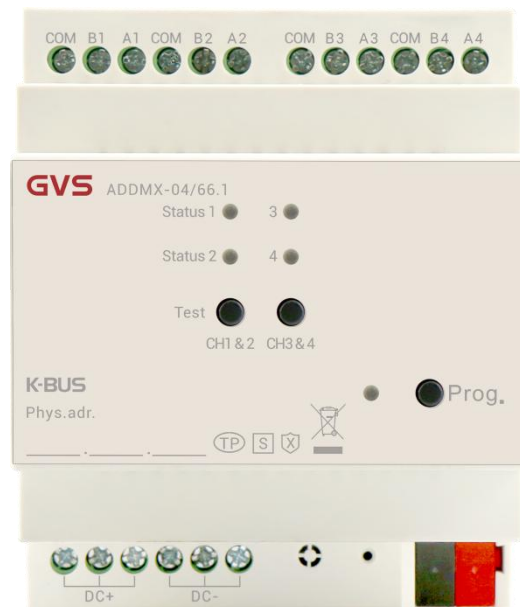
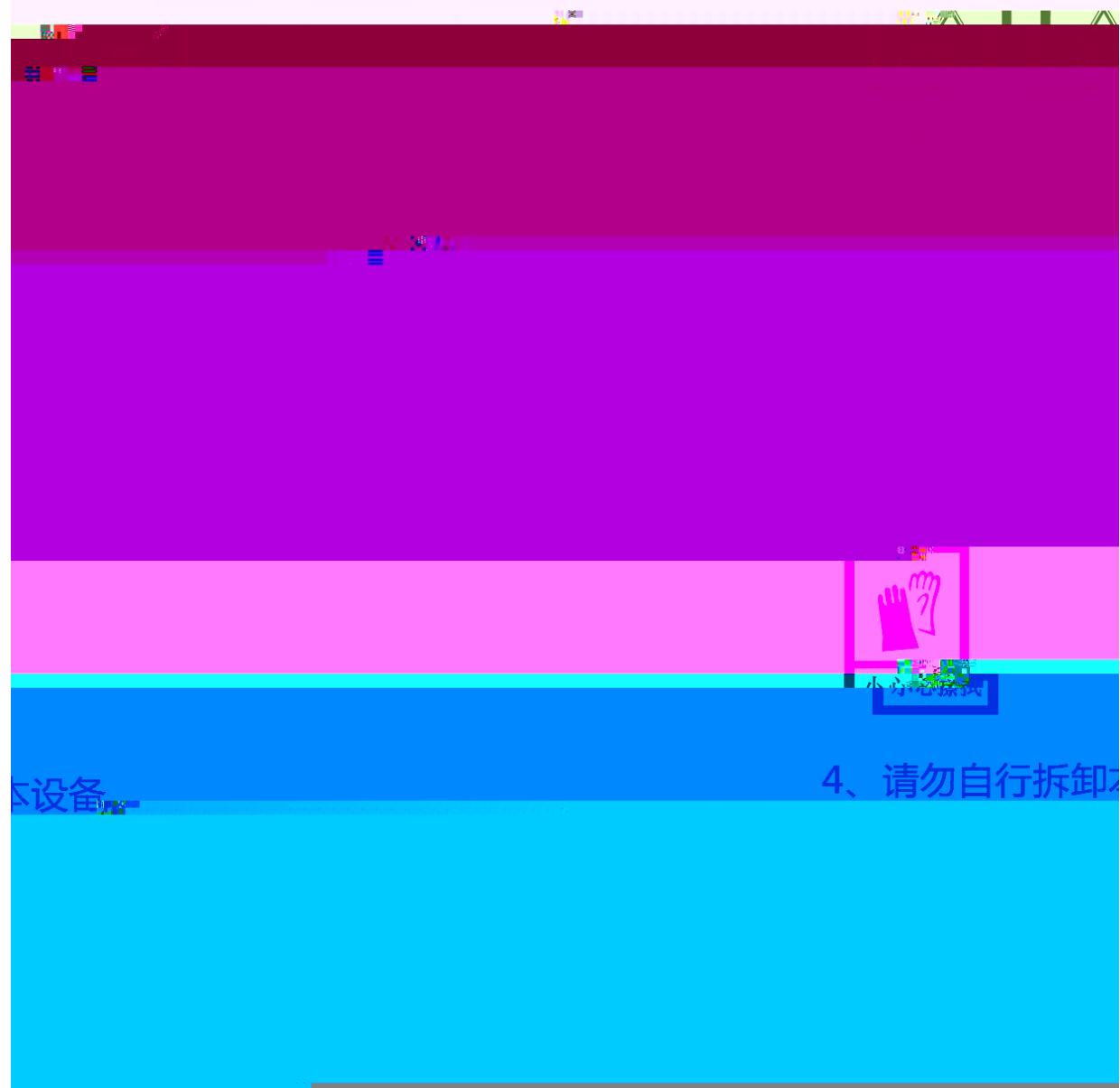


