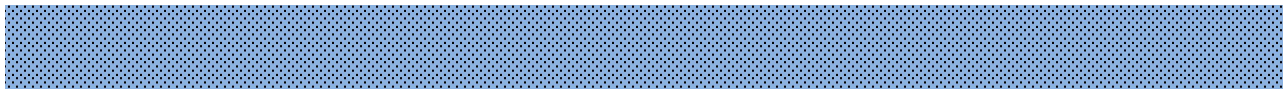

KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Extension Sub Panel setting
Advanced setting
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Internal temperature meas
Function
Room temperature unit(with operation mode & fan speed)
Function description (max 18 char.)
Function icon
Heating/Cooling
Icon preview
Device online status reference by
Period for request device online status [1...255]
10
min
Controller from
Local
Bus
Interface display temperature
Setpoint temperature
Actual temperature
Room temperature reference from
Internal sensor
External sensor
Period for request external sensor [0...255]
10
min
Object datatype of setpoint adjustment
1bit (DPT_1.007)
2byte (DPT_9.001)
Setpoint temperature adjustment step
0.5K
1K

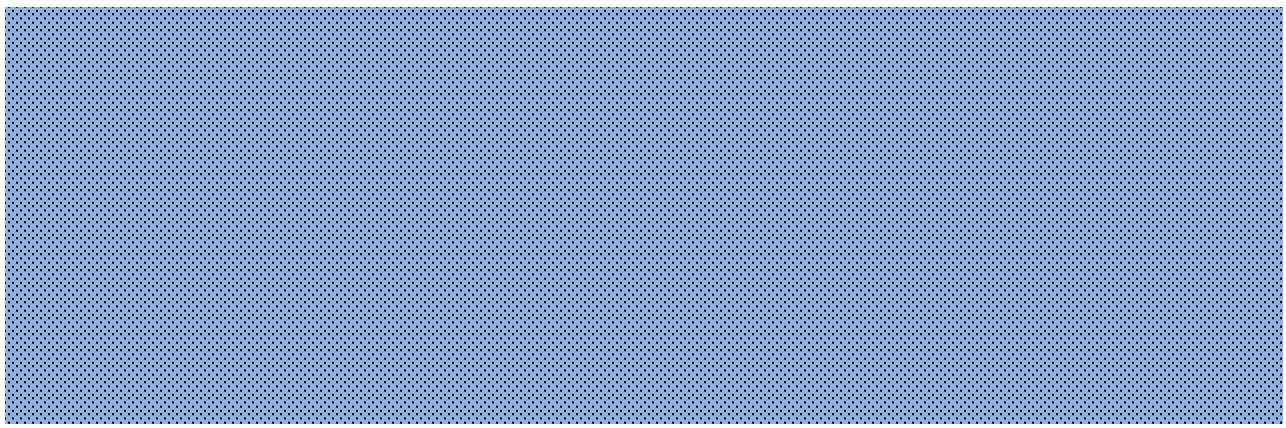
HVAC controller
Controller 1-...
Weekly timer function
Protection setting
Setpoint protection
Operation mode protection
Fan protection

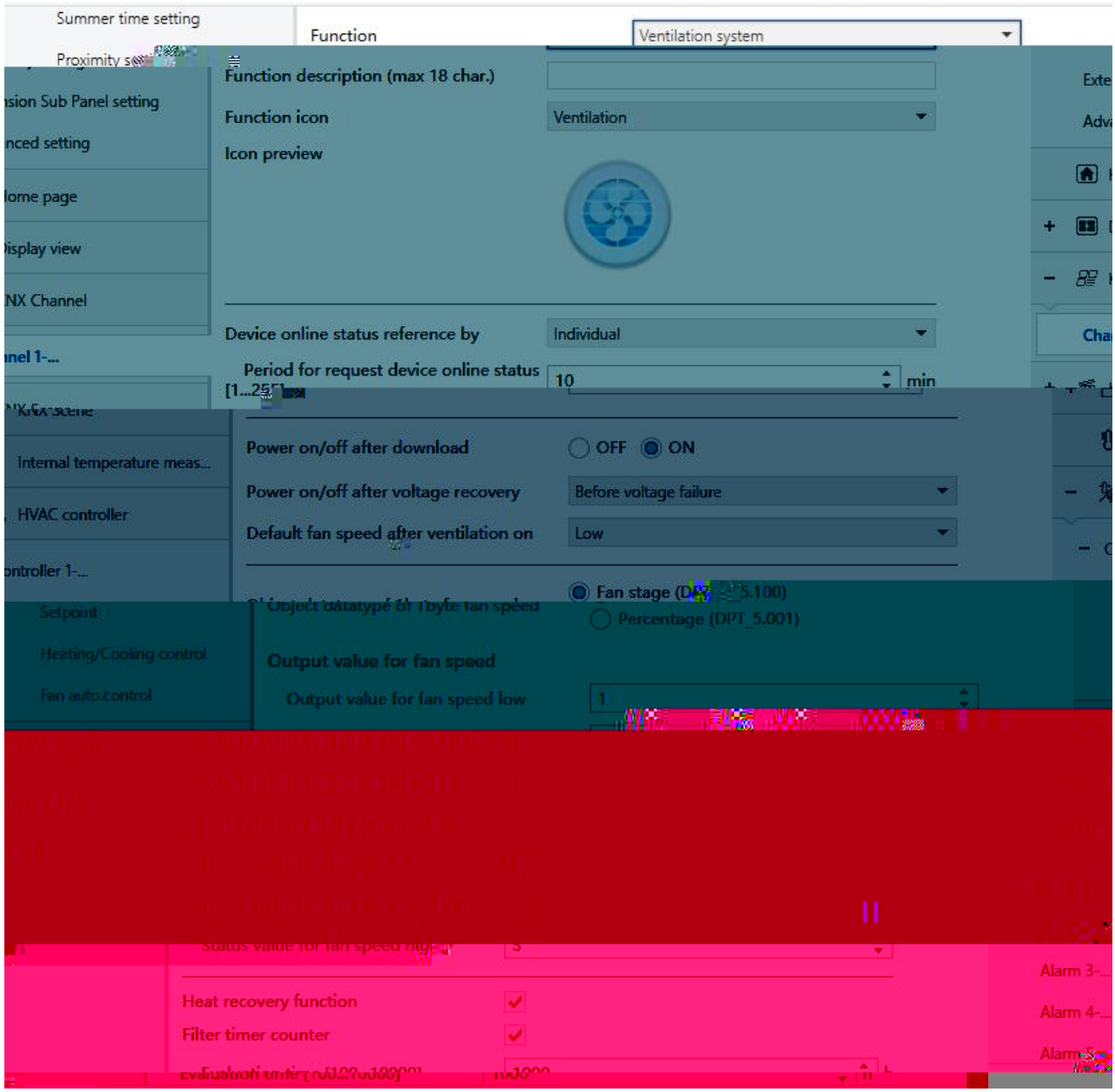

KNX Secure
General
General setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Extension Sub Panel setting
Advanced setting
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Function
Room temperature unit(with on/off & operation mode & fan speed)
Function description (max 18 char.)
Function icon
Heating/Cooling
Device online status reference by
Individual
Period for request device online status [1...255]
10
Controller from
Local
Bus
Interface display temperature
Setpoint temperature
Actual temperature
Room temperature reference from
Internal sensor
External sensor
Period for request external sensor [0...255]
10
Power on/off

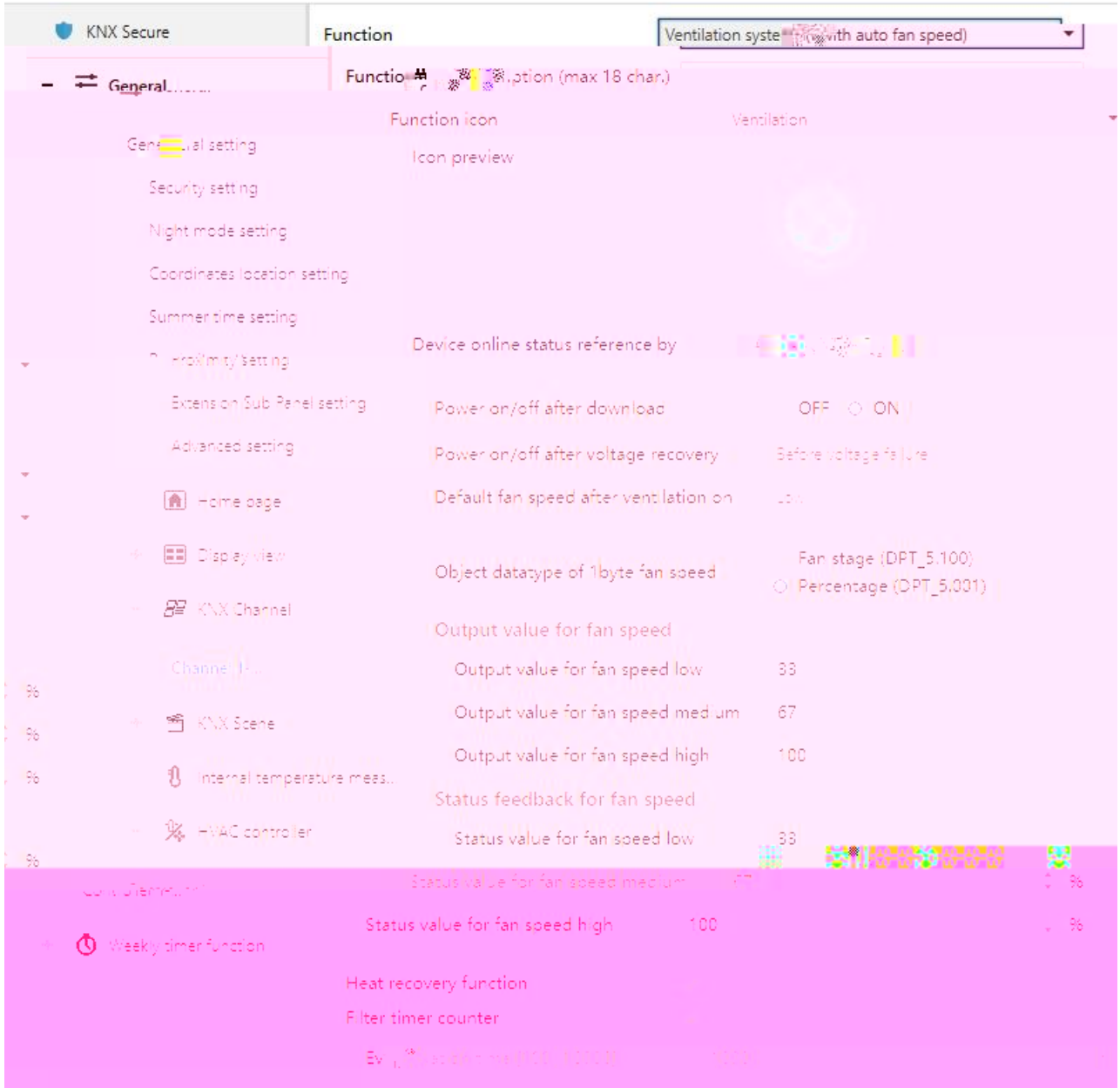
KNX Scene
HVAC controller
Controller 1-...
Protection setting
ON/OFF protection
Setpoint protection
Operation mode protection
Fan protection

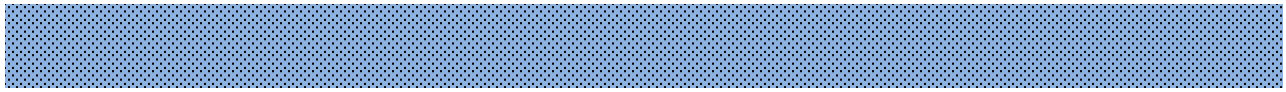

Coordinates location setting
Summer time setting
Proximity setting
Extension Sub Panel setting
Advanced setting
Home page
Display view
KNX Channel
Channel 1-...
Fan
Object datatype of 1byte fan speed
Fan stage (DPT_5.100)
Percentage (DPT_5.001)
Output value for fan speed
Output value for fan speed low
33
%
67
100
Status feedback for fan speed
Status value for fan speed low
33
Status value for fan speed high
100
Automatic operation function

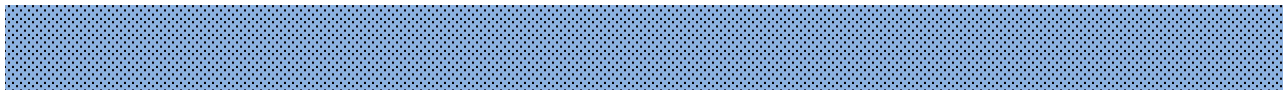


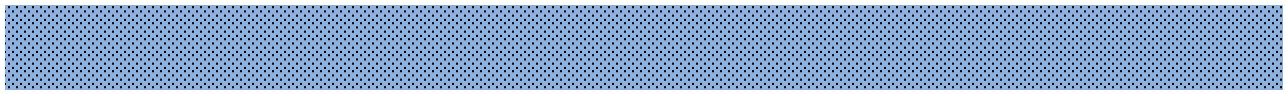


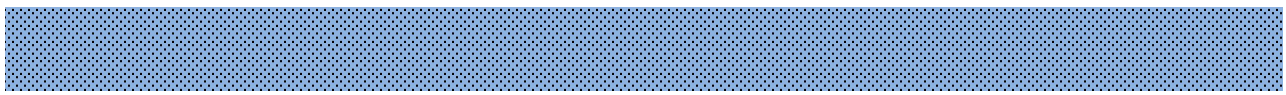

Summer time setting
Function
Ventilation system
Function description (max 18 char.)
Function icon
Ventilation
Icon preview
Device online status reference by
Individual
Period for request device online status
10
min
Power on/off after download
OFF
ON
Power on/off after voltage recovery
Before voltage failure
Default fan speed after ventilation on
Low
Fan stage (DPT_5.100)
Percentage (DPT_5.001)
Output value for fan speed
Output value for fan speed low
1
Heat recovery function
Filter timer counter

