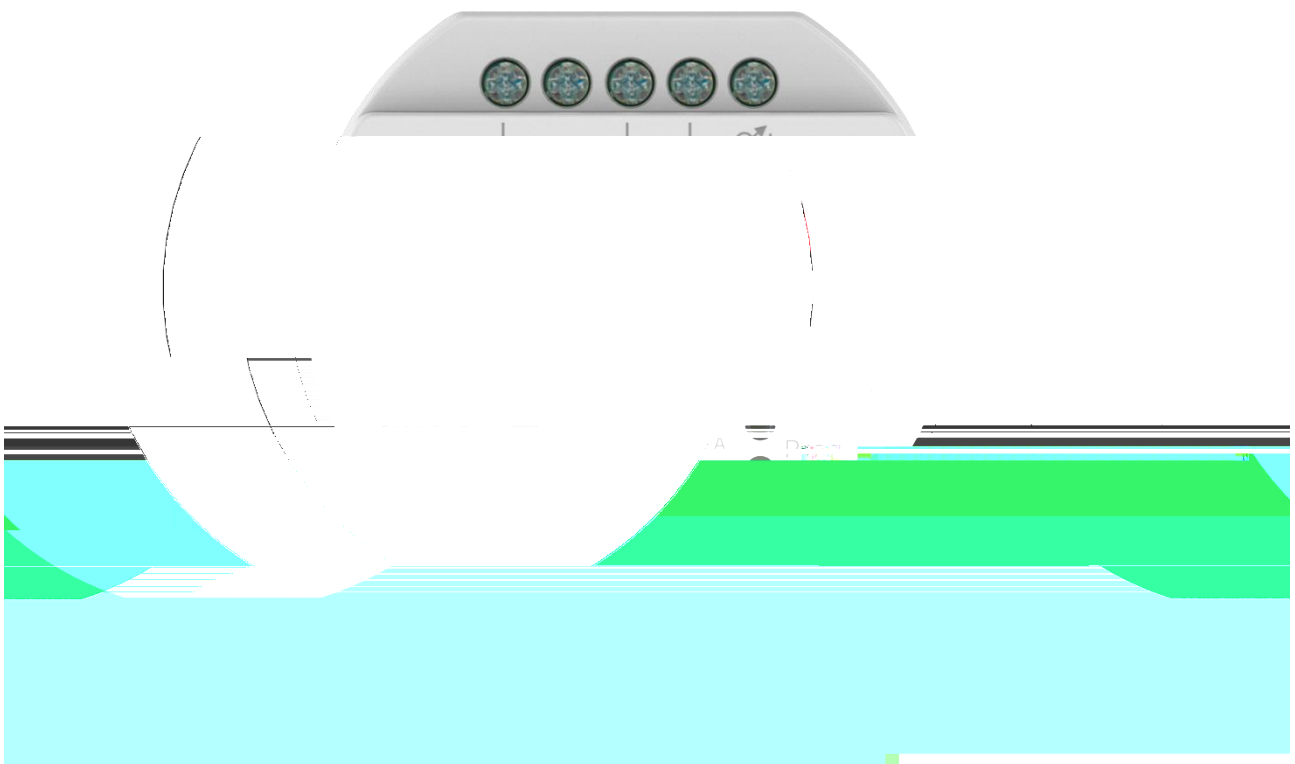




2 □ □ □ □

Vojwfstbm Ejn njoh Bduvbups-Gmvt i Npvoufe-2.Gpme`W2/6

BEVEG.12012/2



LOY0FJC

□ □ □

注意事项

1、请远离强磁场、高温、潮湿等环境；





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KNX/EIB

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LED

LED KNX

KNX

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1-100%

knxprod ETS ETS5

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- [illegible]



KNX/EIB

1 □

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□

□ □

□ □ □ □ 21~30V DC □ □ □ KNX □ □

□ □ □ 18mA/24V □ 16mA/30V

□ □ 480mW

□ □ □ □ 1 □

□ □ □ 200W □ □ □ □ / □ □ /LED □ □ □ □

□ □ 230 V AC □ 50/60HZ □

□ 0.5W

□ □ 1.7W

□ □ ! □ ! □ □

MFE □ LED □ □ 5V 12V □

LED □ □ □ □ 4mA

□ KNX □ □ □ □ □ □ / □ □ □ 0.8 mm Ø

□ □ □ □ □

□ □ □ 0.2-2.5mm² □ □ 0.4N-m

□ □ 10m

□ □ □ □ □ LED □ □ □ □

□ □ LED □ □ □ □

□ □ □ □ -5 °C...+45 °C

-25 °C...+55 °C

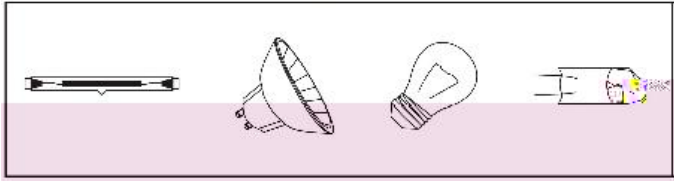
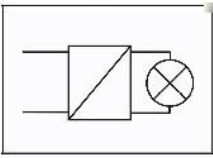


KNX/EIB

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		-25 °C...+70 °C
		<93%
		80mm 86mm
t' 53 Ø 23.5mm		
		0.1KG

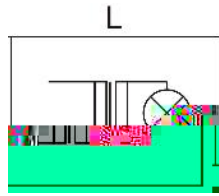
3/2/

	10...200W 10...200W
	10...200W 10...200W
	10...200W 10...200W
LED	2...60W 2...200W
LED	2...60W 2...200W
LED (!)	2...60W 2...200W
LED	2...60W 2...200W
	R
	
	C
	

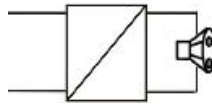


KNX/EIB

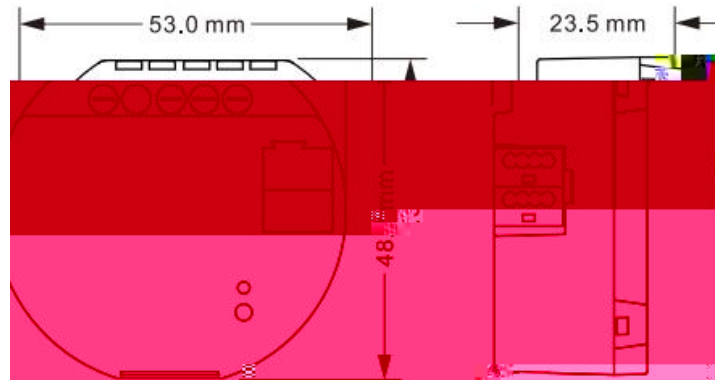
1



MFE



4/2/



4/3/



F

F KNX

LED

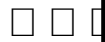
/LED

G: GND

V: VCC

1...8: 1~8 1-4 5-8 LED

5 5 4



□



KNX/EIB

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□ □ FUT □ □

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6/2/LOY

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KNX

□

KNX

□

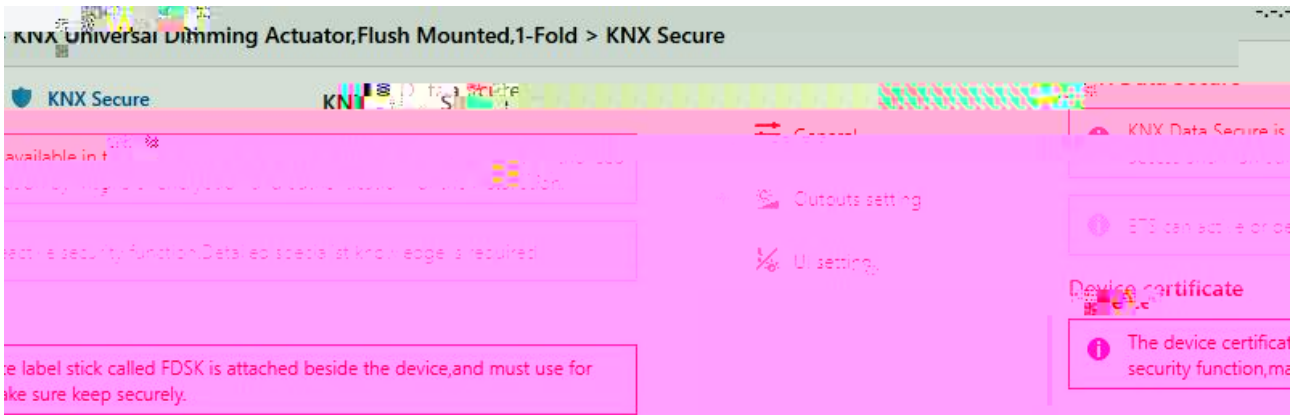
k

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5.1 (1) "KNX Secure"

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KNX

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KNX

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ETS

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5.1(1)

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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 deactivate security function. Detailed specialist knowledge is required.