K-BUS



注意事项

1、请远离强磁场、高温、潮湿等环境；



本设备

4、请勿自行拆卸

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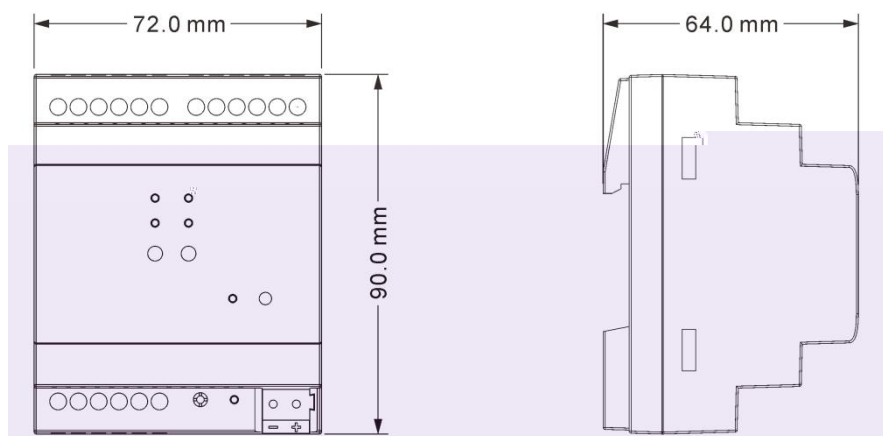
•

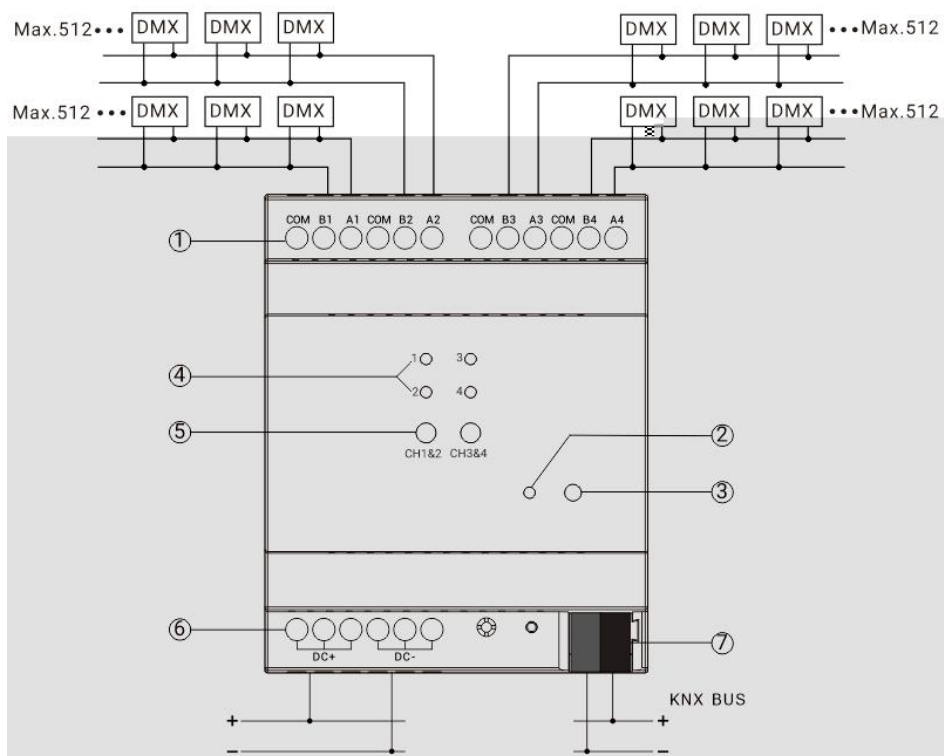
•



K-BUS

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		-		-	
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KNX Data Secure

i 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.

i ETS can active or deactivate security function. Detailed specialist knowledge is required.

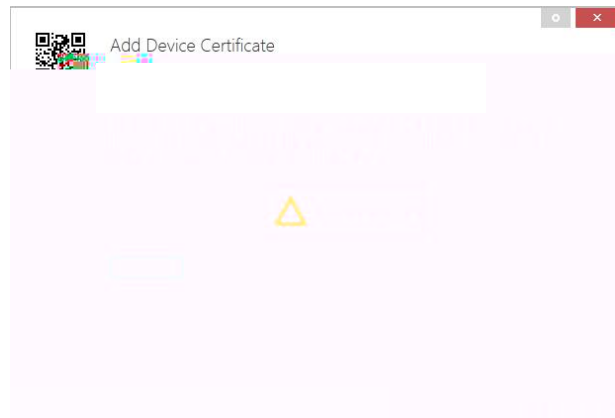
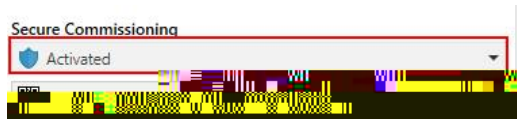
Device certificate

i The device certificate label stick called FDSK is attached beside the device, and must use for security function, make sure keep securely.

i 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.

i ETS can active or deactivate security function. Detailed specialist knowledge is required.

i The device certificate label stick called FDSK is attached beside the device, and must use for security function, make sure keep securely.



ETS

Overview

Bus

Catalogs

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Projects

Archive

ETS Inside

Test Project DMX512 Dimming Actuator, 4-Fold

Import Date: 2025-04-14

Last Modified: 2025-04-14

Total size: 102

Details

Security

Project Log

Project Files

Name

Last Modified

Status

Test Project DMX512 Dimming Actuator, 4-Fold

2025-04-14 15:54

Unknown

Export

Device Certificates

+

-

Serial Number

Factory Key (FDSK)

Device

Devices

+ Add Devices

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IX512 Dimming Actuator, 4-Fold