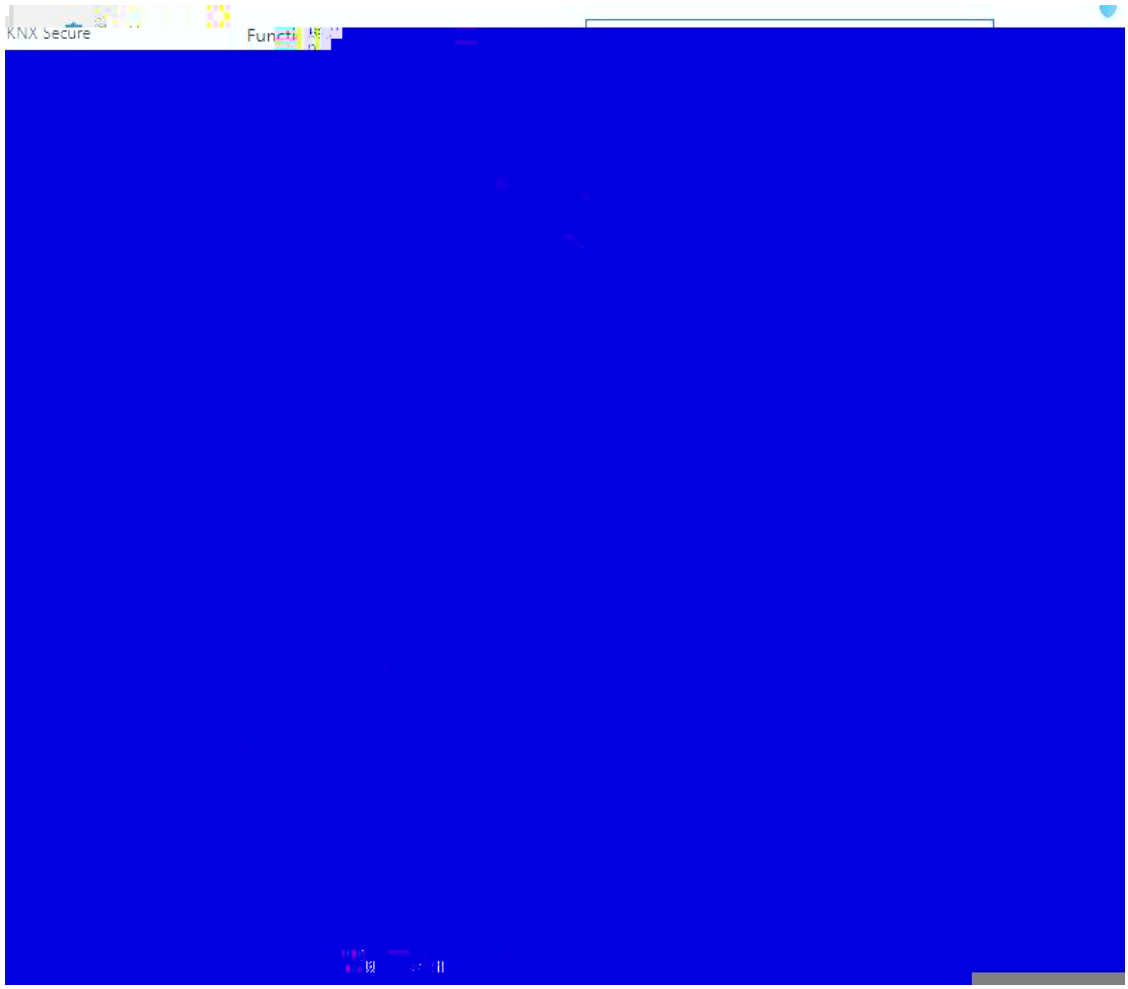

KNX Secure
Function
Ventilation syste ith auto fan speed)
General
Function ption (max 18 char.)
Function icon
Ventilation
Icon preview
Device online status reference by
Power on/off after download
OFF ON
Power on/off after voltage recovery
Default fan speed after ventilation on
Object datatype of 1byte fan speed
Fan stage (DPT_5.100)
Percentage (DPT_5.001)
Output value for fan speed
Output value for fan speed low 33
Output value for fan speed medium 67
Output value for fan speed high 100
Status feedback for fan speed
Status value for fan speed low 33
Status value for fan speed high 100
Heat recovery function
Filter timer counter
Air Quality value reference from
PM2.5
Object datatype of PM2.5
Value in ug/m3(DPT_7.001)
Float ue in ug/m3(DPT_9.030)

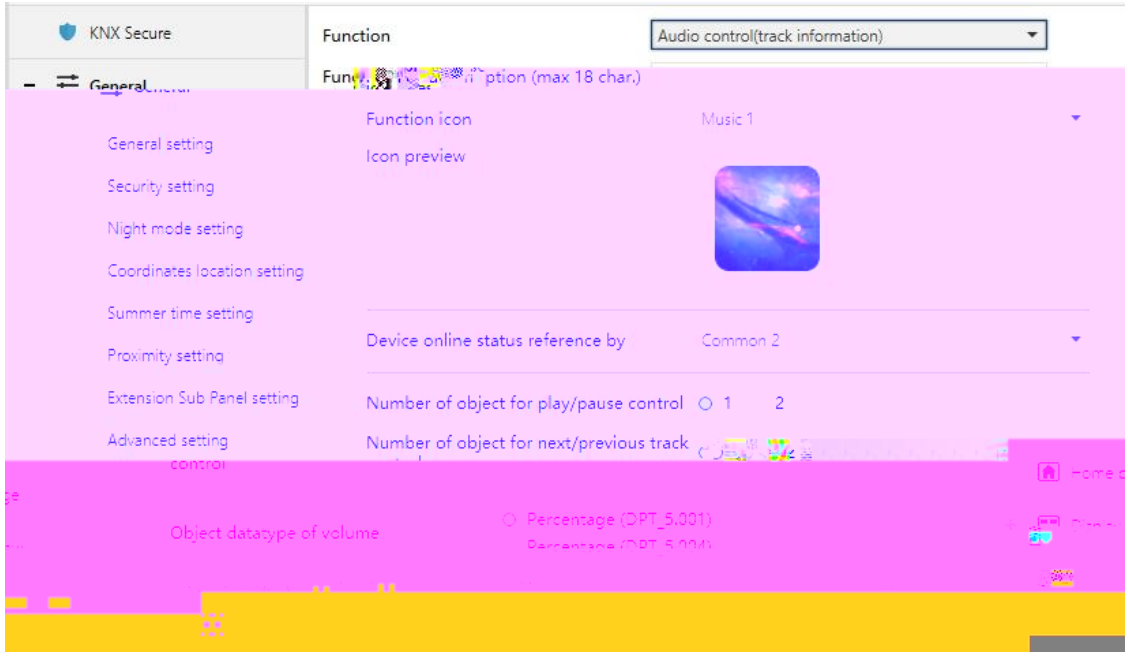


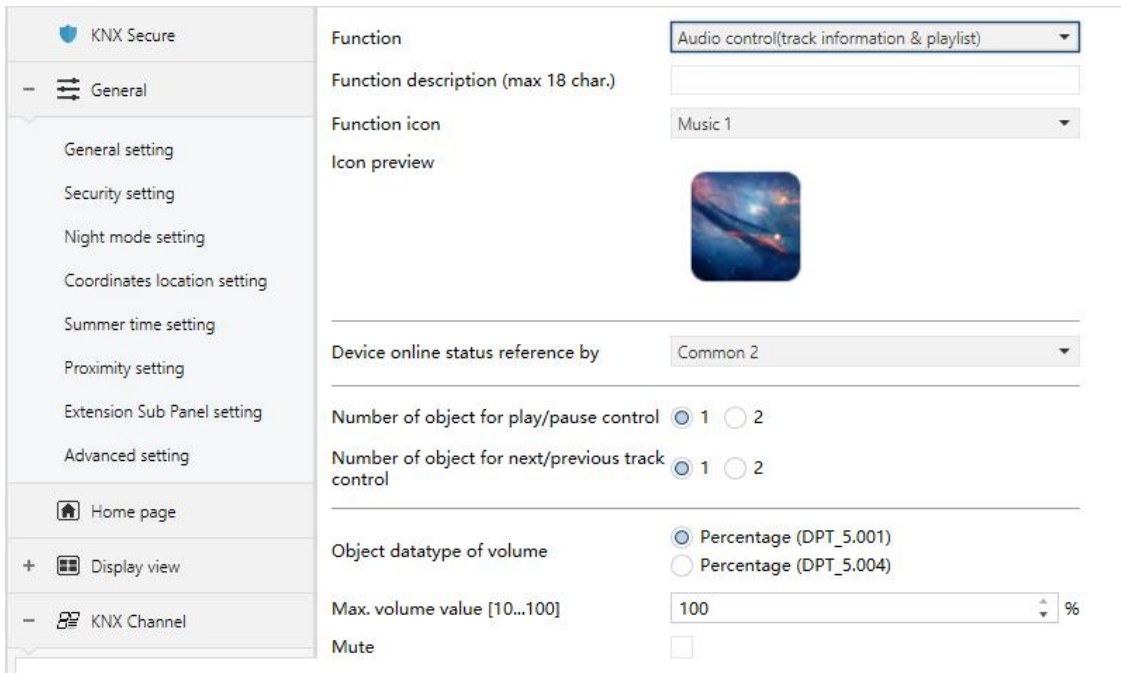


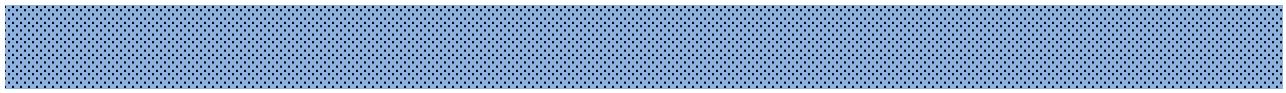


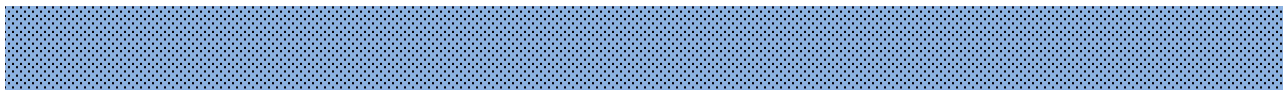


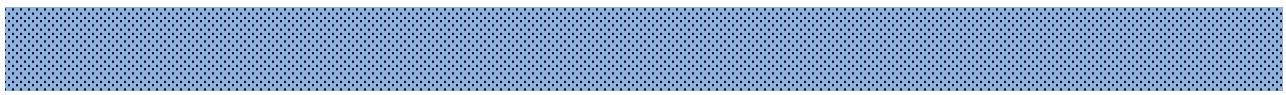

KNX Secure

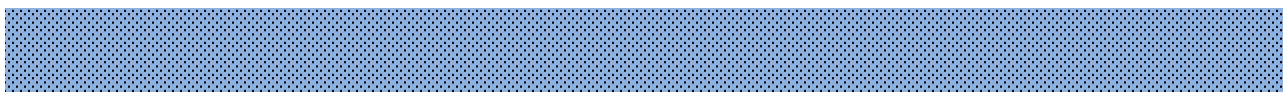

KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Extension Sub Panel setting
Advanced setting
control
Function
Audio control(track information)
ption (max 18 char.)
Function icon
Music 1
Icon preview
Device online status reference by
Common 2
Number of object for play/pause control
1
2
Number of object for next/previous track
Object datatype of volume
Percentage (DPT_5.001)

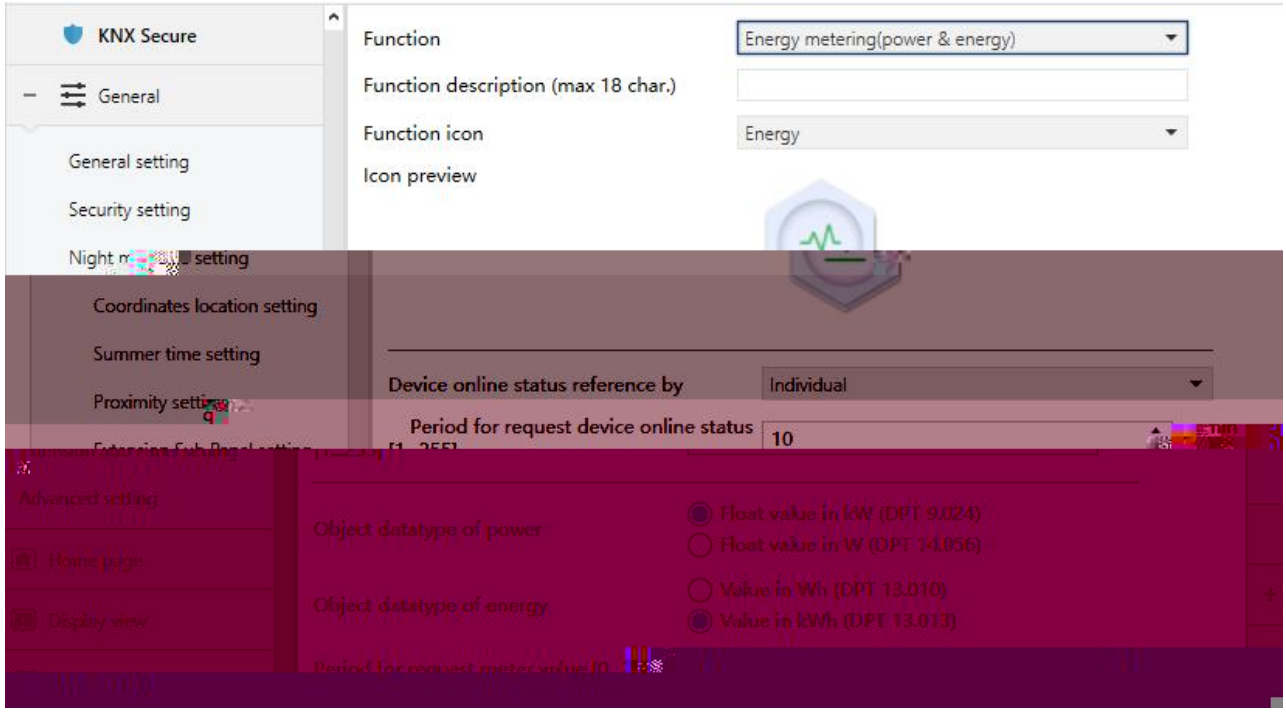

KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Extension Sub Panel setting
Advanced setting
Home page
Display view
KNX Channel
Function
Audio control(track information & playlist)
Function description (max 18 char.)
Function icon
Music 1
Icon preview
Device online status reference by
Common 2
Number of object for play/pause control
1
2
Number of object for next/previous track control
1
2
Object datatype of volume
Percentage (DPT_5.001)
Percentage (DPT_5.004)
Max. volume value [10...100]
100
%
Mute