KNX

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

□

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FDSK

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ETS

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KNX/EIB

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LOY

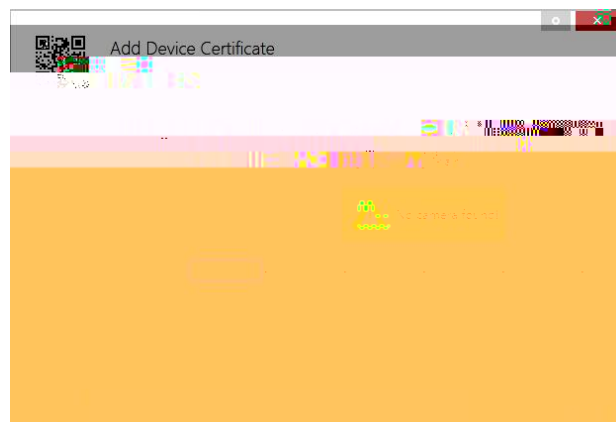
k

❖ KNX FDSK =

ETS

✧ ETS 5.1 (2) k

QR k

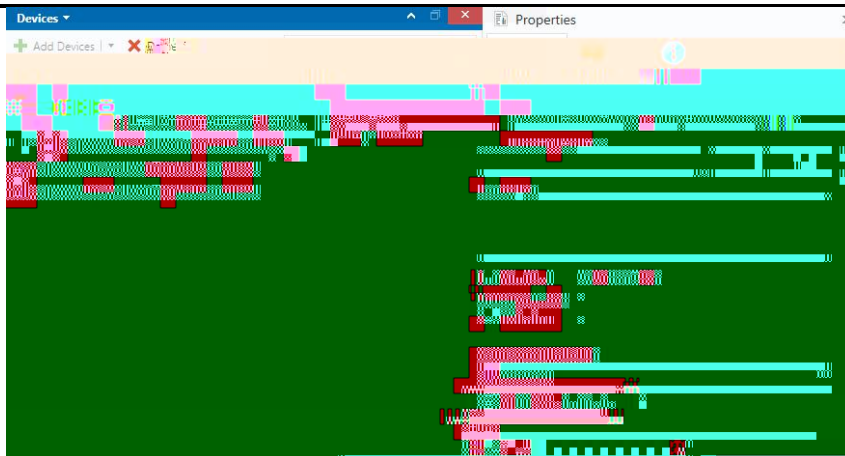


5.1(2) Add Device Certificate

✧ ETS k

“Security” 5.1(3) k

“Add i



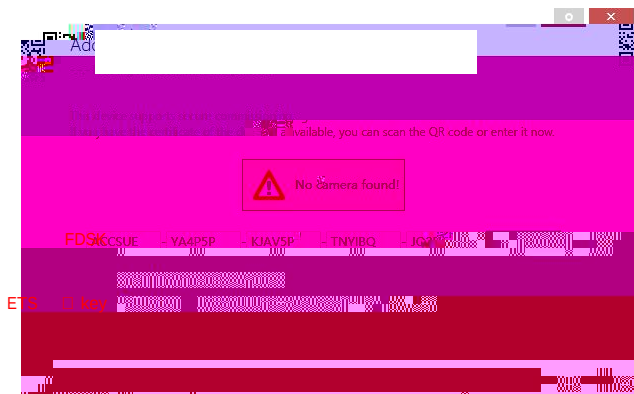
5.1(4) Add Device Certificate

✧ □ □ □ □ FDSK ^k

□ GETL □ □ □ □ LOY □ ^k

FDSK □ □ □ □ FDSK □ ETS □ □ □ □ 5.1(5) ^k

□ □ □ □ □ □ □ □ ETS □ □ □ □ □

FDSK ^k


5.1(5)

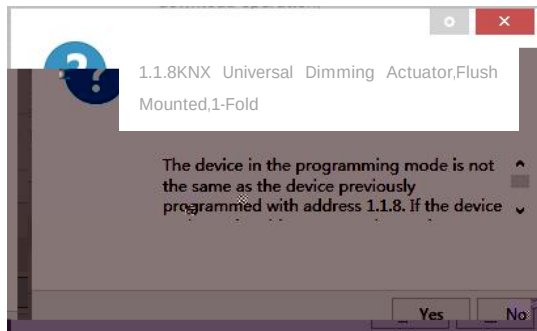
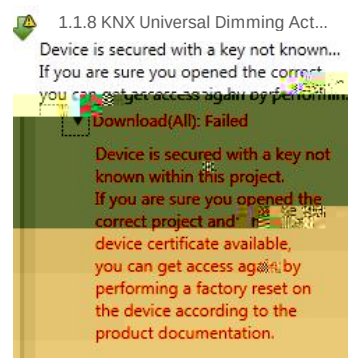
□ □

□ □ □ □ □ □ ^k □ □ □ □

□ □ 5.1(6) □ □ “Yes” □ □ “Add Device Certificate” □ □ □ □ FDSK □

□ □ □ □ □ □ □ □ □ □ □ □ □ □

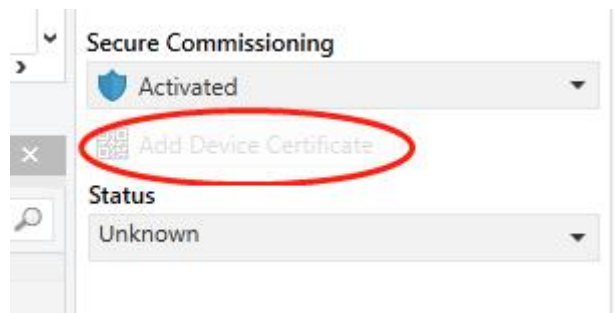
□ □ □ □ 5.1(6) □ □ □ ^k



5.1(6)

GETL

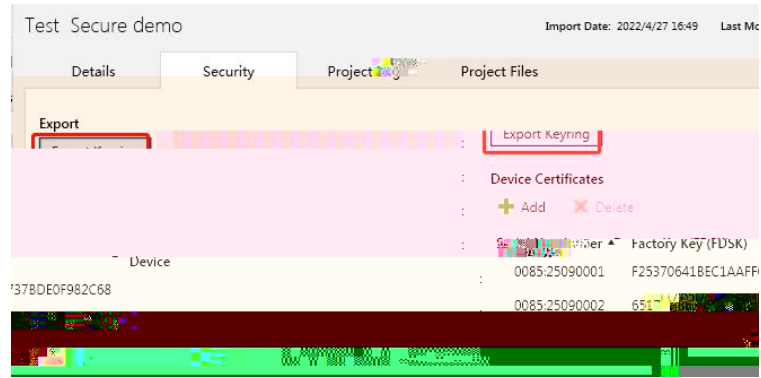
"Add Device Certificate"



5.1(7)

ETS

5.1(8)



5.1(8)

LOV VTC FUT

6/3/ □ □ □ □ ÔHf ofsbmÕ

--- KNX Universal Dimming Actuator, Flush Mounted, 1-Fold > General

KNX Secure

General

Outputs setting

UI setting

Logic function

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

Send cycle of "In operation" telegram [1..240,0=inactive] s

Safety function

Monitoring period [0...1000, 0=monitoring deactive] s

Logic function

0

1

☒ Cancel via object value "0"
 ☐ Cancel via object value "1"

0

☒

5.2 “General setting” □ □ □ □

0Pqfsbuipo boe Tfoe efbz bgufs cvt sfdpwfsz \1/260

□ □ □ □ □ □ □ □ □ □ □ □ □ □ k

□ □ □ 1//26 t

□ □ □ □ □ □ □ □ □ □ □ k

0Tfoe dzd:f pg #0 pgfsbujpo# uf fhsb n \2//351-1>jobdujwf 0

□□ □ □□ □ □ □ □ □□□ □□□ k □□ “0” □ □“ln

operation" □ k □ □ □ "0" □ □ "In operation" □ □ □ □ □ □ "1"