Name

Description

Functions

General setting

Channel A

Dimming Single

Secure Commissioning

Activated

Add Device Certificate

Status

Unknown

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Comments

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Name

DMX512 Dimming Actuator, 4-Fold

Individual Address

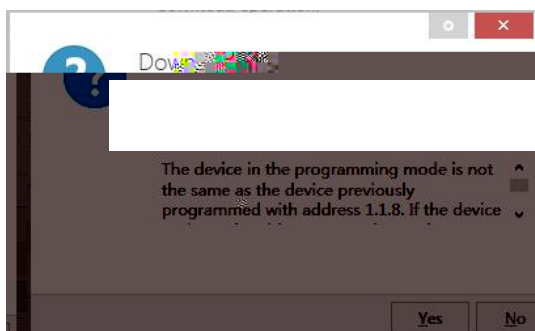
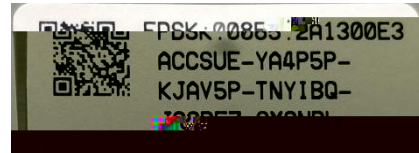
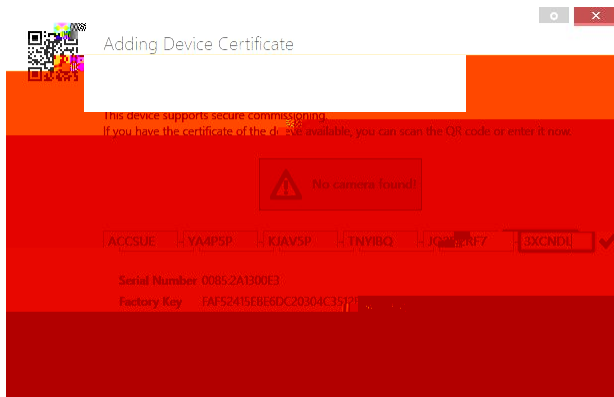
Description

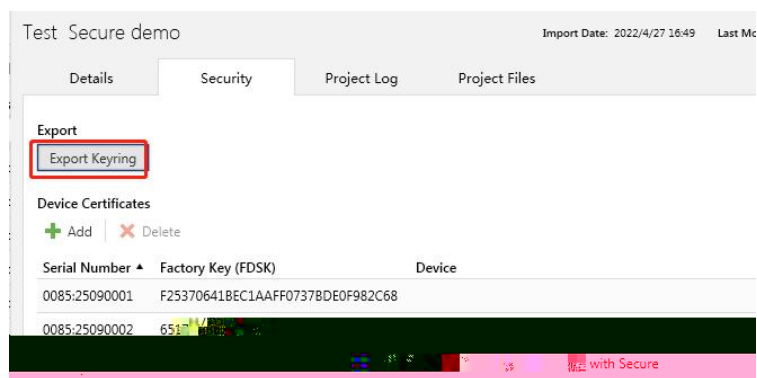
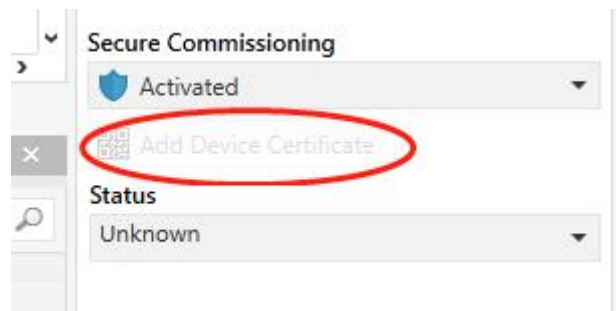
Last Modified

kgg.Downloaded

Serial Num





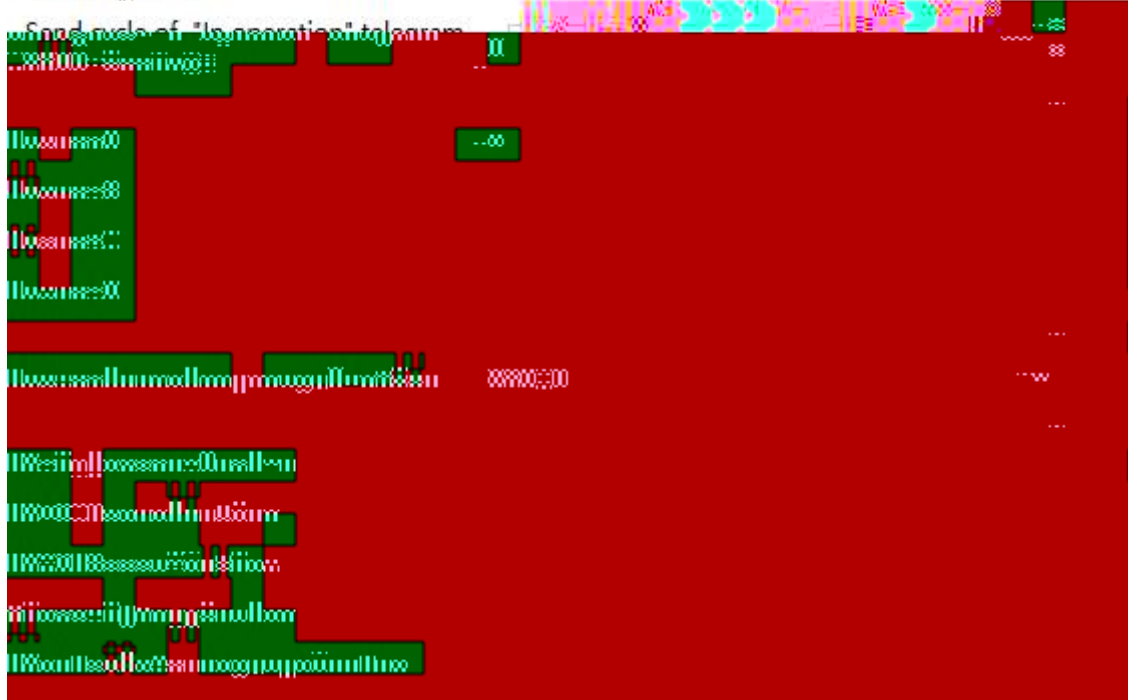


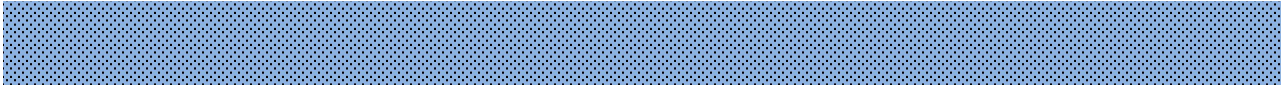
Operation and send delay after bus recovery [0..15]