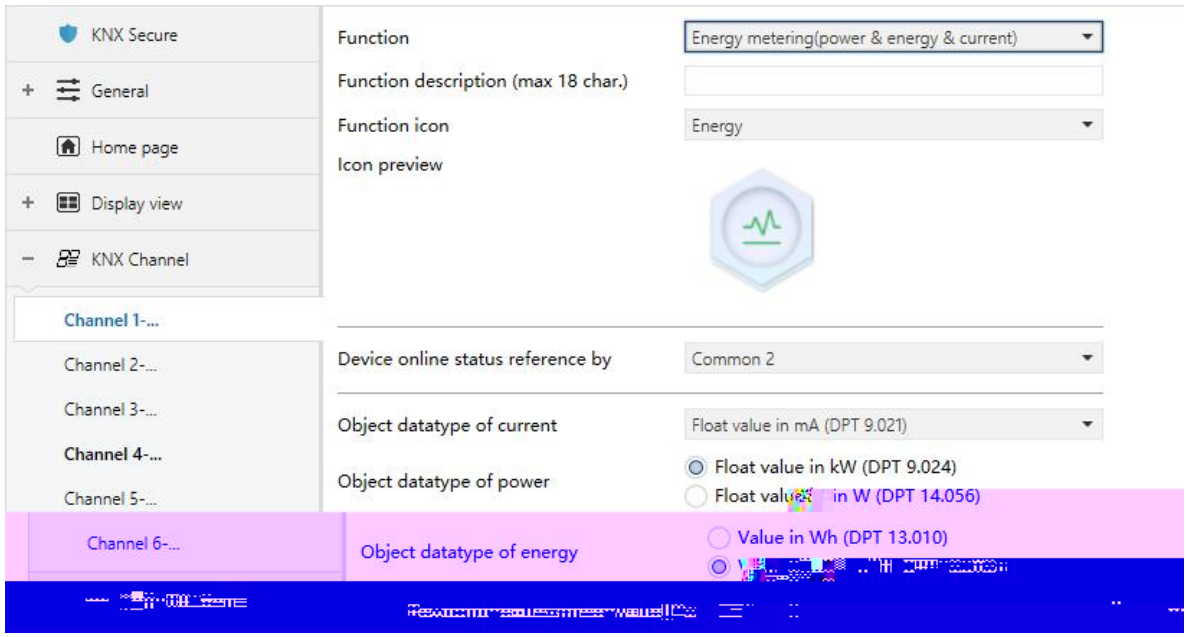






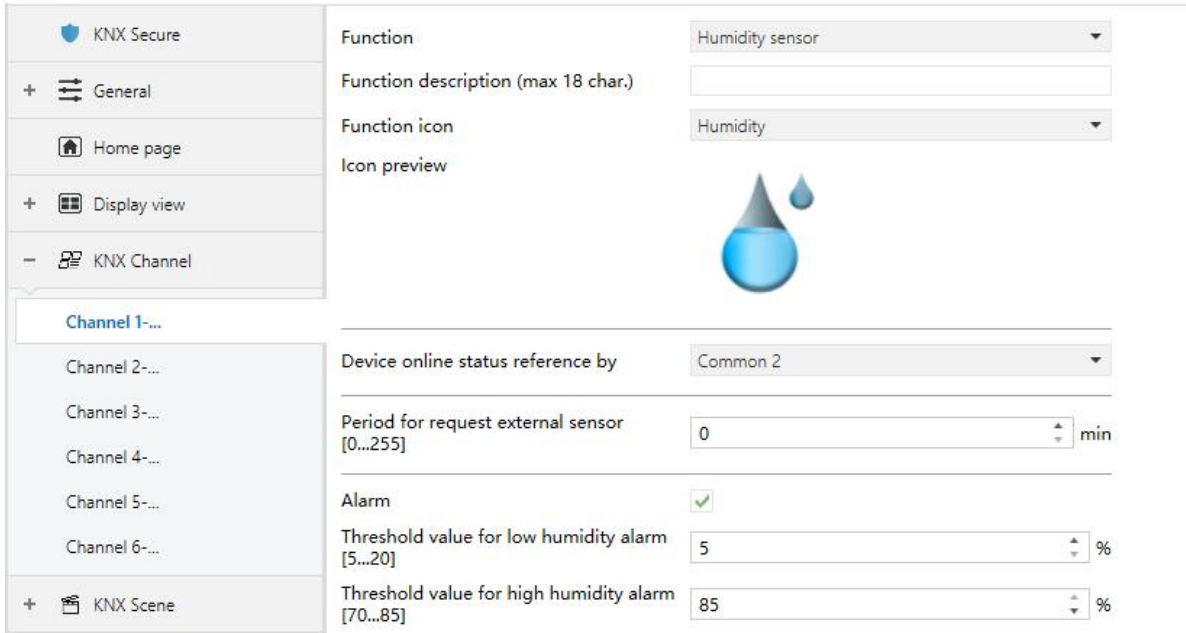


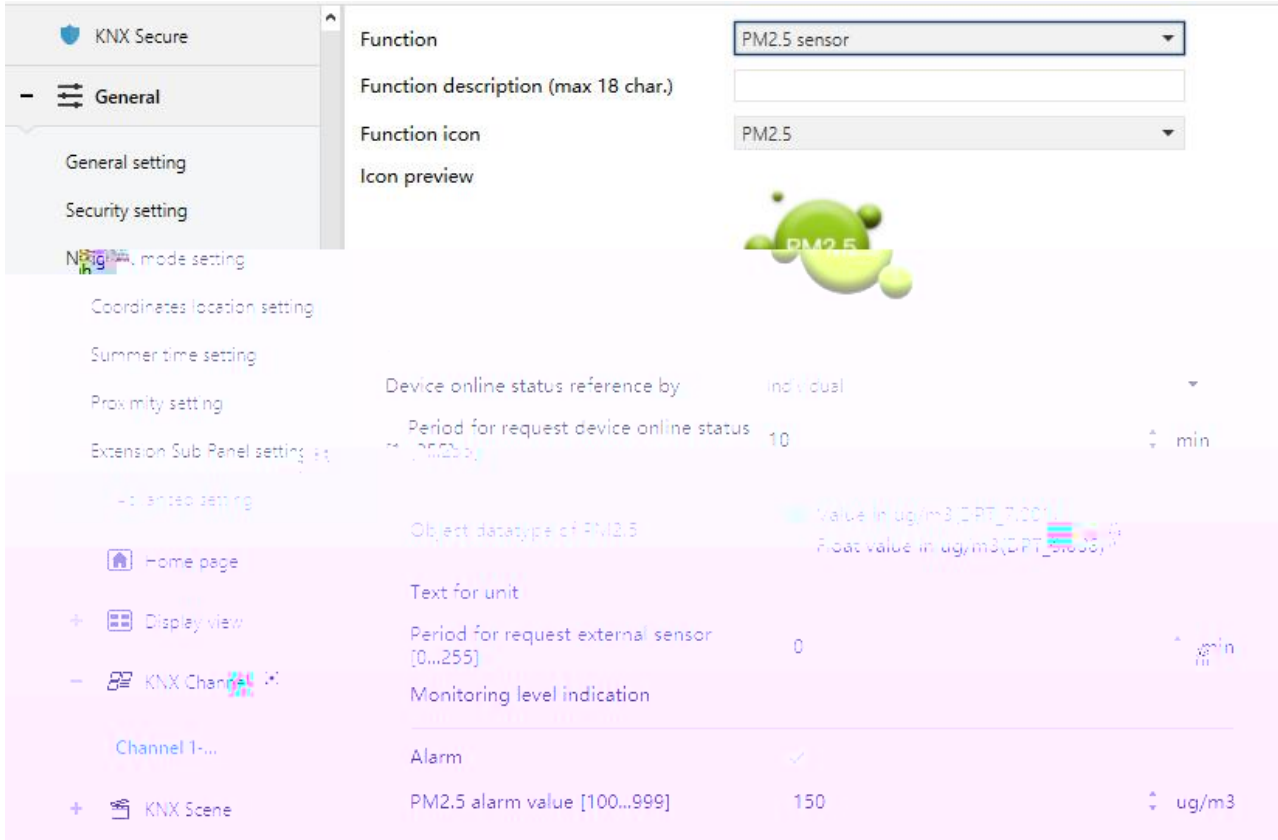

KNX Secure
General
General setting
Security setting
Night mode setting
Coordinates location setting
Summer time setting
Proximity setting
Advanced setting
Home page
Display view
Function
Energy metering(power & energy)
Function description (max 18 char.)
Function icon
Energy
Icon preview
Device online status reference by
Individual
Period for request device online status
10
Object datatype of power
Float value in kW (DPT 9.024)
Float value in W (DPT 14.056)
Object datatype of energy
Value in Wh (DPT 13.010)
Value in kWh (DPT 13.013)

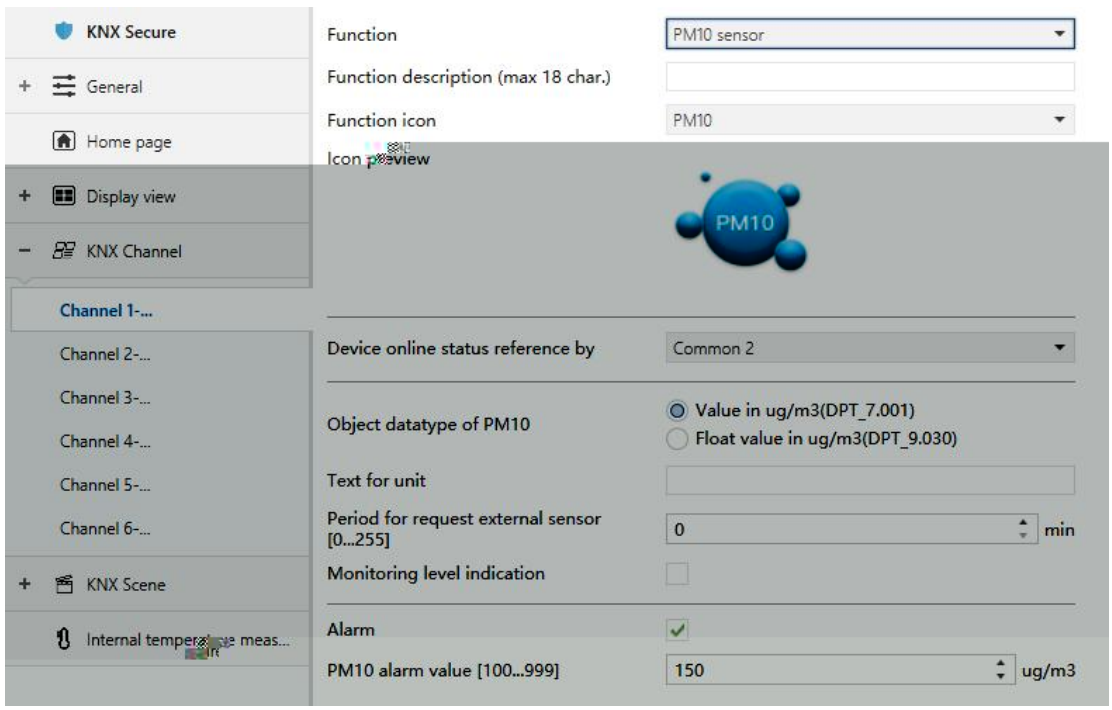

KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 4-...
Channel 5-...
Channel 6-...
Function
Energy metering(power & energy & current)
Function description (max 18 char.)
Function icon
Energy
Icon preview
Device online status reference by
Common 2
Object datatype of current
Float value in mA (DPT 9.021)
Object datatype of power
Float value in kW (DPT 9.024)
Float value in W (DPT 14.056)
Object datatype of energy
Value in Wh (DPT 13.010)