□ □ k □ □ □ 10351 t □ 1> □ □ □

□ □ □ □ □ □ □ □ □ □ □ □ □ k

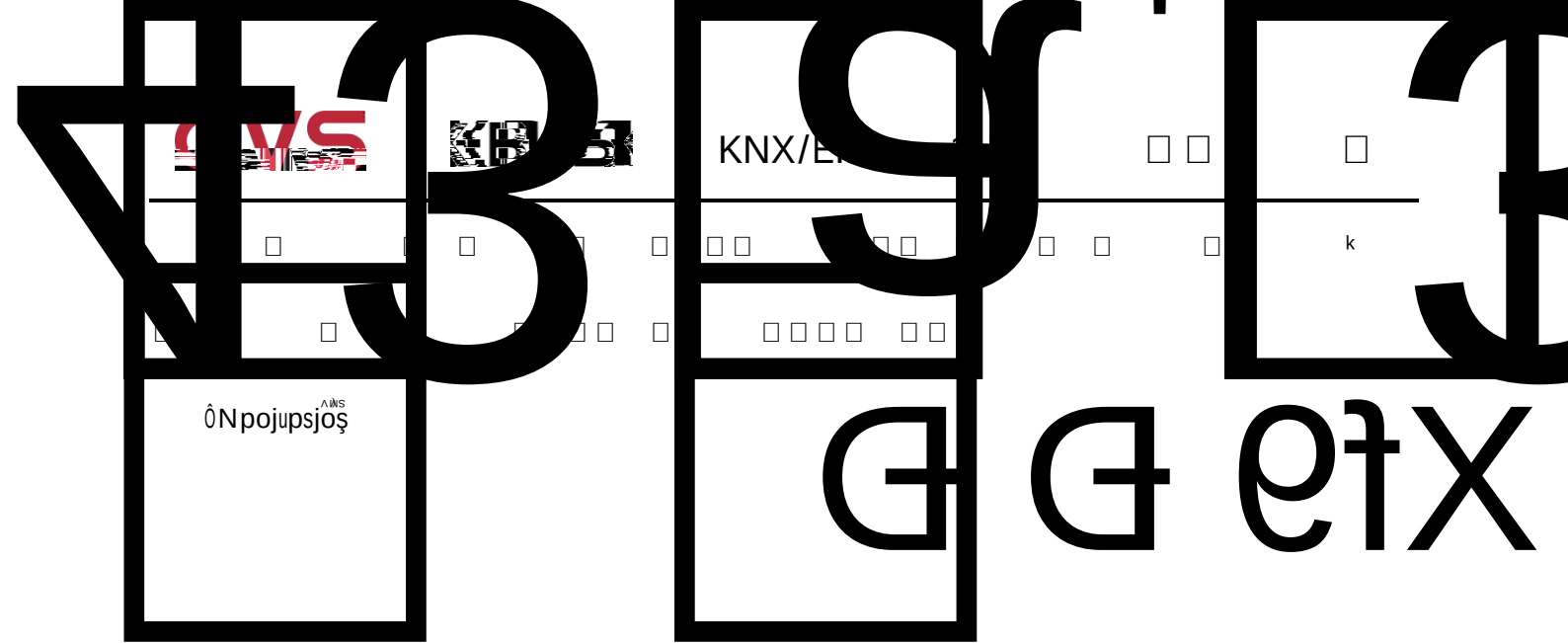
ÔTbgfuz gvdujpoô

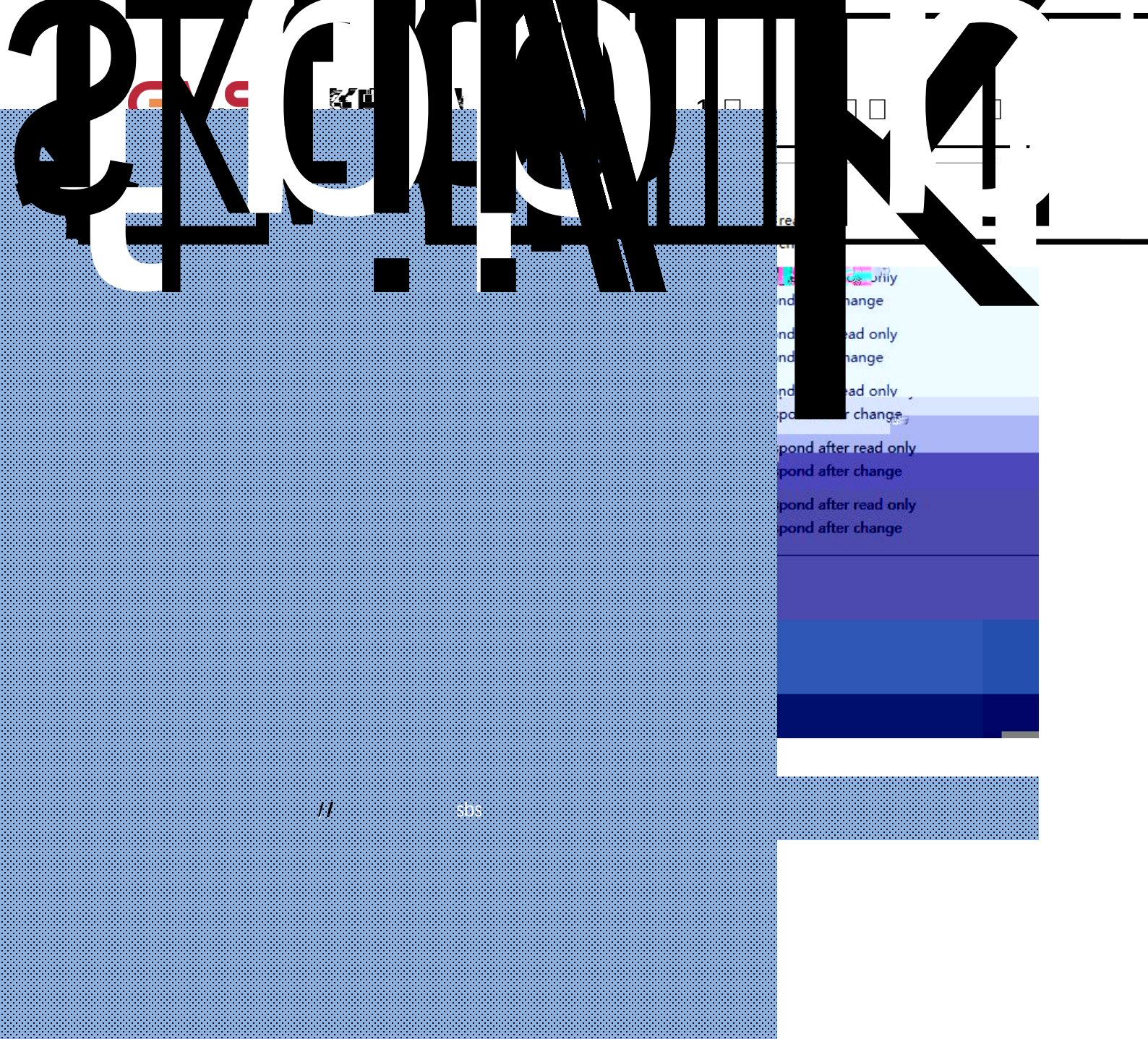
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ k

111

Dbodf_m wjb pckfdu wbm_vf #1#

Dbodfm wjb pckfdu wbmvf #2#

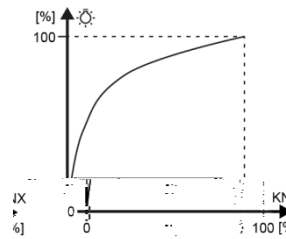




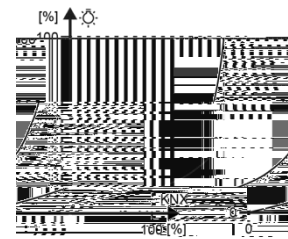
11

sbs

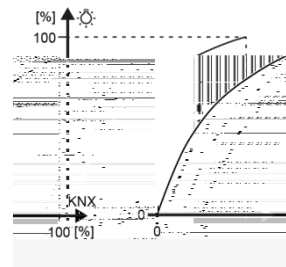
Mphbsju i n jd gvdujpo



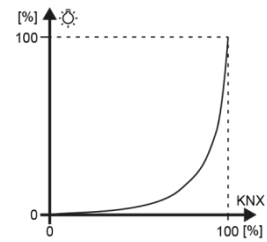
Dvcjd gvdujpo



Sppu gvdujpo

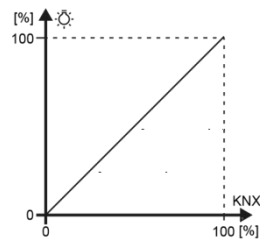


Fyqpo foujbm gvdujpo



Mjofbs gvdujpo

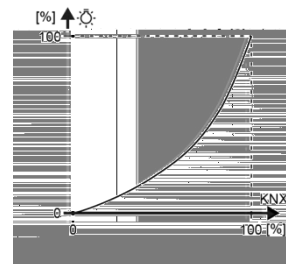
□



Vt fs efgjofe

□

Rvbesbujd gvdujpo



□ □ User defined □ □ □ □ □ □ □ □ □ □ 5.3.2 k

0Hfofsb e j n n j o h u j n f) g s p n n j o / u p n b y / ° 0

□ □ □ □ □ □ □ k □ □ □ □ □ □ □ □ □ □ 6s □

0% □ 100% □ 0% □ 50% □ □ □ □ 3s k □ □ □ 3///366 t

□ □ □ □ □ □ □ □ □ □ □ □ / □ □ ! !

□ □ ! □ □ □ k

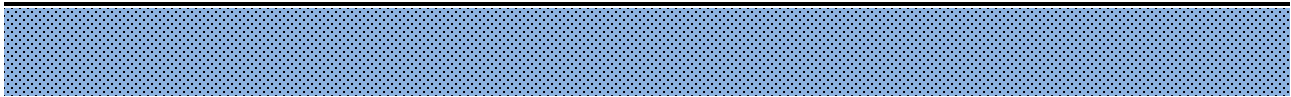


KNX/EIB

1 ☐

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KNX/EIB

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□

0Ejn njoh npef tfrfdupg ps txjdi joh pgg0

□ □ □ □ k □ □ □

Kvnqjoh

Ejn njoh

Jumping □ □ k

Dimming □ □ □ □ □ □ □ □ □ k

0Ejn njoh ujn f gps sf bujvf ejn njoh0

□ □ □ □ □ □ □ k □ □ □ 3///366 t

0Ejn njoh ujn f gps bctpvuf ejn njoh0

□ □ □ □ □ □ □ k □ □ □ 3///366 t

0Bmpx txjdi pgg wjb sf bujvf ejn njoh0

□ □ □ □ □ □ □ □ □ k □ □ □ □ □ □ □ □ □ □
□ □ □ □ □ □ k

0Bctpvuf ejn njoh wbrvf pxfsuibouif njojnvn wbrvf0

□ □ □ □ □ □ □ □ Bctpvuf ejn njoh □ k □ □ □

1&>1& □ pui fsxjtf>Njojnvn csjhiuoftt wbrvf

Up cf uif njojnvn csjhiuoftt wbrvf

Up cf 1&

0%=0%, otherwise=Minimum brightness value% □ □ 0% k

To be the minimum brightness value □ □ □ 0% k

To be 0% □ □ □ □ k



KNX/EIB

1

□ □ □

□

Jump to startup then delay to target □ □ □ □ □ □ □ □ k

□ □ □ □ □ □ □ □ □ □

Switching □ Absolute dimming □ k

0Efm bz ujn f bgufs sfbdi tubsuvq0

□ Jump to startup then delay to target □ k □ □ □ □

□ □ □ □ k □ □ □

61 n t

91 n t

211 n t

///

3t

5t

6t

Sft fu cf i bwjps □ □ □ □ □ 0 □ □ 0 □ □ □

0Cf i bwjps bgufs ep x o pbe0

□ □ □ □ □ k □ □ □

Txjud i joh pgg

Qsft fu csjhiuoftt wbmvf

Csjhiuoftt c f g p s f cvt gbjmvsf

Switch off □ □ k

Preset brightness value □ □ □ □ k

Brightness before bus failure □ □ □ k



ΚΝΛ ΕΙΒ

1

」

ÔQsft fu csjhiuoftt wbnv'