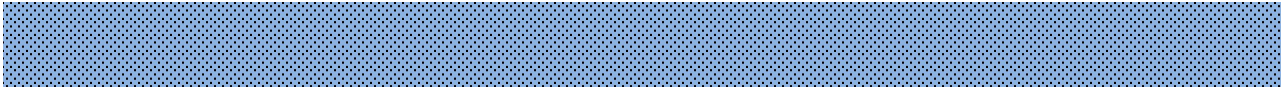
0

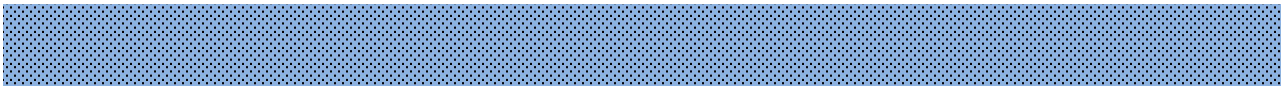
s

Send cycle of "Initialization" telegram



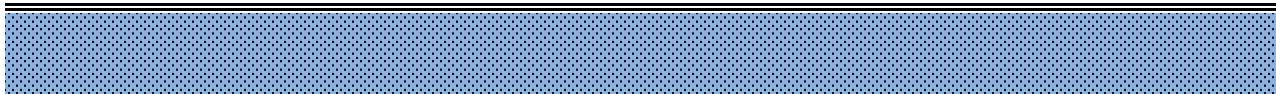


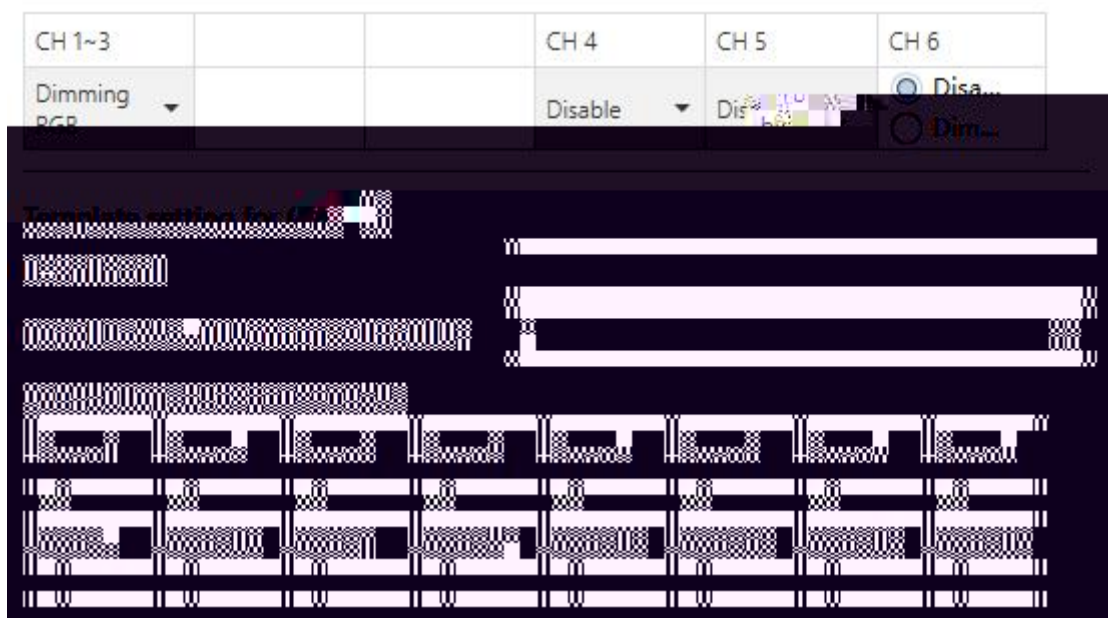






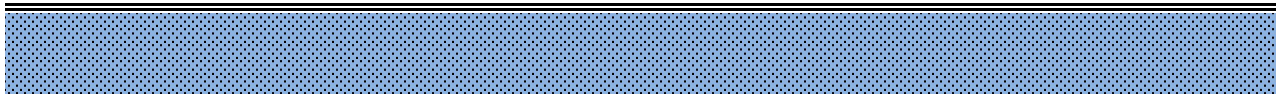
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Map function for DMX devices ☒