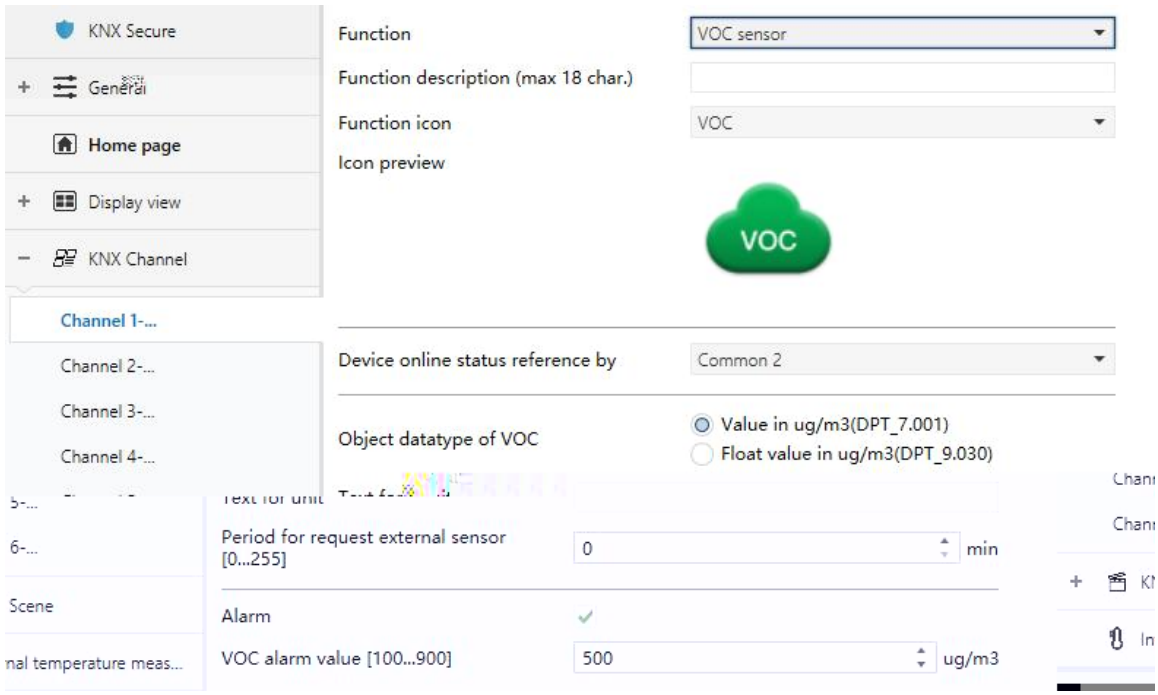
KNX Secure
General
Home page
Function
Energy metering(power & energy & current & voltage)
Function description (max 18 char.)
Function icon
Energy
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 4-...
Channel 6-...
KNX Scene
Device online status reference by
Common 2
Object datatype of current
Float value in mA (DPT 9.021)
Float value in V (DPT 14.027)
Float value in kW (DPT 9.024)
Float value in W (DPT 14.056)
Object datatype of power
Object datatype of energy

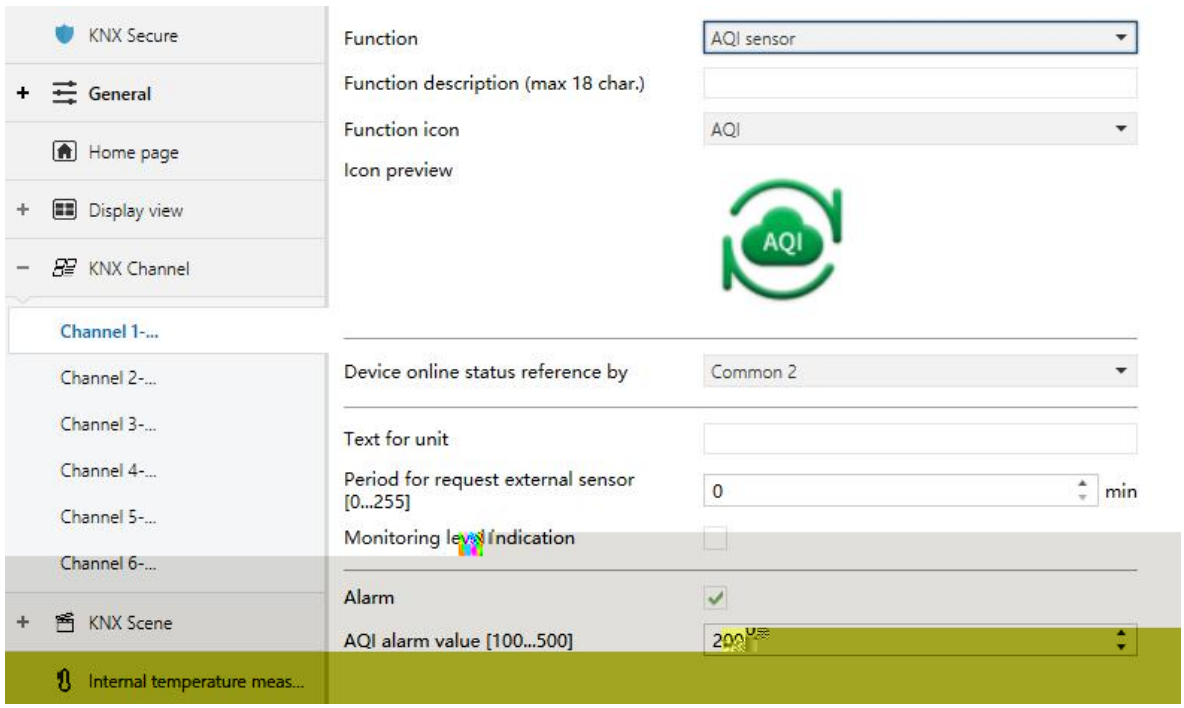
KNX
alarm [0...15]
°C
KNX Scene
Threshold value for high temperature alarm [30...45]
45
°C

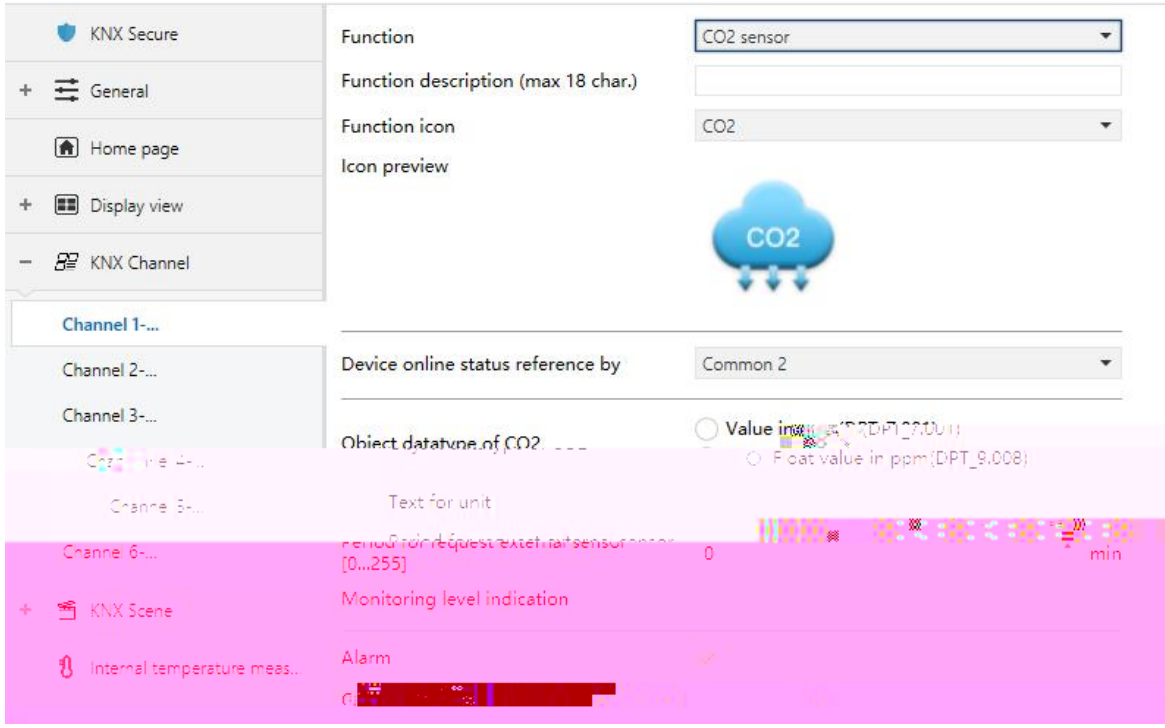

KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 4-...
Channel 5-...
Channel 6-...
KNX Scene
Function
Humidity sensor
Function description (max 18 char.)
Function icon
Humidity
Icon preview
Device online status reference by
Common 2
Period for request external sensor [0...255]
0
min
Alarm
Threshold value for low humidity alarm [5...20]
5
%
Threshold value for high humidity alarm [70...85]
85
%

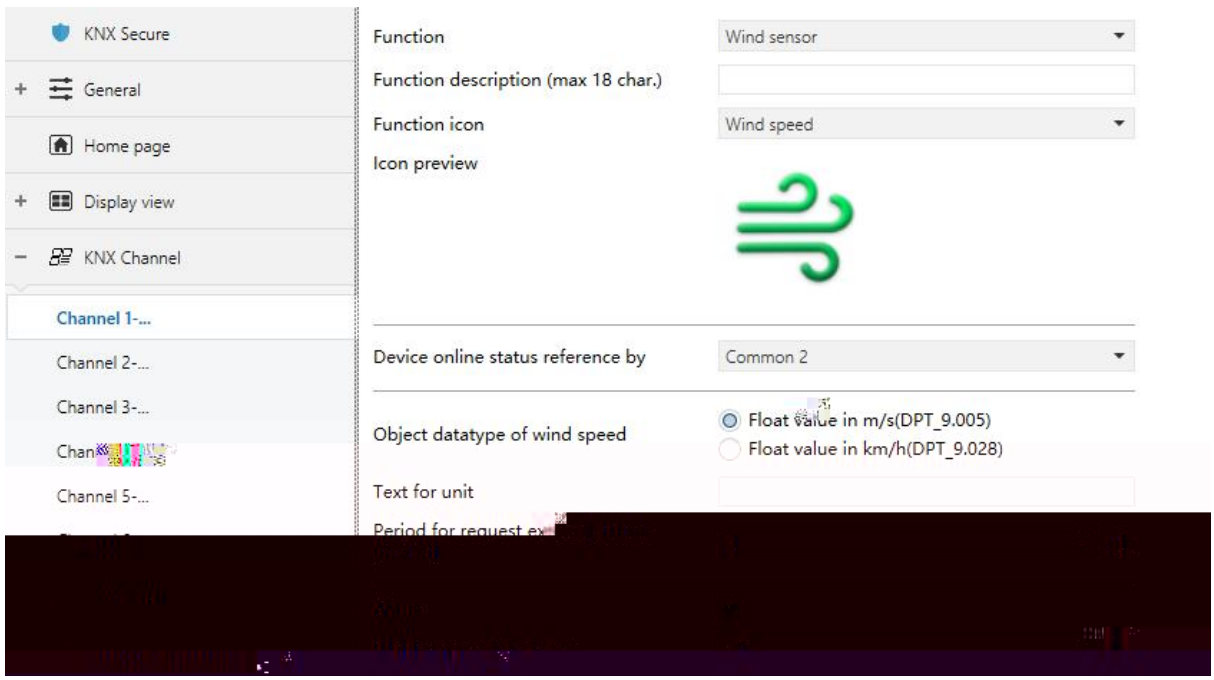

KNX Secure
General
General setting
Security setting
mode setting
Coordinates location setting
Summer time setting
Proximity setting
Extension Sub Panel setting
Home page
Display view
KNX Channel
Channel 1-...
KNX Scene
Function
PM2.5 sensor
Function description (max 18 char.)
Function icon
PM2.5
Icon preview
PM2.5
Device online status reference by
Period for request device online status
10
min
Object datatype of PM2.5
Text for unit
Period for request external sensor [0...255]
0
Monitoring level indication
Alarm
PM2.5 alarm value [100...999]
150
ug/m3

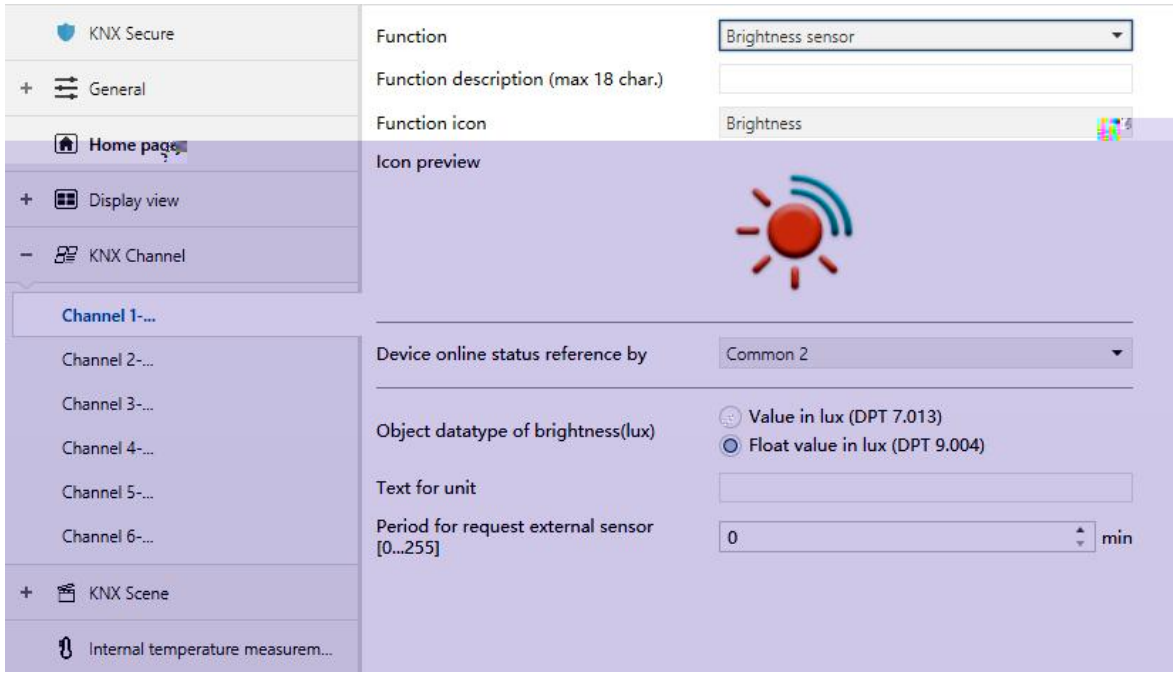

KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 4-...
Channel 5-...
Channel 6-...
KNX Scene
Internal temperature meas...
Function
PM10 sensor
Function description (max 18 char.)
Function icon
PM10
Icon preview
PM10
Device online status reference by
Common 2
Object datatype of PM10
Value in ug/m3(DPT_7.001)
Float value in ug/m3(DPT_9.030)
Text for unit
Period for request external sensor [0...255]
0
min
Monitoring level indication
Alarm
PM10 alarm value [100...999]
150
ug/m3