☐ Preset brightness value ☐

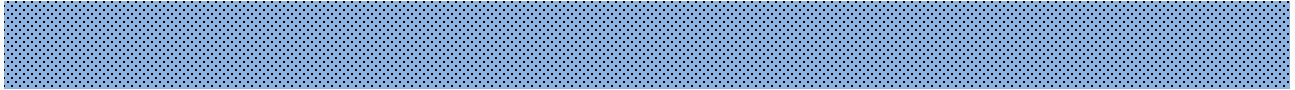
k

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☐ BEVEG.18 ☐ < nγŮŮ



KNX/EIB

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Fyufotjpo gvodujpo

0Tdfof gvodujpo0

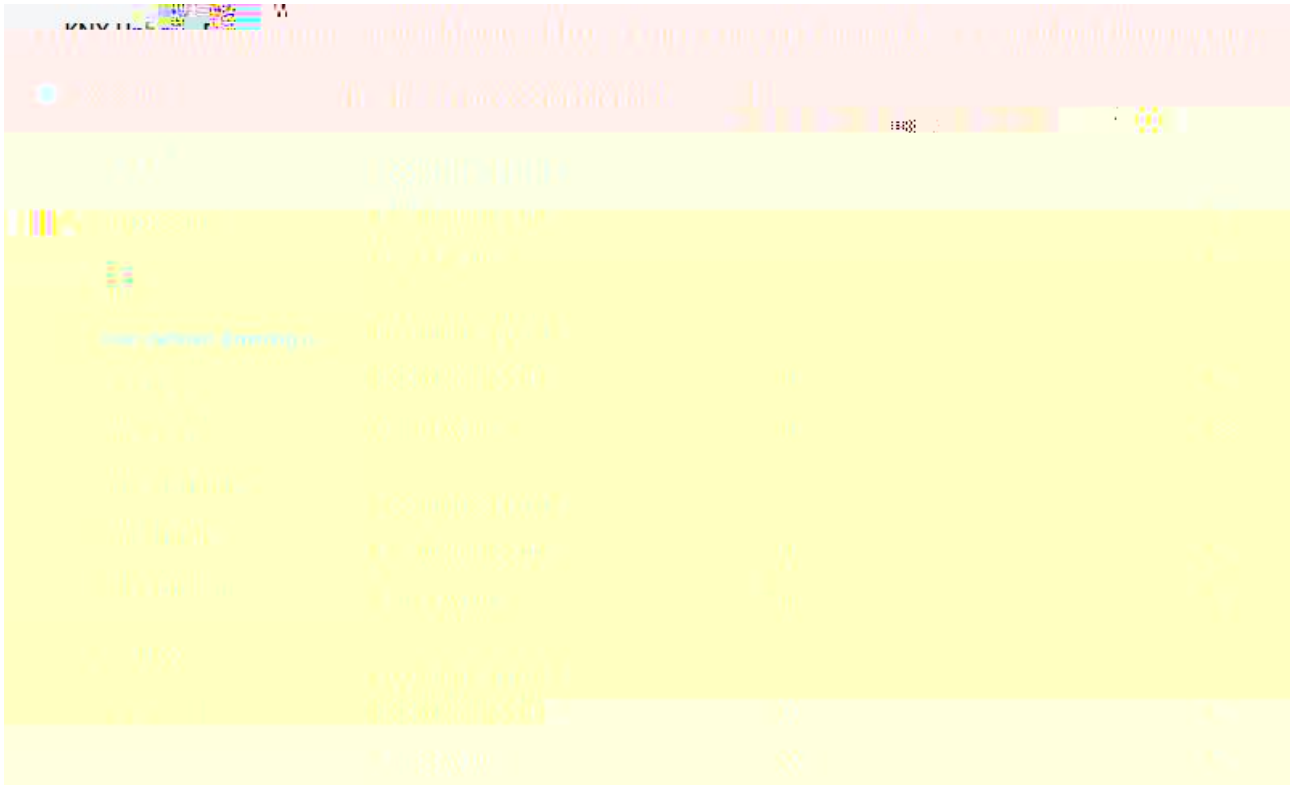
0Ujn f gvodujpo0

0Uisf t i p e gvodujpo0

0Gpsdfe gvodujpo0

0Tngfuz gvodujpo0

6/4/3/ □ □ □ □ ðVt fs ef gjo fe ej n njoh dvswf ð



5.3.2 "User defined dimming curve" □ □ □ □

ðOv n c fs pð dvswf dppsejobuf qpjou tð

□ □ □ □ □ □ □ k □ □ □ 3///27

Dppsejobuf qpjou y)y>2 27*

ðLOY ej n njoh wbv fð

□ □ □ □ □ KNX □ □ k □ □ □ 2//211&

□ □ □ □ □ KNX □ 1% 100% k

□ □ □ □ □ LOY □ □ □ □ □ LOY □ □ □ □ □ FUT □ □ □ □

Coordinate point 2

KNX dimming value 15

Output value 10 %

Coordinate point 3

KNX dimming value 14

Output value 20 %

CP value w/bv f0

KNX k 2//211&

FUT

Coordinate point 2

KNX dimming value 10 %

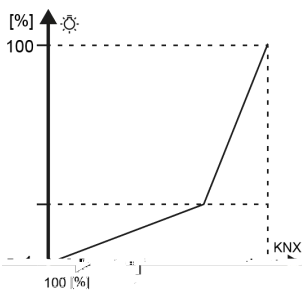
Output value 26 %

Coordinate point 3

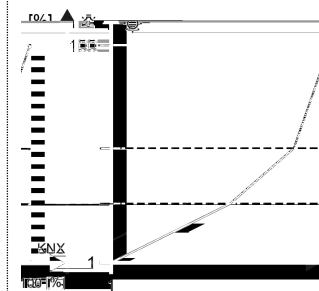
KNX dimming value 20 %

Output value 20 %

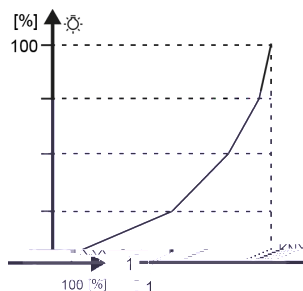
1 3



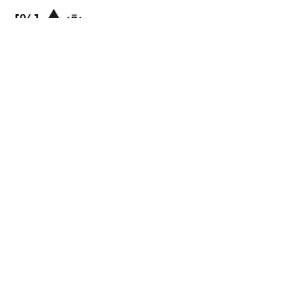
2 4



3 5



4 6





KNX/EIB

1

1

2

6/4/4/

k

6/4/4/2/



5.3.3.1 "Scene function"

k

ETS

ETS

k



KNX/EIB

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Tdfof y >2 27

0Ef tdsjqjpo0

30 k

0Tdfof OP/0

k 16 k 1///75

0 0 0 0 0 0 0

Scenes	Description	Scene NO.	Brightness	Dimming
Scene 1		0	NA	NA

0 0 0 0 0 0 0

0 0 0 0 0 0 0



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

0Csjh iuo f t t0

k 1///211 &

0Ej n n joh0

k 3///366 t



KNX/EIB

1

Efnbz txjud i

Gmbt ijoh txjud i

Tubjsdbt f mjhiujoh

Delay switch

/

Jumping k

Flashing switch

Jumping k

Staircase lighting

Jumping

1

34

*

0



KNX/EIB

1 ☐

☐ ☐ ☐

☐

Txjud i joh pgg ☐

Txjud i joh po ☐

Vod i boh f ☐

☐ ☐ ☐ Txjud i joh po ☐ Txjud i joh pgg ☐ ☐ k

0Dpousp n pef pg gbt i joh0

☐ ☐ ☐ Flashin

Returnable

Extend duration time

□ □ □ □

□

□ □ □ □

□

□

□ □ □

60s □ □

40s

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□

40s+60s=100s □

100s

□ □

□ k

□ □

□

□

□

□

□

□

□

k

0Dpousp npef pg tubjsdbt f jhijoh0

□

□ □

Staircase lighting □ □

k □ □

□ □

k

□ □ □

Tubsu xjui#2#- Tupq xjui #1#

Tubsu xjui#2#- op sfbdujpo xjui #1#

Tubsu xjui#102#- dbo opu cf tupqafe

Tubsu xjui#2#- Pgg xjui #1#

Start with "1", Stop with "0"

□

1

□

0

□

□

□ □ □

□ □ □

□

□ □

□

□

k

Start with "1", no



KNX/EIB

1

□ □ □

□

Op- cvu ejn .epxo ui f ejn njoh wbmvf bgu fs foe

Wjb pckfdu

Wjb gmbt i joh t xjud i joh po. pgg

Wjb gmbt i joh t xjud i joh po. pgg boe pckfdu

Ejn .epxo ui f ejn njoh wbmvf

Ejn .epxo ui f ejn njoh wbmvf boe wjb pckfdu

No □ □ □ □ □ k

No, but dim-down the dimming value after end □ □ □ □ □ k

Via object □ □ □ □ □ k

Via flashing switching on-off □ □ □ □ □ 1s 1s □ □ Jumping k

Via flashing switching on-off and object □ □ □ □ □ □ □ □ 1s 1s □ □

Jumping k

Dim-down the dimming value □ □ □ □ □ k

Dim-down the dimming value and via object □ □ □ □ □ □ □ □ □ k

ÔXbsojoh uj n fô

□ □ No... □ □ □ □ □ k □ □ □ □ □ k

□ □ □ 11;11;16t///11i;6: njo;6: t

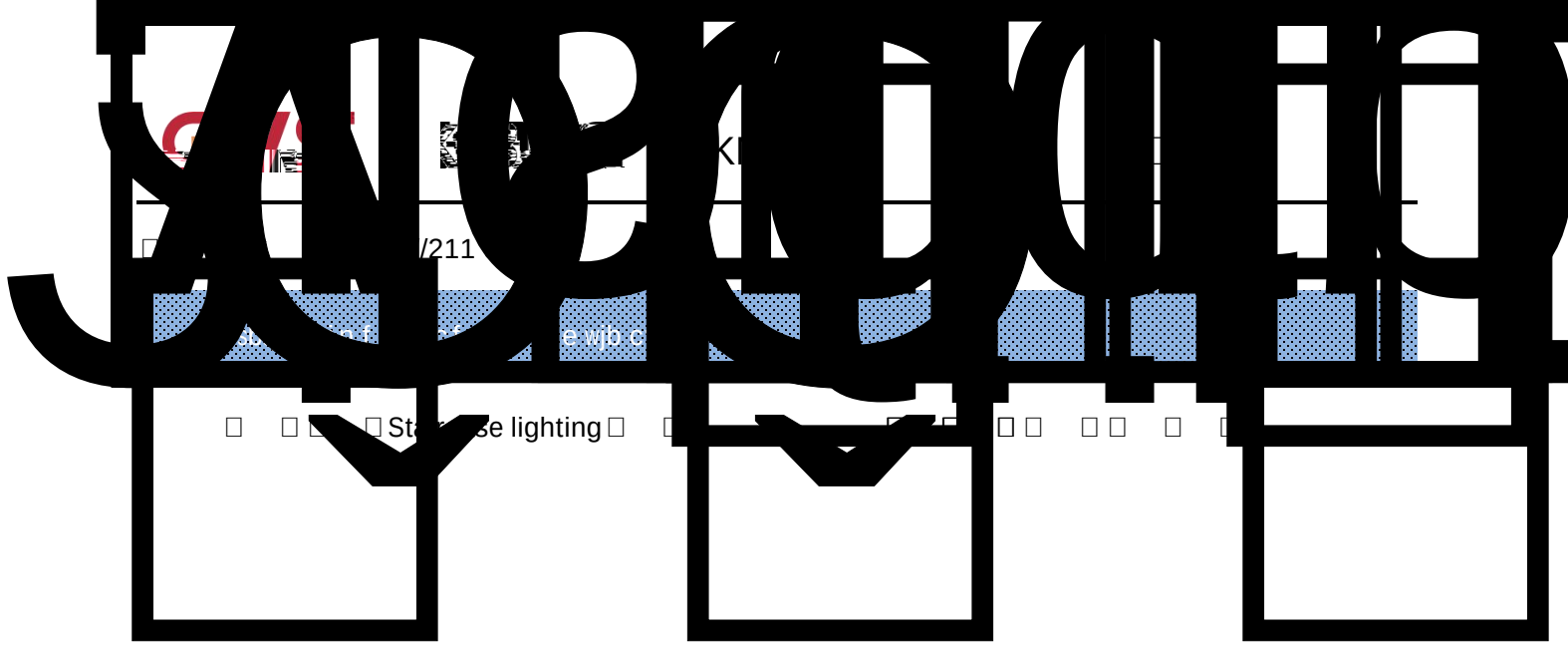
□ □ □ □ □ □ □ □ FUT □ □ □ k

□ □ □ □ □ □ □ □ □ k □ □ □ □ □

□ □ k

ÔWbmvf pg ejn njoh epxoô

□ □ Dim-down the dimming value.... □ □ k □ □ □ □





KNX/EIB

1



011sttipe wbrvf ebubuzqf0



k



2czuf votjhofe wbrvf)EQU6/121*

2czuf qfsdfoubhf

KN

6/4/4/5/ □ □ □ □ 0Gpsdfe gvdujpo0

KNX Universal Dimming Actuator, Flush Mounted, 1-Fold > Outputs setting > Channel A-... > Forced function