#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.	#	CH_No.
1	0	2	0	3	0	4	0	5	0	6	0	7	0	8	0	9	0	10	0
17	0	18	0	19	0	20	0	21	0	22	0	23	0	24	0	25	0	26	0
33	0	34	0	35	0	36	0	37	0	38	0	39	0	40	0	41	0	42	0
49	0	50	0	51	0	52	0	53	0	54	0	55	0	56	0	57	0	58	0
65	0	66	0	67	0	68	0	69	0	70	0	71	0	72	0	73	0	74	0
81	0	82	0	83	0	84	0	85	0	86	0	87	0	88	0	89	0	90	0
97	0	98	0	99	0	100	0	101	0	102	0	103	0	104	0	105	0	106	0
113	0	114	0	115	0	116	0	117	0	118	0	119	0	120	0	121	0	122	0
129	0	130	0	131	0	132	0	133	0	134	0	135	0	136	0	137	0	138	0
145	0	146	0	147	0	148	0	149	0	150	0	151	0	152	0	153	0	154	0
161	0	162	0	163	0	164	0	165	0	166	0	167	0	168	0	169	0	170	0
177	0	178	0	179	0	180	0	181	0	182	0	183	0	184	0	185	0	186	0
193	0	194	0	195	0	196	0	197	0	198	0	199	0	200	0	201	0	202	0
209	0	210	0	211	0	212	0	213	0	214	0	215	0	216	0	217	0	218	0
225	0	226	0	227	0	228	0	229	0	230	0	231	0	232	0	233	0	234	0
241	0	242	0	243	0	244	0	245	0	246	0	247	0	248	0	249	0	250	0
257	0	258	0	259	0	260	0	261	0	262	0	263	0	264	0	265	0	266	0
273	0	274	0	275	0	276	0	277	0	278	0	279	0	280	0	281	0	282	0



Description

General Dimming time
(from min. to max.)

2 s

Minimum brightness value

1 %

Maximum brightness value

100 %

Object datatype of 1byte brightness

☐ 0~100 (DPT_5.001)
 ☒ 0~255 (DPT_5.004)

Switch obj.=1

☐ Preset brightness value
 ☐ Last brightness value

Brightness value

50 %

To be the minimum brightness value

☐

Preset brightness value

50 %

Switch obj.=1

☐ Preset brightness value
 ☐ Last brightness value

Brightness value

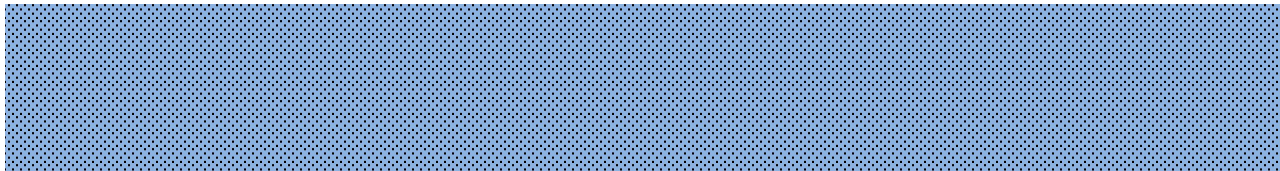
50 %

To be the minimum brightness value

☐

Preset brightness value

50 %



□ □ □ □ □ □

%



%

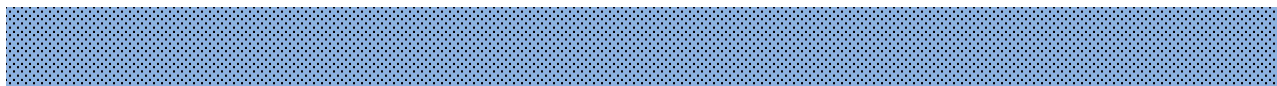


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Description			
General Dimming time (from min. to max.)	2		s
Minimum brightness value	1		%
Maximum brightness value	100		%
General colour temperature control time (from min. to max.)	2		s
Minimum colour temperature control	2700		K
Maximum colour temperature control	6500		K
Minimum physical colour temperature (refer to the technical spec. of warm white)	2700		K
Maximum physical colour temperature (refer to the technical spec. of cool white)	6500		K
Object datatype of 1 byte brightness	0~100 (DPT_5_001)	10~255 (DPT_5_004)	
Switch obj. = 1	Preset value	Last value	
Preset brightness value	100		%
Preset colour temperature value	4500		K
Switch obj. = 0	To be one minimum value	Switching off	
on for switching	☐ Jumping	☒ Dimming	Dimming mode selected on
on for switching	☐ Jumping	☒ Dimming	Dimming mode selected off
on for absolute	☐ Jumping	☒ Dimming	Dimming mode selected colour temperature
Dimming darker	☐ To be the minimum brightness value	☒ To be 0%	Switch off via relative
Dimming 0%	☐ To be the minimum brightness value	☒ To be 0%	Switch off via brightness