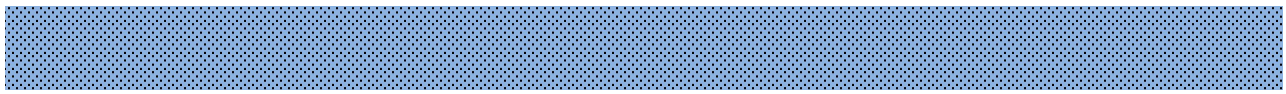

KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 4-...
6-...
Scene
nal temperature meas...
Function
VOC sensor
Function description (max 18 char.)
Function icon
VOC
Icon preview
VOC
Device online status reference by
Common 2
Object datatype of VOC
Value in ug/m3(DPT_7.001)
Float value in ug/m3(DPT_9.030)
Period for request external sensor [0...255]
0
min
Alarm
VOC alarm value [100...900]
500
ug/m3

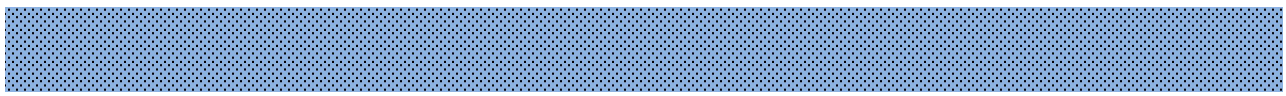

KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 4-...
Channel 5-...
Channel 6-...
KNX Scene
Internal temperature meas...
Function
AQI sensor
Function description (max 18 char.)
Function icon
AQI
Icon preview
AQI
Device online status reference by
Common 2
Text for unit
Period for request external sensor [0...255]
0
min
Monitoring level indication
Alarm
AQI alarm value [100...500]
200

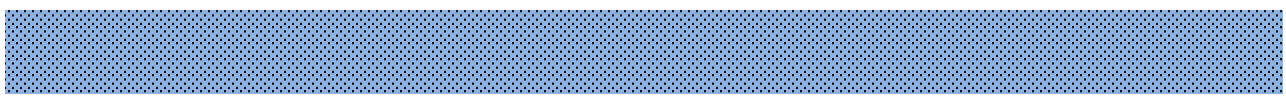

KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 6-...
KNX Scene
Internal temperature meas...
Function
CO2 sensor
Function description (max 18 char.)
Function icon
CO2
Icon preview
CO2
Device online status reference by
Common 2
Text for unit
[0...255]
0
min
Monitoring level indication
Alarm

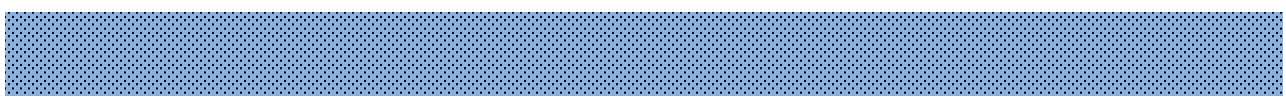

KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 5-...
Function
Wind sensor
Function description (max 18 char.)
Function icon
Wind speed
Icon preview
Device online status reference by
Common 2
Object datatype of wind speed
Float value in m/s(DPT_9.005)
Float value in km/h(DPT_9.028)
Text for unit

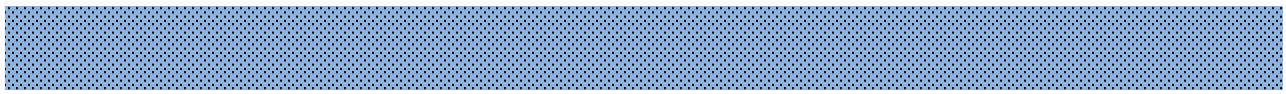

KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 4-...
Channel 5-...
Channel 6-...
KNX Scene
Internal temperature measurem...
Function
Brightness sensor
Function description (max 18 char.)
Function icon
Brightness
Icon preview
Device online status reference by
Common 2
Object datatype of brightness(lux)
Value in lux (DPT 7.013)
Float value in lux (DPT 9.004)
Text for unit
Period for request external sensor [0...255]
0
min