KNX Secure

General

Outputs setting

Channel A

Forced operation datatype ☒ 1bit ☐ 2bit

Forced operation as ☐ Object value ☒ 0=Forced/1=Cancel ☒ 1=Forced/0=Cancel

Behavior at forced operation

Preset brightness value

100 %

1bit

KNX Universal Dimming Actuator, Flush Mounted, 1-Fold > Outputs setting > Channel A-... > Forced function

KNX Secure

General

Outputs setting

Channel A

Forced operation datatype ☐ 1bit ☒ 2bit

Forced operation as ☐ Object value ☒ 0=Forced/1=Cancel ☒ 1=Forced/0=Cancel

Behavior at forced operation

Preset brightness value

100 %

2bit

5.3.3.4 "Forced function"

□ □ □ □

□

□

k

□

□ k

□ □

□ □

□ □ k

0Gpsdfe pqfsbujpo ebubuzqf0

□ □

□

□

k

□ □ □

2cju

3cju

0Gpsdfe pqfsbujpo bu pctfdv wbrvf0

□

1bit

□

k

□ □

1bit

□ □

/

□ □

k

□ □ □

1>Gpsdfe02>Dbodf

2>Gpsdfe01>Dbodf



KNX/EIB

1

□ □ □

□

0Cf i bwjps bu gpsd fe pq fsbujpo0

□ 1bit □ k □ □ □ □ □ □ k □ □ □

Txjud i joh pgg

Qsft fu csjhiuoft t wbmvf

Vod i boh f

Switch off □ □ k

Preset brightness value □ □ □ □ k

Unchange □ □ k

0Qsft fu csjhiuoft t wbmvf0

□ Preset brightness value □ □ k □ □ □ k □ □ □ 2///211 &

0Cf i bwjps bu gpsd fe pq fsbujpo +t xjud i po=0

□ 2bit □ k □ □ 2bit □ □ 3 □ □ □ □ □ k □ □ □

Qsft fu csjhiuoft t wbmvf

Vod i boh f

0Qsft fu csjhiuoft t wbmvf0

□ Preset brightness value □ □ k □ □ □ k □ □ □ 2///211 &

0Cf i bwjps bu gpsd fe pq fsbujpo +t xjud i pgg=0

□ 2bit □ k □ □ 2bit □ □ 2 □ □ □ □ □ k

□ □ Txjud i joh pgg

0Cf i bwjps bu foe pg gpsd fe pq fsbujpo0

□ □ □ □ □ k □ □ 3cju 102 □ k □ □ □

Txjud i joh pgg



KNX/EIB

1

□ □ □

□

Qsft fu csjh uoft t wbmvf

Vod i boh f

1. □ □ □ □ □ □ □ □ □ k

2. □ □ □ □ □ □ □ □ □ □

□ □ □ □ □ □ □ □ □ □ k

Qsft fu csjh uoft t wbmvf

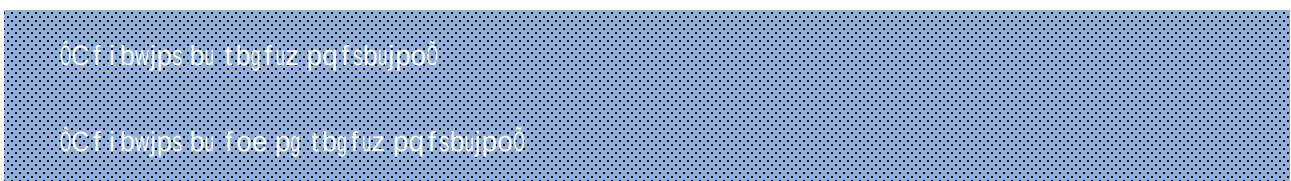
□ Preset brightness value □ □ k □ □ □ □ k □ □ □ 2///211 &

6/4/4/6/ □ □ □ □ Tbgfuz gvdujpo



5.3.3.5 "Safety function" □ □ □ □

□ □ □ □ □ □ □ k □ □ □ k



□ □ □ □ / □ □ □ □ k □ □ □

Txjud i joh pgg

Qsft fu csjh uoft t wbmvf

Vod i boh f

Switch off □ □ k

Preset brightness value □ □ □ □ k



KNX/EIB

1

Unchange

Qsftfu csjh iuoftt wbnvf

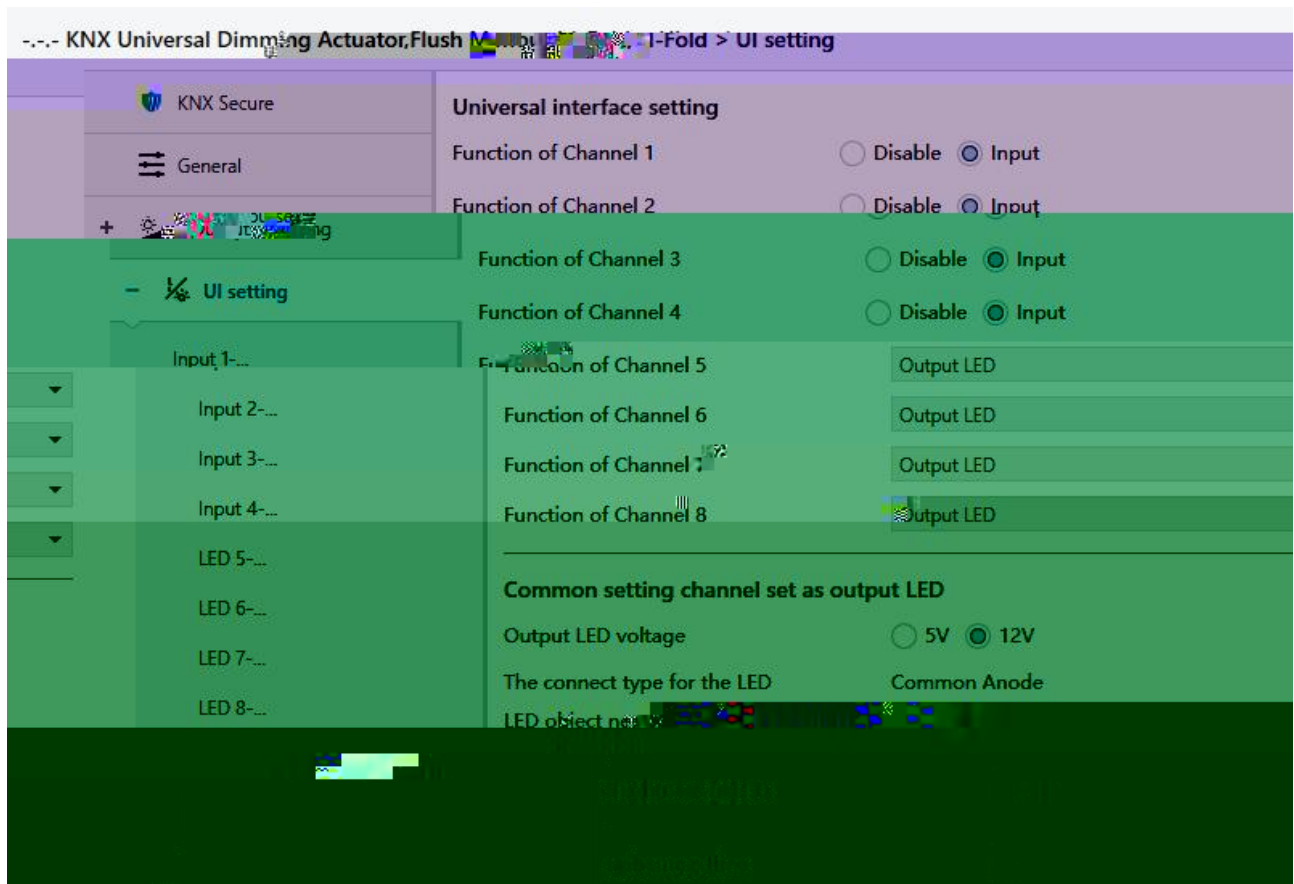
Preset brightness value k 2///211 &

1. k

2. k

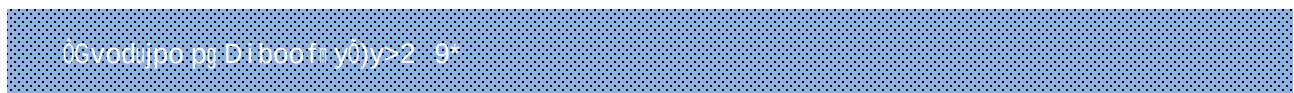
k

6/5/



5.4 "UI setting"