Behavior after download

☒ Preset brightness value ☐ Switching off

Preset brightness value

50 %

Preset colour temperature value

4500 K

Behavior after bus failure

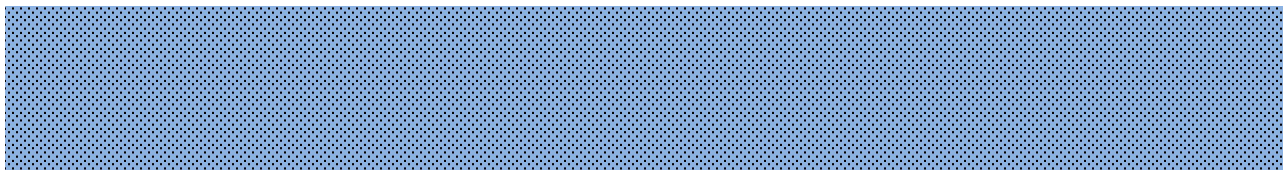
☒ Preset brightness value ☐ Unchange

Preset brightness value

50 %

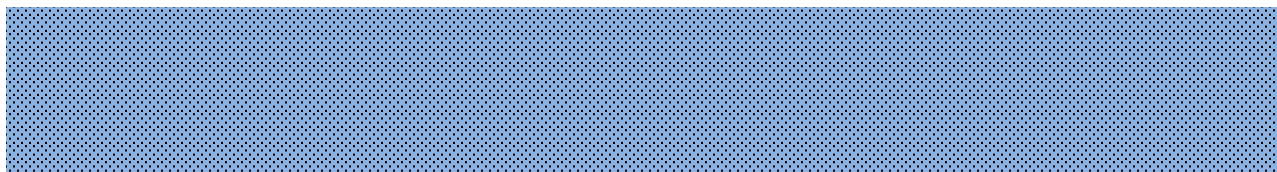
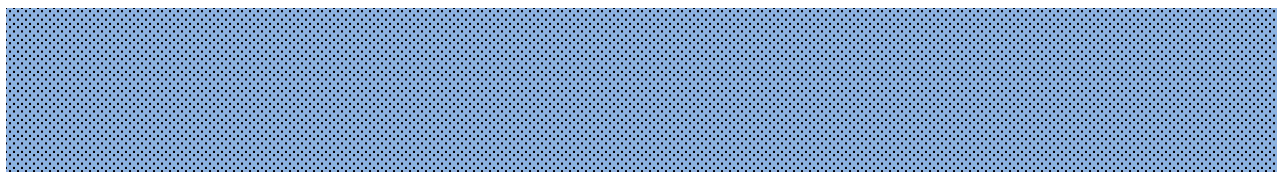
Preset colour temperature value

4500 K



%

%



Minimum colour temperature control	3000	K
Maximum colour temperature control	2000	K
Minimum physical colour temperature (refer to the technical spec. of warm white)	3100	K
Maximum physical colour temperature (refer to the technical spec. of cool white)	2000	K





%



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%



%

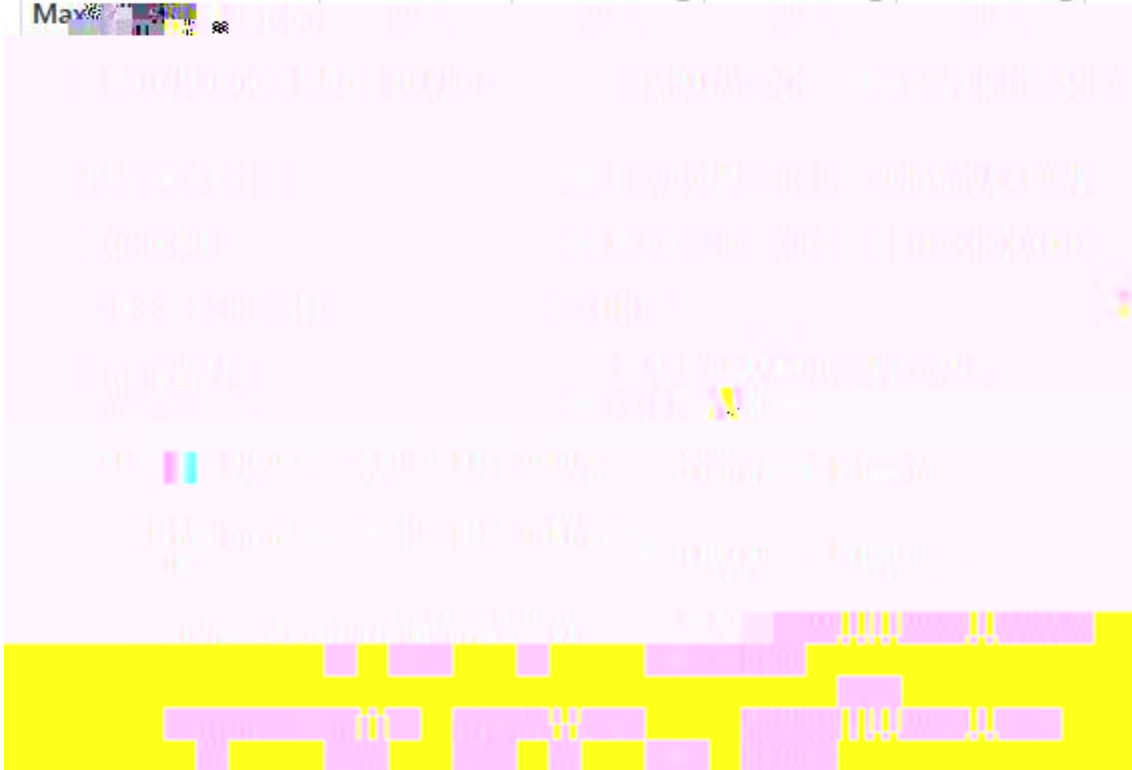
Description

General Dimming time
(from min. to max.)

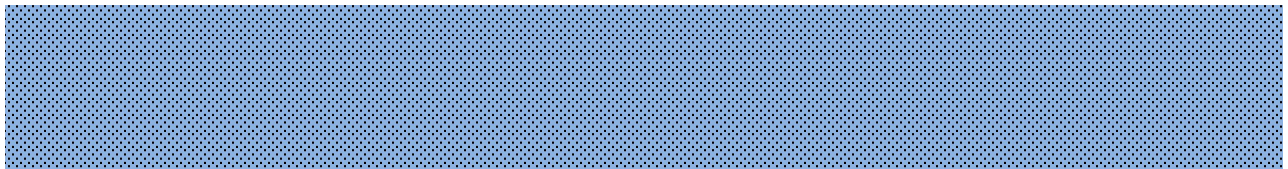
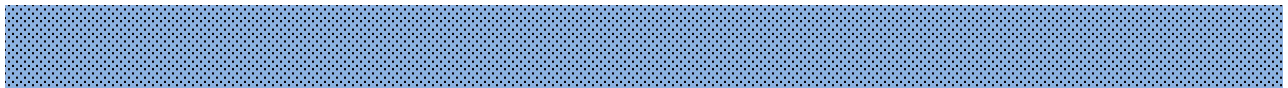
2

s

	KNX value	Output value -R	Output value -G	Output value -B
Minimum brightness	1	1	1	1
Maximum brightness	255	255	255	255