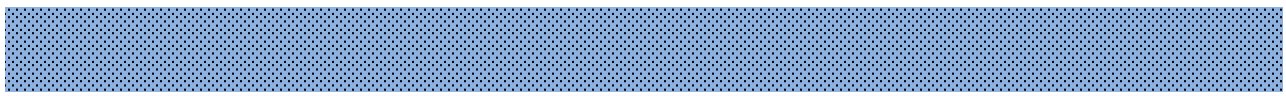


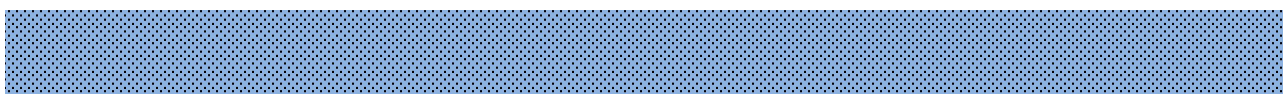


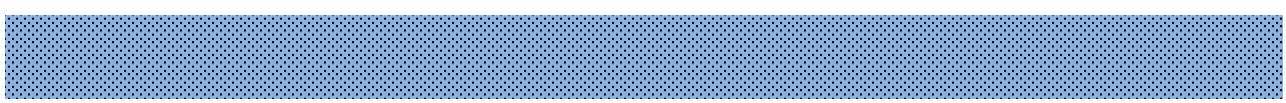


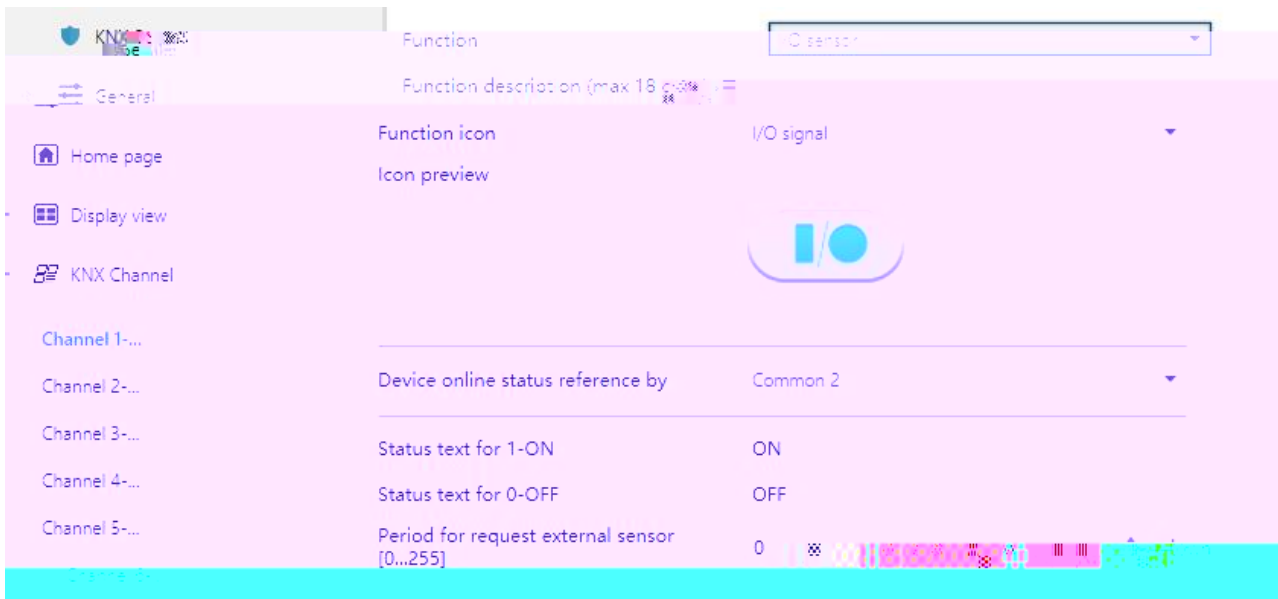


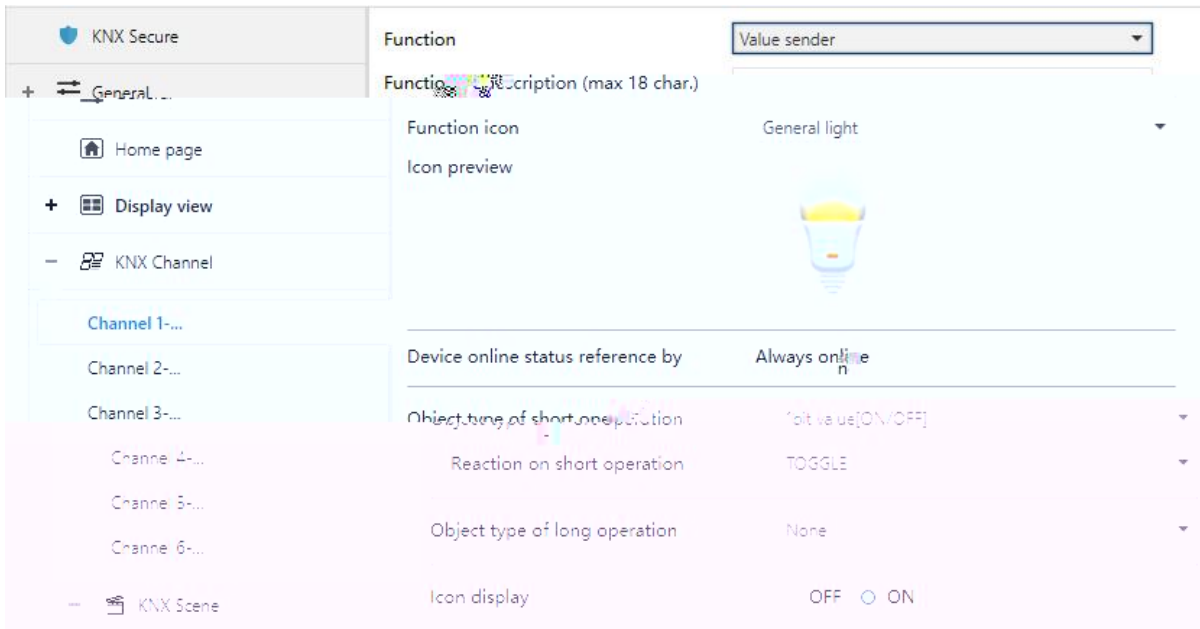


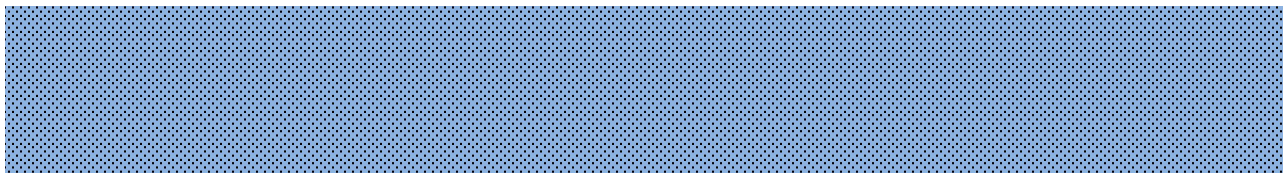




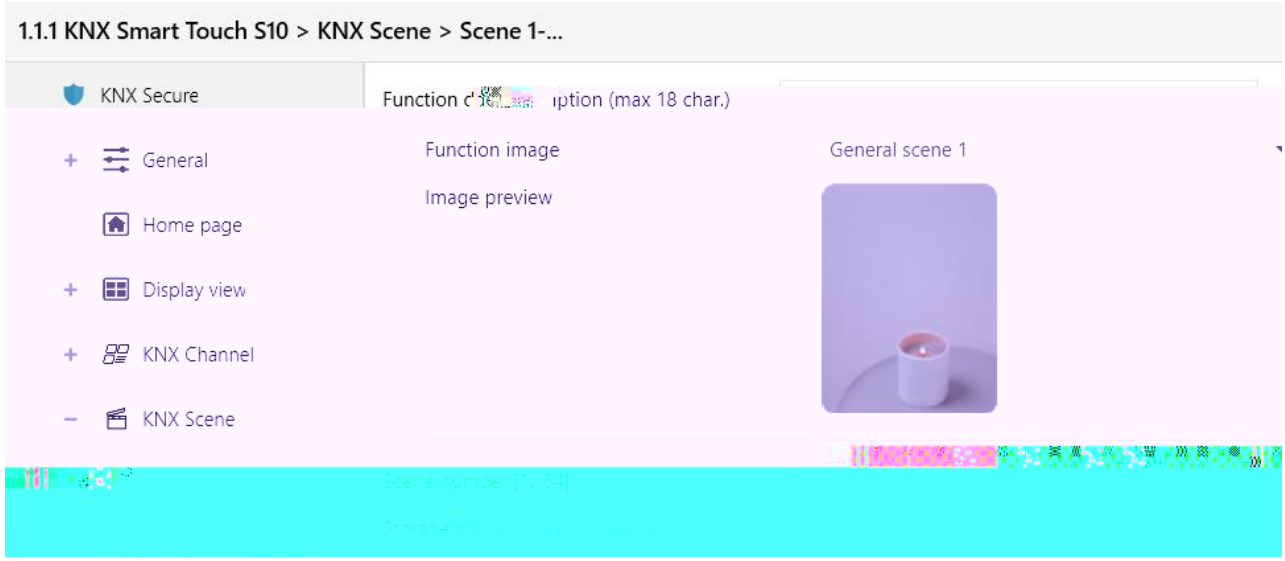


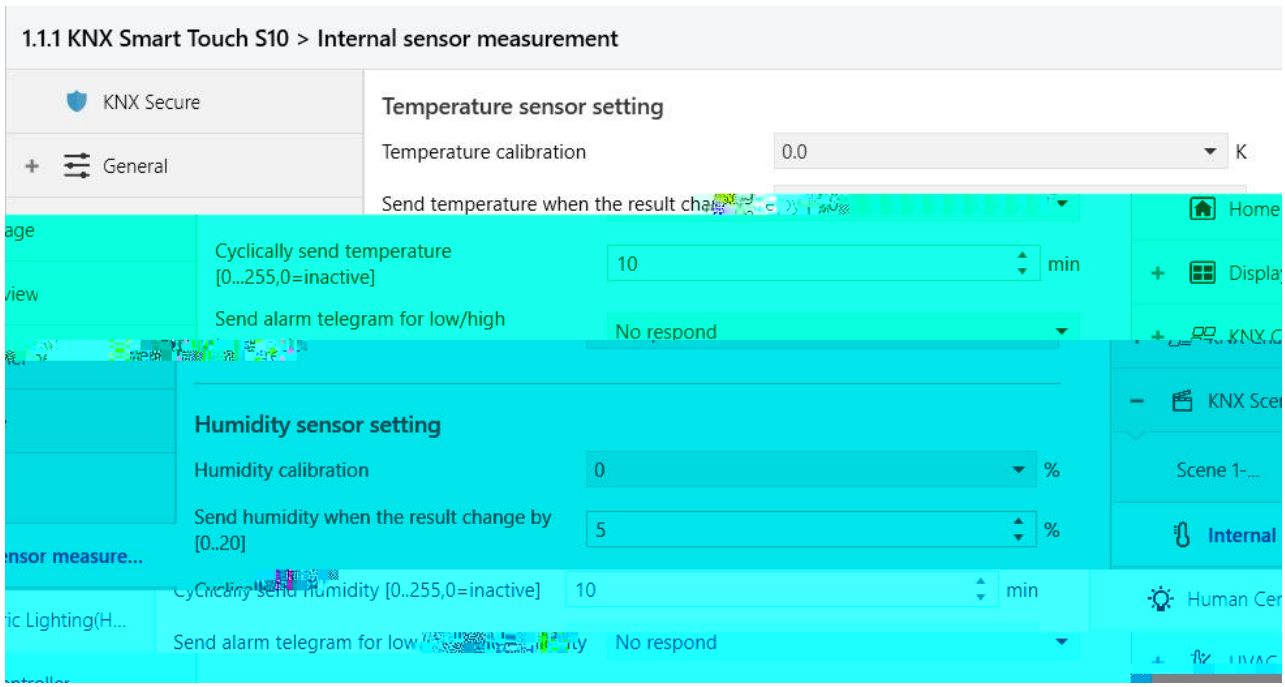

Function
I/O sensor
General
Function description (max 18 ch
Home page
Function icon
I/O signal
Display view
Icon preview
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channel 4-...
Channel 5-...
Device online status reference by
Common 2
Status text for 1-ON
ON
Status text for 0-OFF
OFF
Period for request external sensor [0...255]
0


KNX Secure
General
Home page
Display view
KNX Channel
Channel 1-...
Channel 2-...
Channel 3-...
Channe 4-...
Channe 5-...
Channe 6-...
KNX Scene
Function
Value sender
Function icon
General light
Icon preview
Device online status reference by
Always online
Reaction on short operation
TOGGLE
Object type of long operation
None
Icon display
OFF
ON



1.1.1 KNX Smart Touch S10 > KNX Scene
KNX Secure
enes (max. 30)
1
General
Home page
1
3
5
7
9

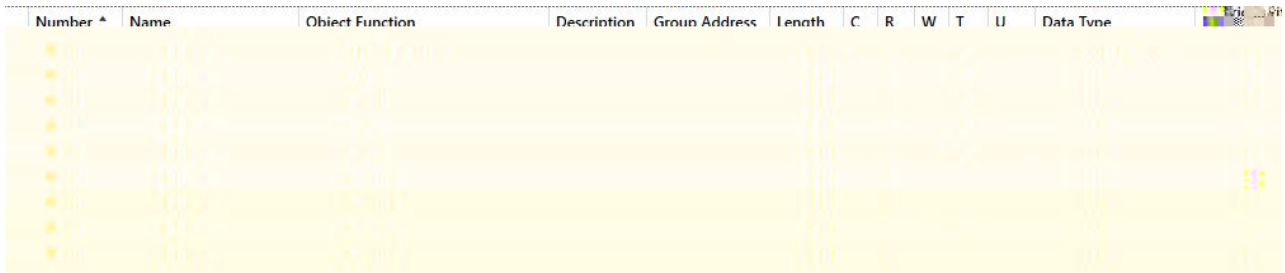

1.1.1 KNX Smart Touch S10 > KNX Scene > Scene 1-...
KNX Secure
General
Home page
Display view
KNX Channel
KNX Scene
Function image
General scene 1
Image preview


1.1.1 KNX Smart Touch S10 > Internal sensor measurement
KNX Secure
General
Temperature sensor setting
Temperature calibration
0.0
K
Send temperature when the result cha
Cyclically send temperature [0...255,0=inactive]
10
min
Send alarm telegram for low/high
No respond
Humidity sensor setting
Humidity calibration
0
%
Send humidity when the result change by [0..20]
5
%
Cyclically send humidity [0..255,0=inactive]
10
min
Send alarm telegram for low
No respond
Home
Scene 1-...
Internal
Human Cer

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
1	General	In operation			1 bit	C	R	-	T	-	switch	Low
2	General	Date			3 bytes	C	-	W	-	-	date	Low
3	General	Time			3 bytes	C	-	W	-	-	time of day	Low
4	General	Screen brightness			1 byte	C	-	W	-	-	percentage (0..100%)	Low

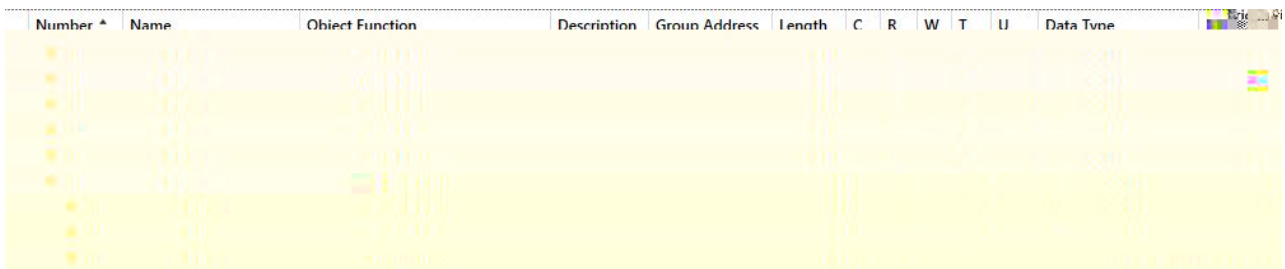
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
5	Internal sensor	Temperature value			2 bytes	C	R	-	T	-	temperature (°C)	Low
6	Internal sensor	Low temperature alarm			1 bit	C	R	-	T	-	alarm	Low
7	Internal sensor	High temperature alarm			1 bit	C	R	-	T	-	alarm	Low
8	Internal sensor	Humidity value			2 bytes	C	R	-	T	-	humidity (%)	Low
9	Internal sensor	Low humidity alarm			1 bit	C	R	-	T	-	alarm	Low
10	Internal sensor	High humidity alarm			1 bit	C	R	-	T	-	alarm	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input a			1 bit	C	-	W	T	U	boolean	Low
12	1st Logic-...	Input b			1 bit	C	-	W	T	U	boolean	Low
13	1st Logic-...	Input c			1 bit	C	-	W	T	U	boolean	Low
14	1st Logic-...	Input d			1 bit	C	-	W	T	U	boolean	Low
15	1st Logic-...	Input e			1 bit	C	-	W	T	U	boolean	Low
16	1st Logic-...	Input f			1 bit	C	-	W	T	U	boolean	Low
17	1st Logic-...	Input g			1 bit	C	-	W	T	U	boolean	Low
18	1st Logic-...	Input h			1 bit	C	-	W	T	U	boolean	Low
19	1st Logic-...	Logic result			1 bit	C	-	-	T	-	boolean	Low


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

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Threshold value input			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
19	1st Logic-...	gic result			1 bit	C	-	-	T	-	boolean	Low

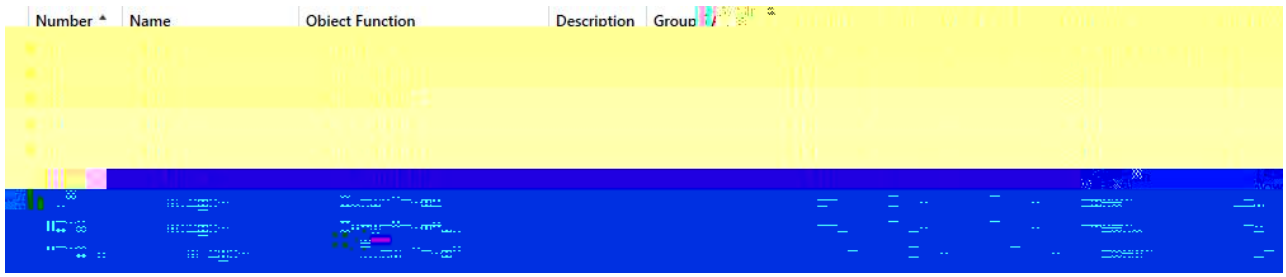
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input 1bit-bit0			1 bit	C	-	W	-	U	boolean	Low
12	1st Logic-...	Input 1bit-bit1			1 bit	C	-	W	-	U	boolean	Low
19	1st Logic-...	Output 2bit			2 bit	C	-	-	T	-	switch control	Low



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

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input 1byte-low			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
12	1st Logic-...	Input 1byte-high			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
19	1st Logic-...	Output 2byte			2 bytes	C	-	-	T	-	pulses	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input 2byte-low			2 bytes	C	-	W	-	U	pulses	Low
12	1st Logic-...	Input 2byte-high			2 bytes	C	-	W	-	U	pulses	Low
19	1st Logic-...	Output 4byte			4 bytes	C	-	-	T	-	counter pulses (unsign...	Low



Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input 2byte			2 bytes	C	-	W	-	U	pulses	Low
18	1st Logic-...	Output 1byte-low			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
19	1st Logic-...	Output 1byte-high			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input 4byte			4 bytes	C	-	W	-	U	counter pulses (unsign...	Low
18	1st Logic-...	Output 2byte-low			2 bytes	C	-	-	T	-	pulses	Low
19	1st Logic-...	Output 2byte-high			2 bytes	C	-	-	T	-	pulses	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input 3byte			3 bytes	C	-	W	-	U	RGB value 3x(0..255)	Low
17	1st Logic-...	Output 1byte-low			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
18	1st Logic-...	Output 1byte-middle			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
19	1st Logic-...	Output 1byte-high			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input 1byte-low			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
12	1st Logic-...	Input 1byte-middle			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
13	1st Logic-...	Input 1byte-high			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
19	1st Logic-...	Output 3byte			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input			1 bit	C		W			switch	Low

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

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input			1 byte	C	-	W	-	-	percentage (0..100%)	Low
19	1st Logic-...	Output			1 byte	C	-	-	T	-	percentage (0..100%)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input			1 byte	C	-	W	-	-	counter pulses (0..255)	Low
19	1st Logic-...	Output			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
11	1st Logic-...	Input			2 bytes	C	-	W	-	-	temperature (°C)	Low
19	1st Logic-...	Output			2 bytes	C	-	-	T	-	temperature (°C)	Low

Number

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

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
83	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene number	Low
84	1st Scene Group-Output 1	1byte unsigned value			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

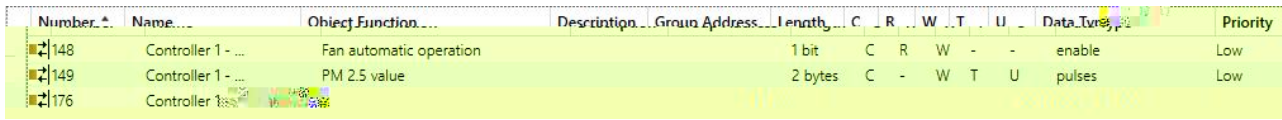
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
83	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene number	Low
84	1st Scene Group-Output 1	HVAC mode			1 byte	C	-	-	T	-	HVAC mode	Low

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

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
83	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene number	Low
84	1st Scene Group-Output 1	Temperature			2 bytes	C	-	-	T	-	temperature (°C)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
83	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene number	Low
84	1st Scene Group-Output 1	RGB value			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low

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



Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
148	Controller 1 - ...	Fan automatic operation			1 bit	C	R	W	-	-	enable	Low
149	Controller 1 - ...	PM 2.5 value			2 bytes	C	-	W	T	U	pulses	Low
176	Controller 1											

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
358	Human Centric Lighting(...	Start HCL			1 bit	C	-	W	-	-	start/stop	Low
359	Human Centric Lighting(...	HCL status			1 bit	C	R	-	T	-	state	Low
360	Human Centric Lighting(...	Brightness value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
361	Human Centric Lighting(...	Colour temperature value			2 bytes	C	-	-	T	-	absolute colour tempe...	Low
364	Human Centric Lighting(...	Switch control			1 bit	C	-	W	-	-	switch	Low
365	Human Centric Lighting(...	Brightness control value			1 byte	C	-	W	-	-	percentage (0..100%)	Low
366	Human Centric Lighting(...	Colour temperature control value			2 bytes	C	-	W	-	-	absolute colour tempe...	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
369	Schedule 1-...	On/Off			1 bit	C	-	-	T	-	switch	Low
370	Schedule 1-...	Disable/Enable			1 bit	C	-	W	-	-	enable	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
369	Schedule 1-...	1byte unsigned value			1 byte	C	-	-	T	-	counter pulses (0..255)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
369	Schedule 1-...											