Vojwfstbm joufsgbdf t fuujoh



Ejtbcmf

Joqvu

Pvuqvu MFE MFE

9 5 5 0 MFE k

0 1 k



Dr

po

CPviqui MF

ED



LED

LED

k

6W

23W

LED

k

Dpn npo Bod



KNX/EIB

1

Mfwm 4

Efcpvodf ujn t0

k

61nt

81nt

211nt

261nt



KNX/EIB

1

□ □ □

□

6/5/2/ □ □ □ □ ōJoqvū yō

□ □ □ ! □ ! □ ! ! □ ! □ ! □ □ □

□ k □ □ □ □ □ □ □ □ □ □ k

-.-.- KNX Universal Dimming Actuator, Flush Mounted, 1-Fold > UI setting > In



5.4.1 "Input x-..." □ □ □ □

□ E f t d s j q u j p o) n b y 41 d i b s / □

□ □ □ □ □ □ □ □ □ 30 k

□ G v o d u j p o p g d i b o o f □

□ □ □ □ □ k □ □ □

Txjud i

Cmjoe □

Ej n n j o h □

T i j g u s f h j t u f s □

W b m v f p v u q v u □

N v m u j q m f p q f s b u j p o □

T d f o f d p o u s p m

E f m b z n p e f □



KNX/EIB

1

□ □ □

□

6/5/2/2/ □ □ □ □ òT xjud i ò

□ Switching □

□ □ □ □

5.4.1.1

□ □ □ □

□ □ □

□ □ □

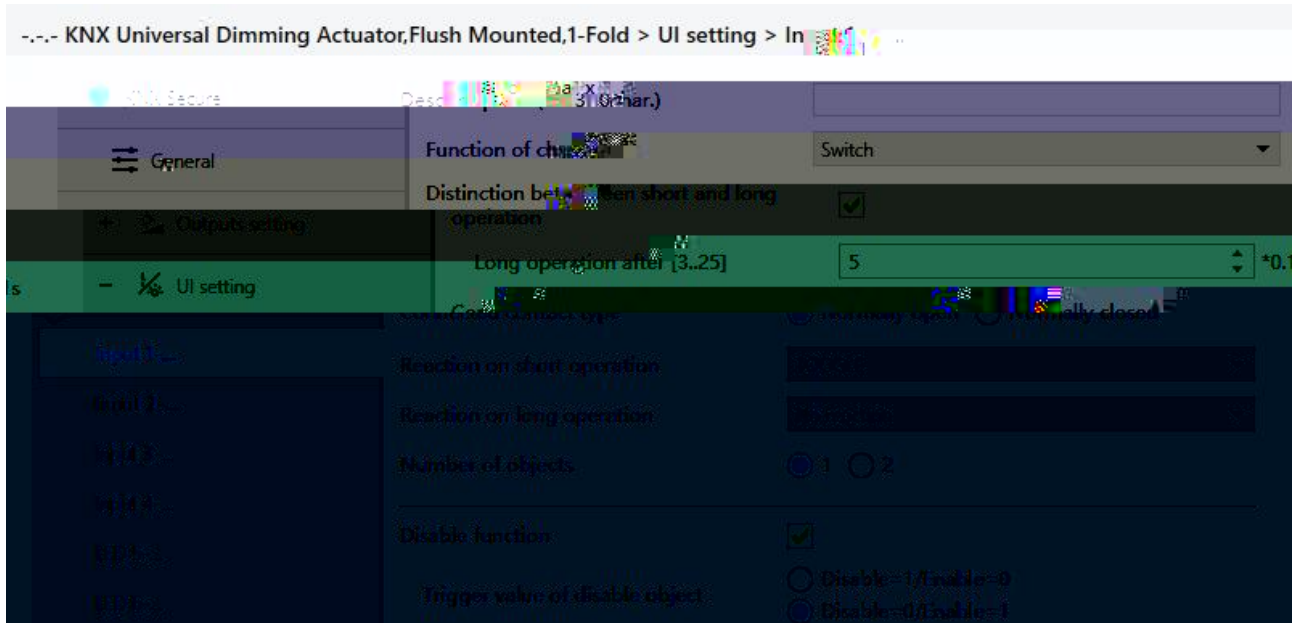
□

□

□

□

k



5.4.1.1 "Input x-Switch"

□ □ □ □

□ E tujodupjo c fux f fo t ipsu boe poh pqfsbujpo □

□ □ □ □

□ / □

k

□

□

□ □ □

□

□

□

□

□

□ □

□

k

□ Mpoh pqfsbujpo bgu fs \4//36^ □

□ / □

□ □

k □ □ □

□

□ k □

□ □ □ □ □ □ □ □

□ □

□ □

□

□

□

k

□ □ □ 4///36 +1/2t

□ Dpoo fdu dpoubdu uzqf □

□ □

□ □

□

□

□

□

□ □ □

□

□ □ □

□ □

□ □

k

□ □ □

Ops n bmmz pqf o

Ops n bmmz dmp t fe



KNX/EIB

1

□ □ □

□

□ □

□ □

□

□

□ Normally open □

□

□ □

□

□ □

k

□ Sfbdujpo po t i p s u p q f s b u j p o 0 0 Sfbdujpo po q s f t t u i f d p o u b d u □

□ Sfbdujpo po i p o h p q f s b u j p o 0 0 Sfbdujpo po s f r b t f u i f d p o u b d u □

□

□ □

□ /

□

□ / □

□ □

k

□

□ □

□ □

□

k

□ □ □

Op bdujpo

PO

PGG

UPHHMF

No action □ □

□ k

ON □ □ □ k

OFF □ □ □ k

TOGGLE □

□ □

□

□

□ □

□ □

□

□

□ □

□

□ □

□ □

□

□ □ □

□

□

□

□ □

□

k □

□

□ □

□ □

□ □ Switch □

□ □ □

□ 0 □ □

k

□ T f o e p c x f d u w b r v f b g u f s c v t s f d p w f s z) w b r j e j g s f b d u j p o j t o p u u p h h f * □

□

□

□

k □ □

□

□

□

□ "Switch" □

□ k

□

□ □

□

□ "Switch" □

□

□ □

□

"Reaction on

press /release the contact" □ □ □ □

"Toggle"

"No reaction"

□

□ "Switch" □

□

□ □

□ □

□ □

"Toggle"

"No reaction" □

□

□

□ □

□ k

KNX



KNX/EIB

1 ☐☐ ☐ ☐☐

Op bdujpo

Csjh i ufs

Ebsl fs

Csjh i ufs0Ebsl fs

No action ☐ ☐ ☐ kBrighter ☐ ☐ ☐ ☐ kDarker ☐ ☐ ☐ ☐Brighter/darker ☐ ☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ Dimming ☐☐ ☐ ☐ ☐ 0 ☐ ☐ ☐ ☐ k☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ UPHHMF ☐ ☐ ☐ ☐☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐☐ k ☐ ☐ ☐ ☐ ☐ k☐ Eijn njoh npef ☐☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐Tubsu. tupq ejn njoh ☐Tufqt ejn njoh ☐ ☐Start-stop dimming ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐☐ ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ kSteps dimming ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

k

☐ Tufq tj{f ☐☐ ☐ "Steps dimming" ☐ ☐ k ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