Behavior after download	
Preset colour value	☒ Preset colour value ☐ Switching off #FFFFFF
Behavior after bus failure	☒ Preset colour value ☐ Unchange #FFFFFF
Behavior after bus recovery	☒ Preset colour value ☐ Colour before bus failure #FFFFFF



% %

% %

% %

% %

% %

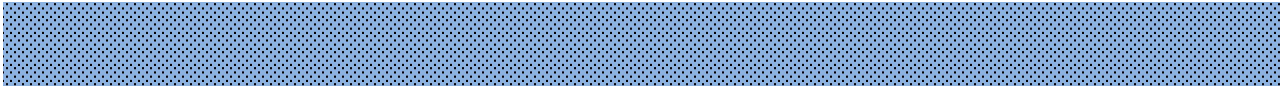
% %

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K-BUS

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Scenes	Description	Scene NO.	Brightness value	Dimming time	Delay time
Scene 1		1	50 %	4 s	0 s
Scene 2		2	50 %	4 s	0 s
Scene 3		3	50 %	4 s	0 s
Scene 4		4	50 %	4 s	0 s

Scenes	Description	Scene NO.	Brightness value	Dimming time	Delay time
Scene 1		1	50 %	4 s	0 s
Scene 2		2	50 %	4 s	0 s
Scene 3		3	50 %	4 s	0 s
Scene 4		4	50 %	4 s	0 s
Scene 5		5	50 %	4 s	0 s
Scene 6		6	50 %	4 s	0 s
Scene 7		7	50 %	4 s	0 s
Scene 8		8	50 %	4 s	0 s
Scene 9		9	50 %	4 s	0 s
Scene 10		10	50 %	4 s	0 s
Scene 11		11	50 %	4 s	0 s
Scene 12		12	50 %	4 s	0 s
Scene 13		13	50 %	4 s	0 s
Scene 14		14	50 %	4 s	0 s
Scene 15		15	50 %	4 s	0 s
Scene 16		16	50 %	4 s	0 s
Scene 17		17	50 %	4 s	0 s
Scene 18		18	50 %	4 s	0 s
Scene 19		19	50 %	4 s	0 s
Scene 20		20	50 %	4 s	0 s
Scene 21		21	50 %	4 s	0 s
Scene 22		22	50 %	4 s	0 s
Scene 23		23	50 %	4 s	0 s
Scene 24		24	50 %	4 s	0 s
Scene 25		25	50 %	4 s	0 s
Scene 26		26	50 %	4 s	0 s
Scene 27		27	50 %	4 s	0 s
Scene 28		28	50 %	4 s	0 s
Scene 29		29	50 %	4 s	0 s
Scene 30		30	50 %	4 s	0 s
Scene 31		31	50 %	4 s	0 s
Scene 32		32	50 %	4 s	0 s
Scene 33		33	50 %	4 s	0 s
Scene 34		34	50 %	4 s	0 s
Scene 35		35	50 %	4 s	0 s
Scene 36		36	50 %	4 s	0 s
Scene 37		37	50 %	4 s	0 s
Scene 38		38	50 %	4 s	0 s
Scene 39		39	50 %	4 s	0 s
Scene 40		40	50 %	4 s	0 s
Scene 41		41	50 %	4 s	0 s
Scene 42		42	50 %	4 s	0 s
Scene 43		43	50 %	4 s	0 s
Scene 44		44	50 %	4 s	0 s
Scene 45		45	50 %	4 s	0 s
Scene 46		46	50 %	4 s	0 s
Scene 47		47	50 %	4 s	0 s
Scene 48		48	50 %	4 s	0 s
Scene 49		49	50 %	4 s	0 s
Scene 50		50	50 %	4 s	0 s

Scenes	Description	Scene NO.	Brightness value	Dimming time	Delay time
Scene 1		01	NA	NA	NA



Exist multiple scene NO. assignment conflict, the valid scene NO. can't be the same, please correct, otherwise only the first one of those conflict scene is valid and others will be ignored

%

Scenes	Description	Scene NO.	Brightness control	Brightness value	Colour control	Colour temp.	Dimming time	Delay time
Scene 1		1	☒	50 %	☒	2700 K	4 s	0 s
Scene 2		2	☒	50 %	☒	2700 K	4 s	0 s
Scene 3		3	☒	50 %	☒	2700 K	4 s	0 s
Scene 4		4	☒	50 %	☒	2700 K	4 s	0 s
Scene 5		5	☒	50 %	☒	2700 K	4 s	0 s
Scene 6		6	☒	50 %	☒	2700 K	4 s	0 s
Scene 7		7	☒	50 %	☒	2700 K	4 s	0 s
Scene 8		8	☒	50 %	☒	2700 K	4 s	0 s
Scene 9		9	☒	50 %	☒	2700 K	4 s	0 s
Scene 10		10	☒	50 %	☒	2700 K	4 s	0 s
Scene 11		11	☒	50 %	☒	2700 K	4 s	0 s
Scene 12		12	☒	50 %	☒	2700 K	4 s	0 s
Scene 13		13	☒	50 %	☒	2700 K	4 s	0 s
Scene 14		14	☒	50 %	☒	2700 K	4 s	0 s
Scene 15		15	☒	50 %	☒	2700 K	4 s	0 s
Scene 16		16	☒	50 %	☒	2700 K	4 s	0 s