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
369	Schedule 1-...	Scene control			1 byte	C	-	-	T	-	scene number	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
369	Schedule 1-...	Temperature value			2 bytes	C	-	-	T	-	temperature (°C)	Low

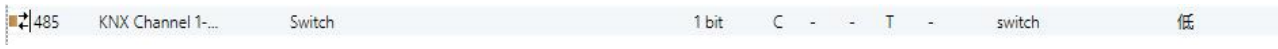
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
401	Alarm 1-...	Alarm acknowledge			1 bit	C	-	-	T	-	acknowledge	Low
402	Alarm 1-...	Alarm message			14 bytes	C	-	W	-	-	Character String (ISO 8...	Low
403	Alarm 1-...	Alarm input			1 bit	C	-	W	T	U	alarm	Low

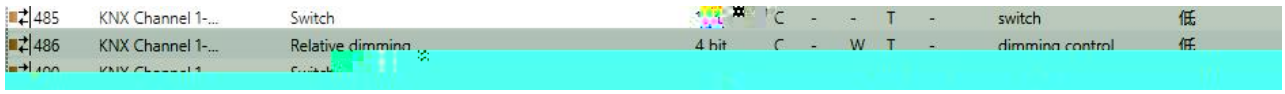
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
473	KNX Channel general	Device online common 1, status			1 bit	C	-	W	T	U	switch	Low

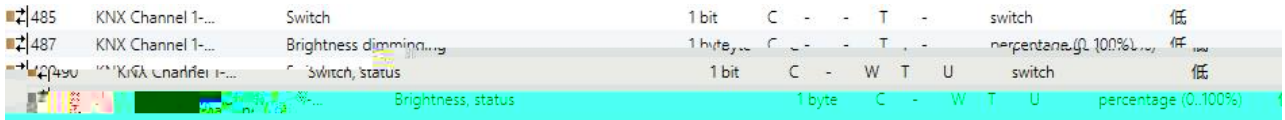
Number	Name	escription	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX			1 bit	C	-	W	T	U	switch	Low
484				1 bit	C	-	W	-	-	enable	Low

. 1 ;

485
KNX Channel 1-...
Switch
1 bit
C - - T -
switch
低


485
KNX Channel 1-...
Switch
1 bit
C - - T -
switch
低


485 KNX Channel 1-... Switch C - - T - switch 低
486 KNX Channel 1-... Relative dimming 4 bit C - W T - dimming control 低


485 KNX Channel 1-... Switch 1 bit C - - T - switch 低
487 KNX Channel 1-... Brightness dimming... C - - T - percentage (0..100%) 低
Switch, status 1 bit C - W T U switch 低
Brightness, status 1 byte C - W T U percentage (0..100%)

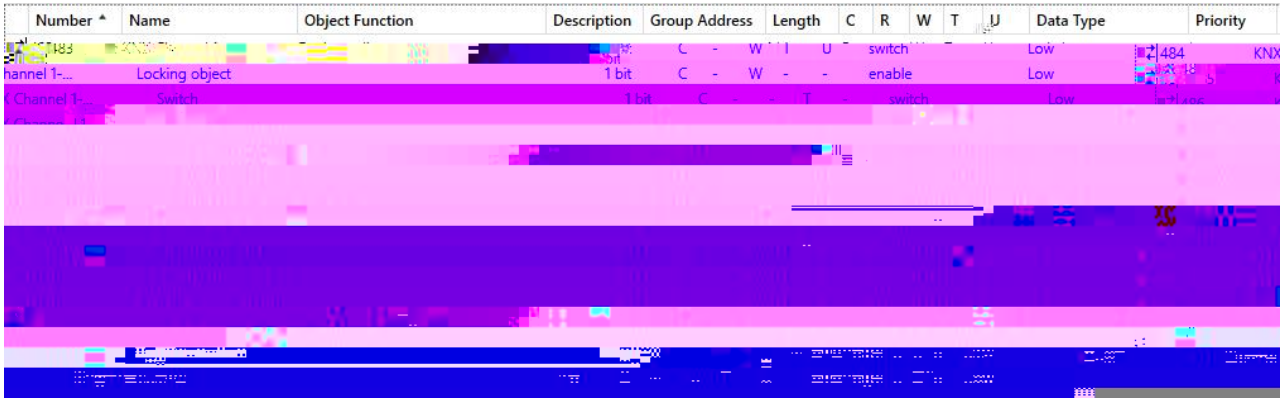
485 KNX Channel 1-... Switch 1 bit C - - T - switch 低
486 KNX Channel 1-... Relative dimming 4 bit C - - T - dimming control 低
487 KNX Channel 1-... Brightness dimming 1 byte C - - T - percentage (0..100%) 低
490 KNX Channel 1-... Switch, status 1 bit C - W T U switch 低
491 KNX Channel 1-... Brightness, status 1 byte C - W T U percentage (0..100%) 低

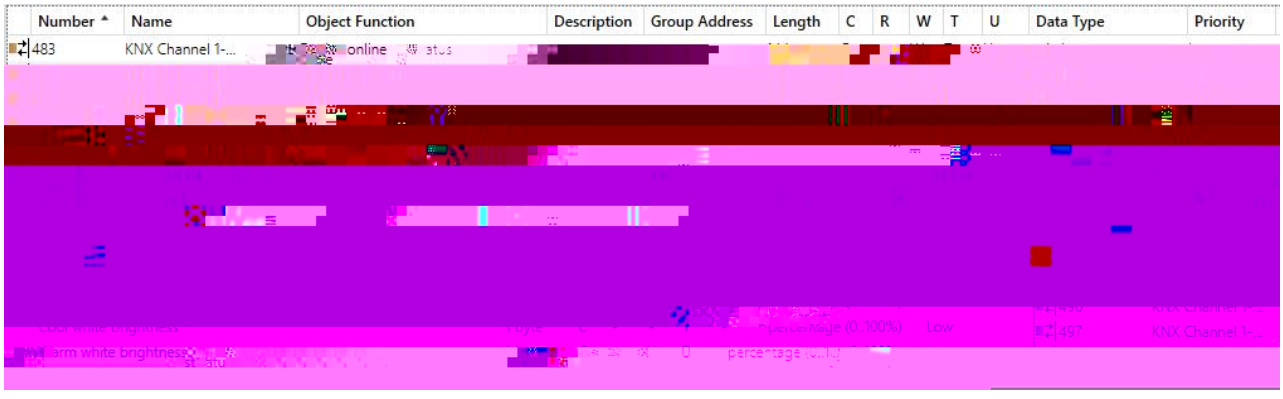
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Switch			1 bit	C	-	-	T	-	switch	Low
486	KNX Channel 1-...	Red dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
487	KNX Channel 1-...	Green dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
488	KNX Channel 1-...	Blue dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
490	KNX Channel 1-...	Switch, status			1 bit	C	-	W	T	U	switch	Low
491	KNX Channel 1-...	Red brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Switch			1 bit	C	-	-	T	-	switch	Low
486	KNX Channel 1-...	RGB dimming value			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low
490	KNX Channel 1-...	Switch, status			1 bit	C	-	W	T	U	switch	Low
491	KNX Channel 1-...	RGB brightness, status			3 bytes	C	-	W	T	U	RGB value 3x(0..255)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Switch			1 bit	C	-	-	T	-	switch	Low
486	KNX Channel 1-...	Red dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
487	KNX Channel 1-...	Green dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
488	KNX Channel 1-...	Blue dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
489	KNX Channel 1-...	White dimming value			1 byte	C	-	-	T	-	percentage (0..100%)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Switch			1 bit	C	-	-	T	-	switch	Low
486	KNX Channel 1-...	RGBW dimming value			6 bytes	C	-	-	T	-	RGBW value 4x(0..100%)	Low
490	KNX Channel 1-...	Switch, status			1 bit	C	-	W	T	U	switch	Low
491	KNX Channel 1-...	RGBW brightness, status			6 bytes	C	-	W	T	U	RGBW value 4x(0..100%)	Low





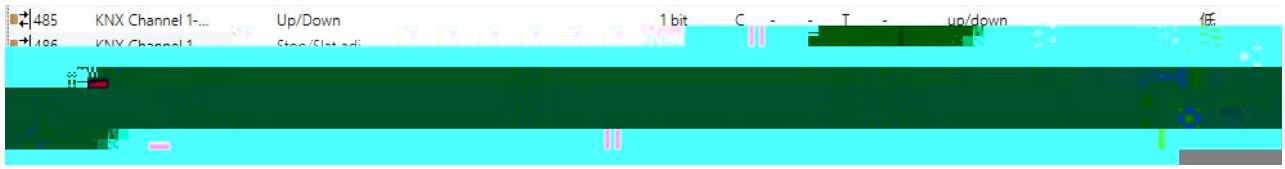
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Switch			1 bit	C	-	-	T	-	switch	Low
486	KNX Channel 1-...	RGB dimming value			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low
489	KNX Channel 1-...	Absolute colour temperature			2 bytes	C	-	-	T	-	absolute colour tempe...	Low
490	KNX Channel 1-...	Switch, status			1 bit	C	-	W	T	U	switch	Low
491	KNX Channel 1-...	RGB brightness, status			3 bytes	C	-	W	T	U	RGB value 3x(0..255)	Low
494	KNX Channel 1-...	Absolute colour temperature, status										

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Switch			1 bit	C	-	-	T	-	switch	Low
486	KNX Channel 1-...	RGB dimming value			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low
490	KNX Channel 1-...	Switch, status			1 bit	C	-	W	T	U	switch	Low
491	KNX Channel 1-...	RGB brightness, status			3 bytes	C	-	W	T	U	RGB value 3x(0..255)	Low
494	KNX Channel 1-...	Absolute colour temperature, status			2 bytes	C	-	W	T	U	absolute colour tempe...	Low
495	KNX Channel 1-...	Warm white brightness			1 byte	C	-	-	T	-	percentage (0..100%)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Switch			1 bit	C	-	-	T	-	switch	Low
486	KNX Channel 1-...	RGB dimming value			3 bytes	C	-	-	T	-	RGB value 3x(0..255)	Low
490	KNX Channel 1-...	Switch, status			1 bit	C	-	W	T	U	switch	Low
491	KNX Channel 1-...	RGB brightness, status			3 bytes	C	-	W	T	U	RGB value 3x(0..255)	Low
494	KNX Channel 1-...	Absolute colour temperature, status			2 bytes	C	-	W	T	U	absolute colour tempe...	Low
495	KNX Channel 1-...	Warm white brightness			1 byte	C	-	-	T	-	percentage (0..100%)	Low
496	KNX Channel 1-...	Cool white brightness			1 byte	C	-	-	T	-	percentage (0..100%)	Low
497	KNX Channel 1-...	Warm white brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low
498	KNX Channel 1-...	Cool white brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Switch			1 bit	C	-	-	T	-	switch	Low
490	KNX Channel 1-...	Switch, status			1 bit	C	-	W	T	U	switch	Low
494	KNX Channel 1-...	Absolute colour temperature, status			2 bytes	C	-	W	T	U	absolute colour tempe...	Low
495	KNX Channel 1-...	Warm white brightness			1 byte	C	-	-	T	-	percentage (0..100%)	Low
496	KNX Channel 1-...	Cool white brightness			1 byte	C	-	-	T	-	percentage (0..100%)	Low
497	KNX Channel 1-...	Warm white brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	低
498	KNX Channel 1-...	Cool white brightness, status			1 byte	C	-	W	T	U	percentage (0..100%)	低

485	KNX Channel 1-...	Up/Down	1 bit	C	-	-	T	-	up/down	低
486	KNX Channel 1-...	Stop	1 bit	C	-	-	T	-	step	低
487	KNX Channel 1-...	Blind position	1 byte	C	-	-	T	-	percentage (0..100%)	低
490	KNX Channel 1-...	Blind position, status	1 byte	C	-	W	T	U	percentage (0..100%)	低


485 KNX Channel 1-... Up/Down 1 bit C - - T - up/down 低

485 KNX Channel 1-... Open/Close 1 bit C - - T - 低

485 KNX Channel 1-... Up/Down 1 bit C - - T - up/down 低

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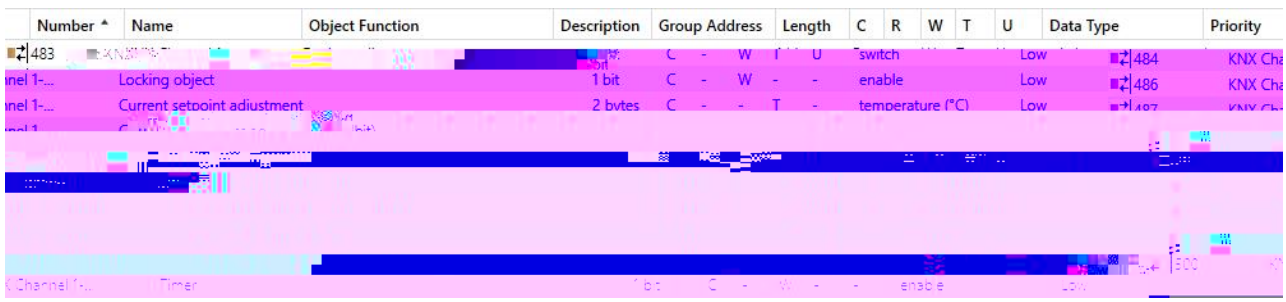
485	KNX Channel 1-...	Power on/off	1 bit	C	-	-	T	-	switch	低			
486	KNX Channel 1-...	Current setpoint adjustment	1 byte	C	-	-	T	-	counter pulses (0..255)	低			
488	KNX Channel 1-...	Fan speed	1 byte	C	-	-	T	-	percentage (0..100%)	低			
489	KNX Channel 1-...	Vanes swing (1-swing,0-stop)	1 bit	C	-	-	T	-	start/stop	低			
491	KNX Channel 1-...	Control mode	1 byte	C	-	-	T	-	HVAC control mode	低			
[illegible]	KNX Channel 1-...	Power on/off, status	1 bit	C	-	W	T	U	switch	低			
493	KNX Channel 1-...	External temperature sensor	2 bytes	C	-	W	T	U	temperature (°C)	低			
494	KNX Channel 1-...	Current temperature setpoint, [illegible]	1 byte	C	-	W	T	U	counter pulses (0..255)	低			
496	KNX Chann [illegible]	Fan speed, status	1 byte	C	-	W	T	U	percentage (0..100%)	低			
497	KNX Channel 1-...	Vanes swing (1-swing,0-stop), status	1 bit	C	-	W	T	U	start/stop	低			
[illegible]	KNX Channel 1-...	Control mode, status	1 byte	C	-	W	T	U	HVAC control mode	低			
500	KNX Channel 1-...	Timer	1 bit	C	-	W	-	-	enable	低			



Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483			bit	C	-	W	T	U	switch		Low	484 KNX Cha
nel 1-...	Locking object		1 bit	C	-	W	-	-	enable		Low	486 KNX Cha
nel 1-...	Current setpoint adjustment		2 bytes	C	-	-	T	-	temperature (°C)		Low	487 KNX Cha
Channel 1-...	Timer		bit	C	-	W	-	-	enable		Low	500

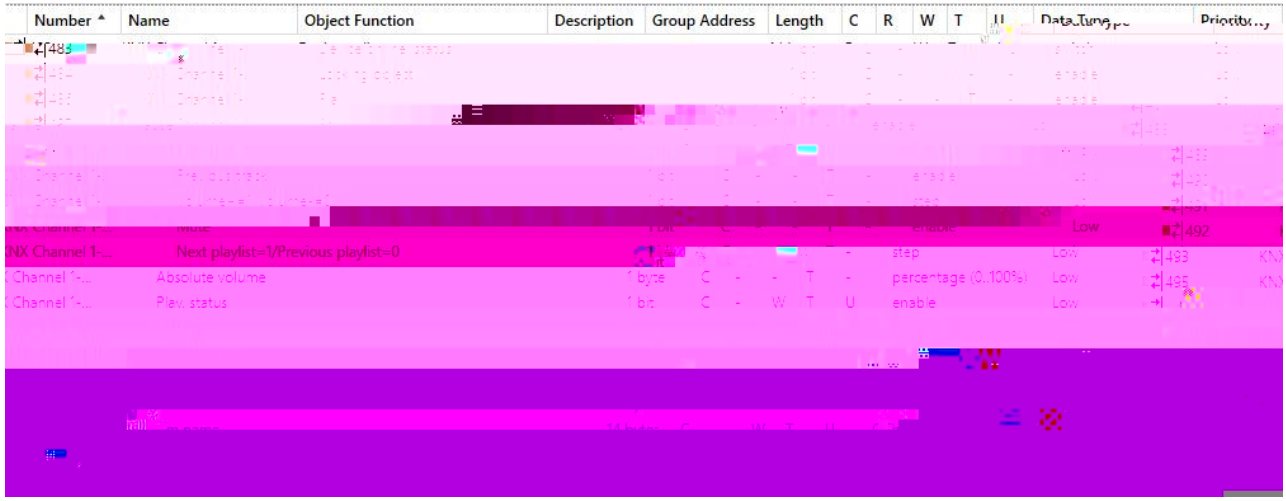
Number	Name	Object Function	Description	Group
488	KNX Channel 1-...	Current setpoint		
	KNX Channel 1-...	Fan speed, status		1 byte C - W T U percentage (0..100%) Low

Number	Name	Object Function	Description	Group
485	KNX Channel 1-...	Power on/off		1 bit C - - T - switch Low
486	KNX Channel 1-...	Current setpoint adjustment		2 bytes C - - T - temperature (°C) Low
487	KNX Channel 1-...	Current setpoint adjustment(1bit)		1 bit C - - T - step Low
488	KNX Channel 1-...			

Number	Name	Object Function	Description	Group Address	Length	C	R		U	Data Type	Priority
483	KNX Cha...										

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Power on/off			1 bit	C	-	-	T	-	switch	Low
486	KNX Channel 1-...	Filter timer counter			2 bytes	C	-	-	T	-	time (h)	Low
487	KNX Channel 1-...	Filter alarm			1 bit	C	-	-	T	-	alarm	Low
488	KNX Channel 1-...	Fan speed			1 byte	C	-	-	T	-	percentage (0..100%)	Low
489	KNX Channel 1-...	Fan automatic operation			1 bit	C	-	-	T	-	enable	Low
490	KNX Channel 1-...	Heat recovery			1 bit	C	-	-	T	-	enable	Low
492	KNX Channel 1-...	Power on/off, status			1 bit	C	-	W	-	-	switch	Low
493	KNX Channel 1-...	Filter timer counter change			2 bytes	C	-	W	-	-	time (h)	Low
494	KNX Channel 1-...	PM 2.5										

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
486	KNX Channel 1-...	Play			1 bit	C	-	[illegible]		-	enable	Low
487	KNX Channel 1-...	Pause			1 bit	C	-	-	T	-	enable	Low
488	KNX Channel 1-...	Next track			1 bit	C	-	-	T	-	enable	Low
489	KNX Channel 1-...	Previous track			1 bit	C	-	-	T	-	enable	Low
490	KNX Channel 1-...	Volume+=1/Volume-=0			1 bit	C	-	-	T	-	step	Low
491	KNX Channel 1-...	Mute			1 bit	C	-	-	T	-	enable	Low
493	KNX Channel 1-...	Play mode			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
495	KNX Channel 1-...	Play, status			1 bit	C	-	W	T	U	enable	Low
496	KNX Channel 1-...	Pause, status			1 bit	C	-	W	T	U	enable	Low
498	KNX Channel 1-...	Mute, status			1 bit	C	-	W	T	U	enable	Low
499	KNX Channel 1-...	Play mode, status			1 byte	C	-	W	T	U	counter pulses (0..255)	Low


Number
Name
Object Function
Description
Group Address
Length
C
R
W
T
U
Data Type
Priority
Next playlist=1/Previous playlist=0
Absolute volume
Play status
Low
step
percentage (0..100%)
enable

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
487	KNX Channel 1-...	Power value			2 bytes	C	-	W	T	U	power (kW)	Low
488	KNX Channel 1-...	Energy value			4 bytes	C	-	W	T	U	active energy (kWh)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...	Current value			2 bytes	C	-	W	T	U	current (mA)	Low
487	KNX Channel 1-...	Power value			2 bytes	C	-	W	T	U	power (kW)	Low
488	KNX Channel 1-...	Energy value			4 bytes	C	-	W	T	U	active energy (kWh)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device [illegible]e, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...	Temperature value			2 byte	C	-	W	T	U	temperature (°C)	Low
486	KNX Channel 1-...	Low temperature alarm			1 bit	C	R	-	T	-	alarm	Low
487	KNX Channel 1-...	High temperature alarm			1 bit	C	R	-	T	-	alarm	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...	Humidity value			2 bytes	C	-	W	T	U	humidity (%	Low
486	KNX Channel 1-...	Low humidity alarm			1 bit	C	R	-	T	-	alarm	Low
487	KNX Channel 1-...	High humidity alarm			1 bit	C	R	-	T	-	alarm	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...	PM2.5 value			2 bytes	C	-	W	T	U	pulses	Low
486	KNX Channel 1-...	PM2.5 alarm			1 bit	C	R	-	T	-	alarm	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...	PM10 value			2 bytes	C	-	W	T	U	pulses	Low
486	KNX Channel 1-...	PM10 alarm			1 bit	C	R	-	T	-	alarm	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...				2 bytes	C	-	W	T	U	pulses	Low
486	KNX Channel 1-...	VOC alarm			1 bit	C	R	-	T	-	alarm	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...	AQI value			2 bytes	C	-	W	T	U	pulses	Low
486	KNX Channel 1-...	AQI alarm			1 bit	C	R	-	T	-	alarm	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...	CO2 value			2 bytes	C	-	W	T	U	parts/million (ppm)	Low
486	KNX Channel 1-...	CO2 alarm			1 bit	C	R	-	T	-	alarm	Low

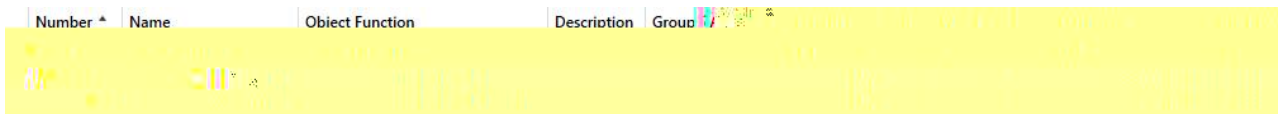
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
483	KNX Channel 1-...	Device online, status			1 bit	C	-	W	T	U	switch	Low
485	KNX Channel 1-...	Brightness value(lux)			2 bytes	C	-	W	T	U	lux (Lux)	Low

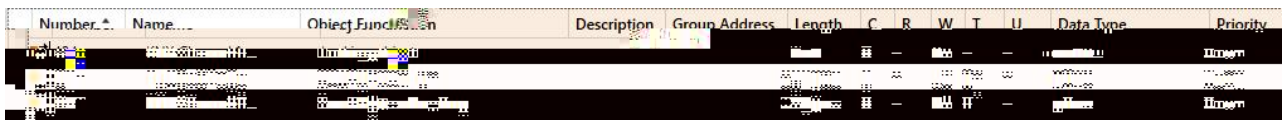
Number	Name	Object Function	Description	Group

Number	Name	Object Function	Description	Group
483	KNX Channel 1-...	Device online, status		
485	KNX Channel 1-...	I/O signal		

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Send 1bit value			1 bit	C	-	W	T	-	switch	Low
487	KNX Channel 1-...	Send 1bit value, long			1 bit	C	-	W	T	-	switch	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Send 4bit value			4 bit	C	-	W	T	-	dimming control	Low
487	KNX Channel 1-...	Send 4bit value, long			4 bit	C	-	W	T	-	dimming control	Low





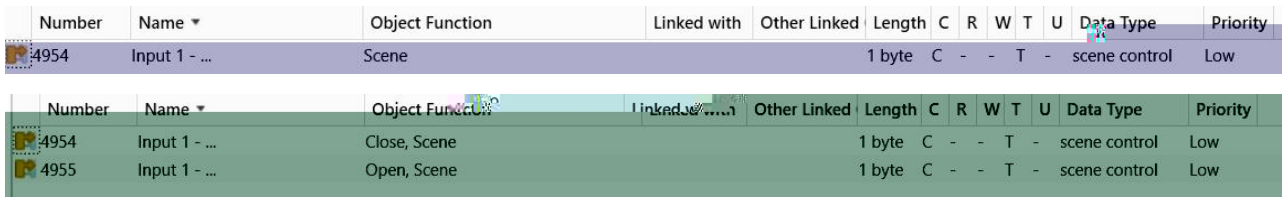
Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Send 2byte float value			2 bytes	C	-	W	T	-	2-byte float value	Low
487	KNX Channel 1-...	Send 2byte float value, long			2 bytes	C	-	W	T	-	2-byte float value	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
484	KNX Channel 1-...	Locking object			1 bit	C	-	W	-	-	enable	Low
485	KNX Channel 1-...	Send 4byte float value			4 bytes	C	-	W	T	-	4-byte float value	Low
487	KNX Channel 1-...	Send 4byte float value, long			4 bytes	C	-	W	T	-	4-byte float value	Low

Number	Name	Object Function	Linked with	Other Linked	Length	C	R	W	T	U	Data Type	Priority
923	Scene 1-...	Scene			byte	C	-	W	T	-	scene con...	Low

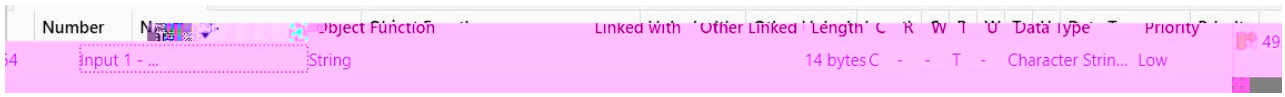
Number	Name	Object Function	Linked with	Other Linked	Length	C	R	W	T	U	Data Type	Priority
4953	Input 1 - ...	Disable			1 bit	C	-	W	-	-	Enable	Low

Number	Name	Object Function	Linked with	Other Linked	Length	C	R	W	T	U	Data Type	Priority
4954	Input 1 - ...	Actual temperature, Sensor			2 bytes	C	R	-	T	-	temperature (°C)	Low



Number	Name	Object Function	Linked with	Other Linked	Length	C	R	W	T	U	Data Type	Priority
4954	Input 1 - ...	Scene			1 byte	C	-	-	T	-	scene control	Low

Number	Name	Object Function	Linked with	Other Linked	Length	C	R	W	T	U	Data Type	Priority
4954	Input 1 - ...	Close, Scene			1 byte	C	-	-	T	-	scene control	Low
4955	Input 1 - ...	Open, Scene			1 byte	C	-	-	T	-	scene control	Low


Number
Object Function
Linked With
Other Linked
Length
Data Type
Priority
Input 1 - ...
String
14 bytes
Character Strin...
Low

Number	Name	Object Function	Linked with	Other Linked	Length	C	R	W	T	U	Data Type	Priority
4954	Input 1 - ...	Security area status			1 byte	C	-	-	T	-	counter pulses (...	Low

4977	Extension function	Screen locking	1 bit	C	-	W	-	-	enable	Low
4978	Extension function	Screen on/off	1 bit	C	-	W	-	-	switch	Low
4979	Extension function	Wake-up screen trigger,1bit value	1 bit	C	-	-	T	-	switch	Low
4982	Extension function	Night mode	1 bit	C	R	-	T	-	day/night	Low
4983	Extension function	Summer time status	1 bit	C	-	-	T	-	enable	Low
4984	Extension function	Dis/En Proximity function	1 bit	C	-	W	-	-	enable	Low
4985	Extension function	Proximity input	1 bit	C	-	W	-	-	switch	Low
4986	Extension function	Proximity output	1 bit	C	-	-	T	-	switch	Low