K

KNX/EIB

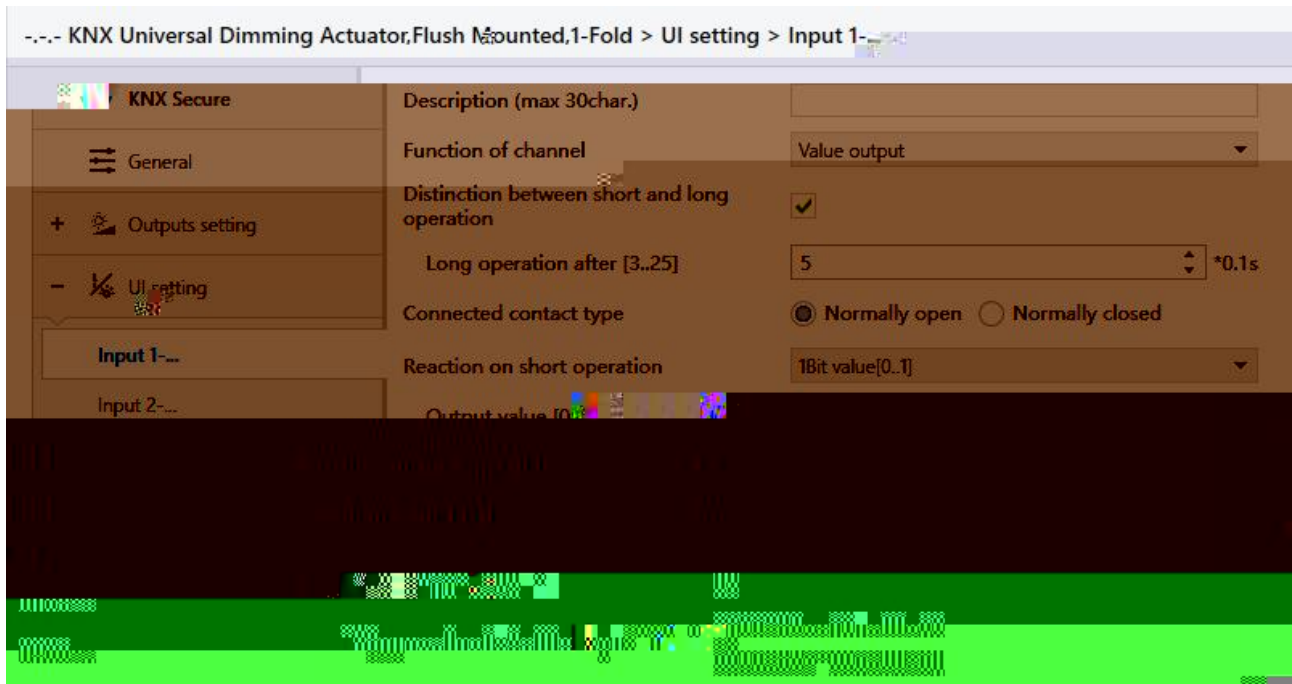
1

□ □ □ □ □

□ □ □

E

6/5/2/4/



5.4.1.3 "Input x"- Value output



/

Op s f b d u j p o

2cju w b m v f \1//2^

3cju w b m v f \1//4^

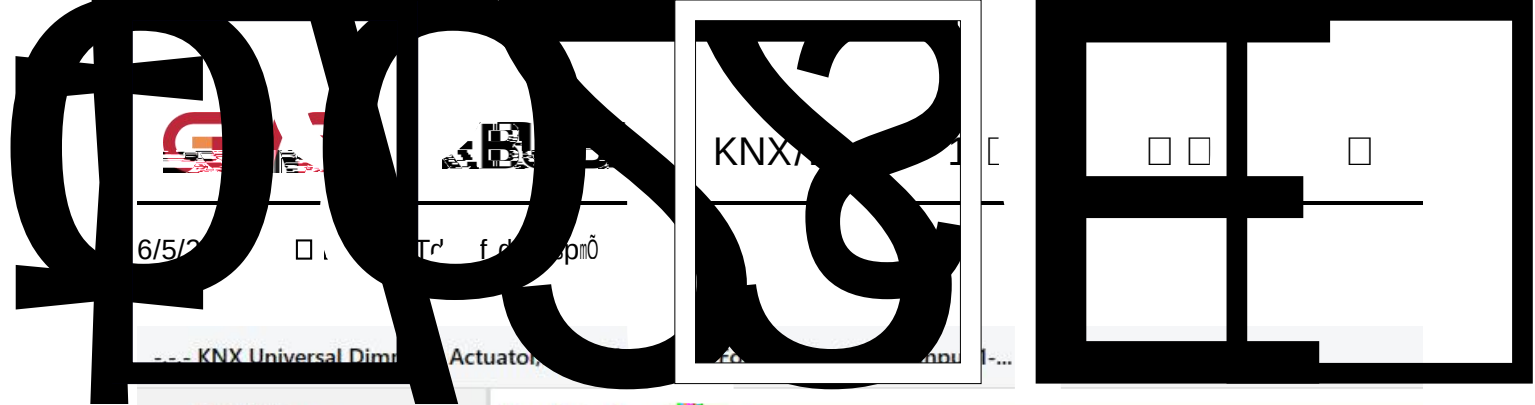
5cju w b m v f \1//26^

2czuf w b m v f \1//366^

3czuf w b m v f \1//76646^

Pvuqvu w b m v f V//^

k



KNX Secure

Description (max 128 characters)

Outputs setting

Distinct operation between short and long operation

Long operation after [3..25]

5

%0.1

UI setting

Connected contact type

☐ Normally open ☐ Normally closed

Input 1...

Reaction of switch operation

Scene NO.1

Input 2...

8 bit scene number

Scene NO.1

Input 3...

8 bit scene number

Scene NO.1

5.4.1.4 "Input x- Scene control"

☐ ☐ ☐ ☐

StbduP



KNX/EIB

1

□ □ □

□

Stop (Adjust Up) □ □ □ □ □ k

Stop (Adjust Down) □ □ □ □ □ k

Stop (Adjust Up/Down) □ □ □ □ □ / □ □ □ k □ □

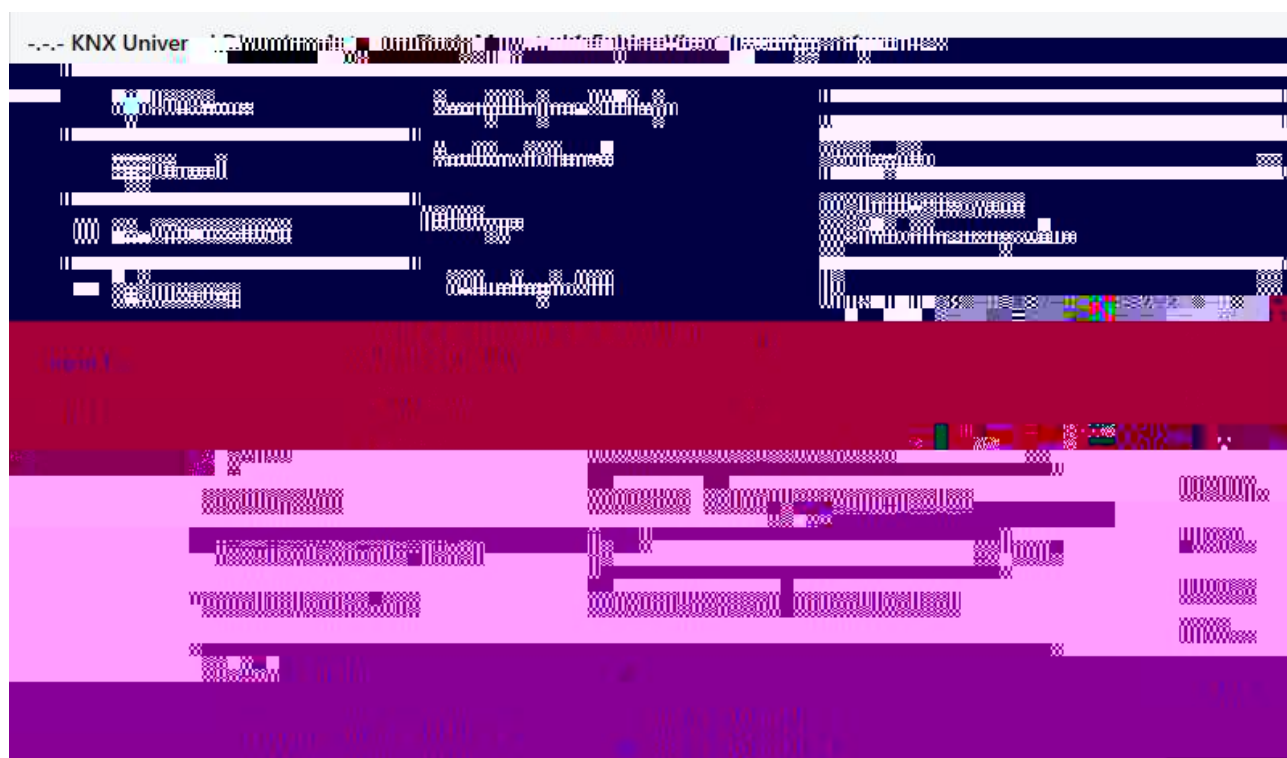
□ □ □ Stop/Adjust Blind □ □ □ □ □ 0 □ □ □ □ / □ □ □ k

□ Joufswb pg ufmf/ dzdmjd t foe \1//36^)1>t foe podf* □

□ □ “Stop...” □ □ □ □ □ □ □ □ □ □ □ □ □ k

□ □ □ 1///36 +1/2t □ 1 □ □

6/5/2/7/ □ □ □ □ ÔT i jgu sfhjtufsÔ



5.4.1.6 “Input x- Shift register” □ □ □ □

ÔT i jgu uzq10

□ □ □ □ □ k □ □ □

KNX/E



KNX/EIB

1

□ □ □

□

I WBD n p e f

2czuf qfsdfoubhf

ôT i jgu ov n c f s ŏ

□ □ □ □ □ □ □ □ 10 k

□ “1byte unsigned value” ! “Scene number” □ “1byte percentage” □ □ □ 102030///021

□ “HVAC mode” □ □ □ 2030405

ôWbmv f y ŏ y > 2 21 y > 2 5*

□ □ □ □ k

□ “1byte unsigned value” □ □ □ 1///366

□ “Scene number” □ □ □ □

Tdfof OP/2

Tdfof OP/3

Tdfof OP/4

///

Tdfof OP/75

□ “HVAC mode” □ □ □ □

Dp n g p s u n p e f □

Tuboecz n p e f

Fdpopnz n p e f □

Gsptu0 i f b u q s p u f d u j p o

□ “1byte percentage” □ □ □ □

1&

2&



KNX/EIB

1 ☐☐ ☐ ☐☐

///

211&

0Ejsfdujpo0

☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐

Gsp n mp x f tu up ij h i f tu boe tupq up ui f foe

Gsp n ij h i f tu up mp x f tu boe tupq up ui f cfhjo

Gsp n mp x f tu up ij h i f tu boe dzd mjdbmmz

Gsp n ij h i f tu up mp x f tu boe dzd mjdbmmz

From lowest to highest and stop to the end ☐ ☐ ☐ kFrom highest to lowest and stop to the begin ☐ ☐ ☐ kFrom lowest to highest and cyclically ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ kFrom highest to lowest and cyclically ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k

0Sftfugvdujpo0

☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐

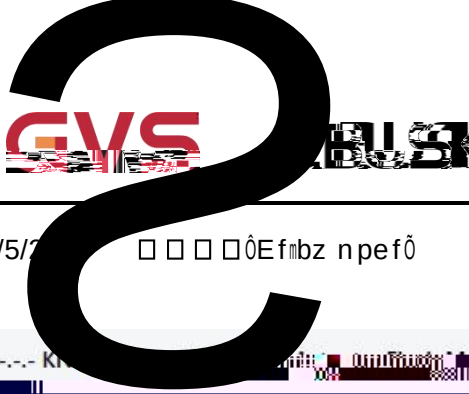
Ejtbcmf

Fobcmf cz mpoh pqfsbujpo

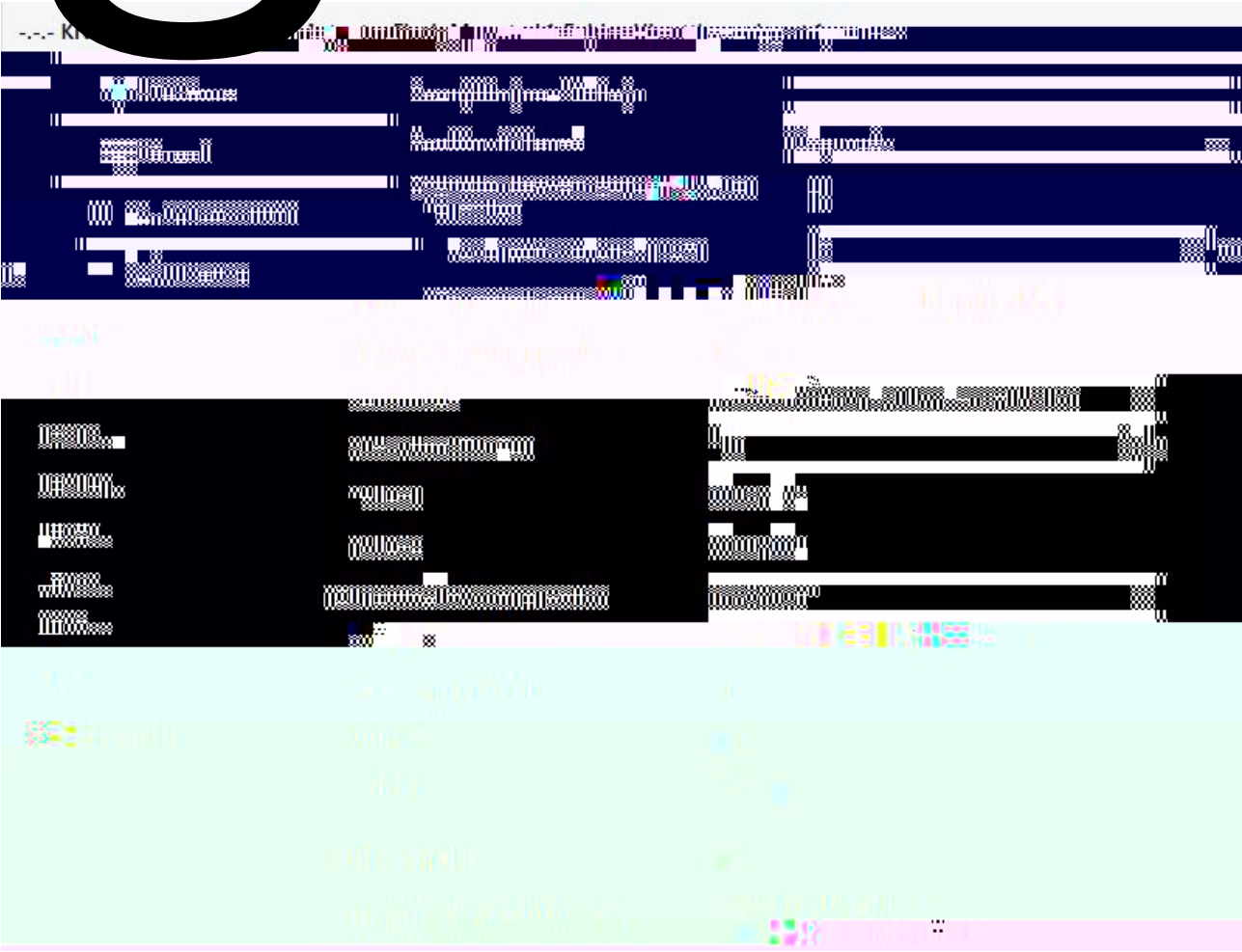
Disable ☐ ☐Enable by long operation ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k