Scenes	Description	Scene NO.	Brightness control	Brightness value	Colour control	Colour temp.	Dimming time	Delay time



Exist multiple scene NO. assignment conflict, the valid scene NO. can't be the same, please correct, otherwise only the first one of those conflict scene is valid and others will be ignored

%



K-BUS

Scenes	Description	Scene NO.	RGB	Dimming time	Delay time
Scene 1		0	NA	NA	NA

✖ Exist multiple scene NO. assignment conflict, the valid scene NO. can't be the same, please correct, otherwise only the first one of those conflict scene is valid and others will be ignored

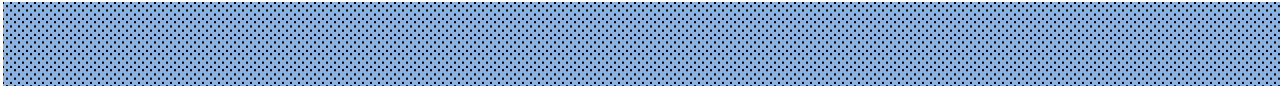
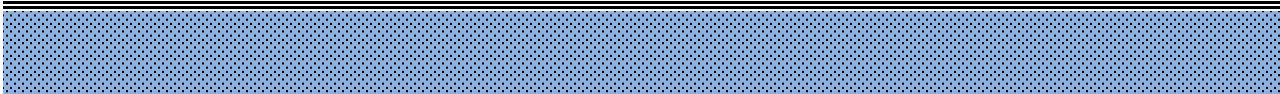
#

#

Staircase lighting 5	00:02:00	hh:mm:ss	20	%
Staircase lighting 11	00:02:00	hh:mm:ss	20	%
Staircase lighting 12	00:02:00	hh:mm:ss	20	%



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%

Scene Group 1 Function	☒
Scene Group 2 Function	☐
Scene Group 3 Function	☐
Scene Group 4 Function	☐
Scene Group 5 Function	☐
Scene Group 6 Function	☐
Scene Group 7 Function	☐
Scene Group 8 Function	☐
Scene Group 9 Function	☐
Scene Group 10 Function	☐
Scene Group 11 Function	☐
Scene Group 12 Function	☐
Scene Group 13 Function	☐
Scene Group 14 Function	☐
Scene Group 15 Function	☐
Scene Group 16 Function	☐
Output 1 Function	☒
Output 2 Function	☒
Output 3 Function	☒
Output 4 Function	☒
Output 5 Function	☒
Output 6 Function	☒
Output 7 Function	☒
Output 8 Function	☒
Output 9 Function	☒
Output 10 Function	☒
Output 11 Function	☒
Output 12 Function	☒
Output 13 Function	☒
Output 14 Function	☒
Output 15 Function	☒
Output 16 Function	☒

Description for Output 1 function	
DIM type of Output 1	DIM Single ▼
➤Output 1 trigger scene NO. is [1~64,0=inactive]	0 ▲▼
Brightness value of Output 1	127 ▲▼
Delay time for sending [0..255]	0 ▲▼ *0.1s
2-➤Output 1 trigger scene NO. is [1~64,0=inactive]	0 ▲▼
Brightness value of Output 1	127 ▲▼
Delay time for sending [0..255]	0 ▲▼ *0.1s





#

#





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	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

[illegible][illegible][illegible][illegible]



□□ □ □ □ □ □ □ □

GVS

K-BUS



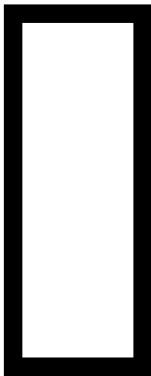
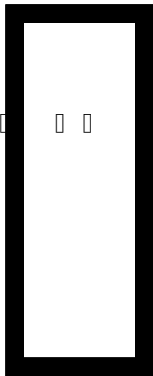
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	Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
➡	1602	Dimming single-...	Scene			1 byte	C	-	W	-	-	scene number	Low
➡	1618	Dimming CCT-...	Scene			1 byte	C	-	W	-	-	scene number	Low
➡	1634	Dimming RGB-...	Scene			1 byte	C	-	W	-	-	scene number	Low

	Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
	1586	Staircase lighting 1-...	Staircase lighting			1 bit	C	-	W	-	-	start/stop	Low
	1587	Staircase lighting 2-...	Staircase lighting			1 bit	C	-	W	-	-	start/stop	Low
	1588	Staircase lighting 3-...	Staircase lighting			1 bit	C	-	W	-	-	start/stop	Low
	1589	Staircase lighting 4-...	Staircase lighting			1 bit	C	-	W	-	-	start/stop	Low
	1590	Staircase lighting 5-...	Staircase lighting			1 bit	C	-	W	-	-	start/stop	Low
	1591	Staircase lighting 6-...											

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
1650	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene number	Low
1651	1st Scene Group - Output 1 - ...	Brightness 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
1650	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene number	Low
1651	1st Scene Group - Output 1 - ...	Brightness Value			1 byte	C	-	-	T	-	percentage (0..100%)	Low
1652	1st Scene Group - Output 1 - ...	Colour Temperature			2 bytes	C	-	-	T	-	absolute colour temperature (K)	Low

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
1650	Scene Group	Main scene trigger			1 byte	C	-	W	-	-	scene number	Low
1651	1st Scene Group - Output 1 - ...	RGB value			3 bytes	C	-	-	-	-	RGB value 3x(0..255)	Low