5.4.1



6/5/7 □ □ □ □ Ê f m b z n p e f ð



5.4.1.8 "Input x- Delay lay

Op bdujpo x i fo qsftt-efmbz ui fo tfoe wbmvf 2

□ □ □ 2

Op bdujpo x i fo qsftt-efmbz ui fo tfoe wbmvf 3

□ □ □ 3

Tfoe wbmvf 2 x i fo qsftt-efmbz ui fo tfoe wbmvf 3

2□ □ □ 3

Tfoe wbmvf 3 x i fo qsftt-efmbz ui fo tfoe wbmvf 2

3□ □ □ 2

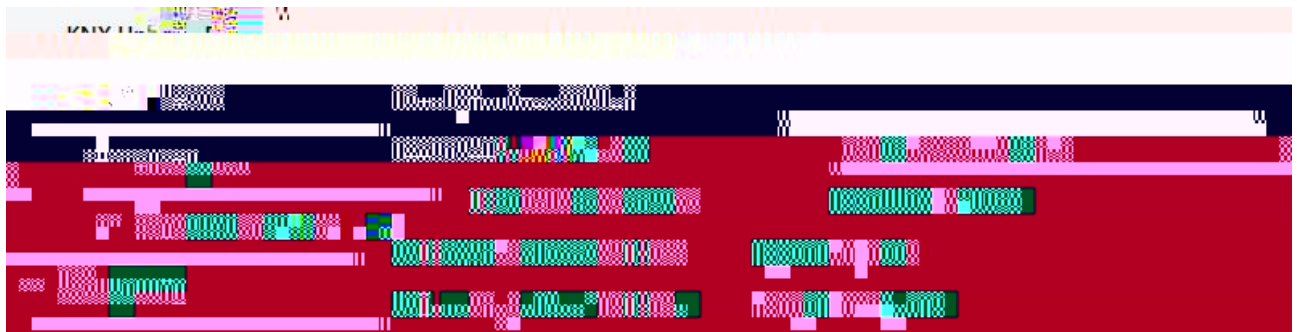
□ E fmbz uj n f \1//7611^□

□ □ □ k □ □ □ 1//7611 t

□ wbmvf 203 V//^□

□ □ □ 1/2 k □ □ □ k

6/5/3/ □ □ □ □ òMFE yō



Control by external object



Always on

5.4.2 "LED x" □ □ □ □

□ Tubiv t MFE joejdbujpo □

□ □ □ LED □ □ □ □ □ □

Op of



KNX/EIB

1

□ □ □

□

Dpousp₁ cz fyufsob₁ pckfduB₁xbzt po

None□ □ k

Control by external object□ □ □ LED □ □ □ □ □ k

Always□ □ k

□ Control by external object □ □

□ Fyufsob₁ pckfdu ebubuzqf □

□ □ □ LED □ □ □ k □ □ □

2cju

2czuf

ÔX i fo pckfdu wb₁vf >01020- MFE jtÔ

□ 1bit □ □ k LED □ □ □ 1□ □ 0□ □ □ □ k □ □ □

PGG

PO

□ Uisft i p₁re wb₁vf jt □

□ 1byte □ □ k □ □ LED □ □ □ k □ □ □ 2///366

ÔJg pckfdu wb₁vf=uisft i p₁re wb₁vf- MFE jtÔ

□ 1byte □ □ k □ □ □ □ □ LED □ □ □ k □ □ □

PGG

PO

ÔJg pckfdu wb₁vf>uisft i p₁re wb₁vf- MFE jtÔ

□ 1byte □ □ k □ □ □ □ □ LED □ □ □ k □ □ □

PGG



KNX/EIB

1

PO

ÔJg pckfdu wbmvf?u isft i pme wbmvf- MFE jtÔ

1byte k LED k

PGG

PO

6/6/ ☐ ☐ ☐ ☐ 0Mphjd0

KNX Secure

General

Outputs setting

UI setting

Logic function

1st Logic function

2nd Logic function

3rd Logic function

4th Logic function

5th Logic function

6th Logic function

7th Logic function

8th Logic function

KNX Secure

General

Description for logic function

Function of channel

5.5 "Logic function setting"

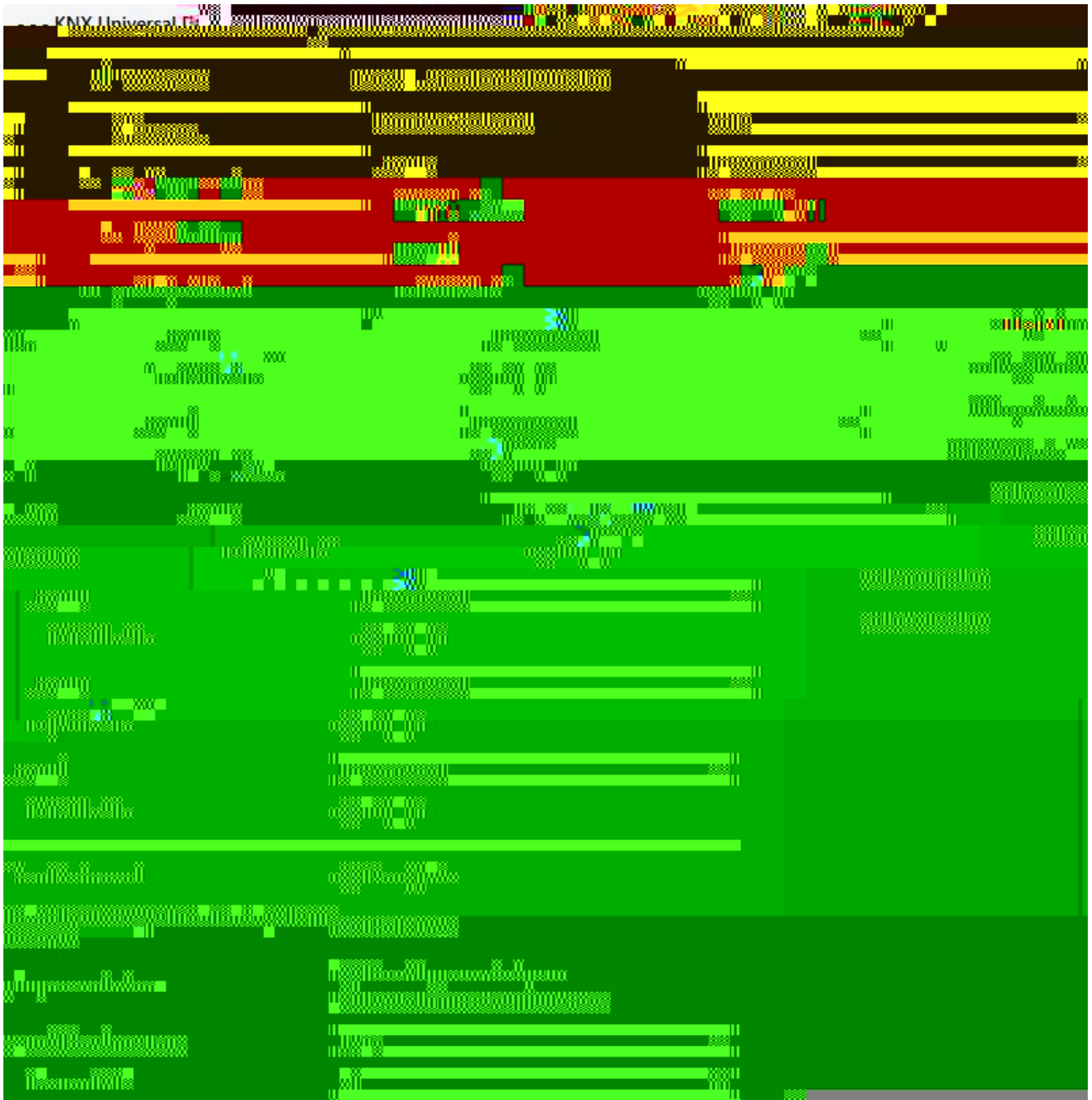
AND

☐ ☐ ☐ ☐

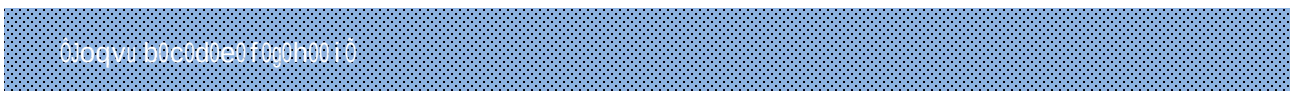
02tu03oe04se/// Mphjd gvoduipo0

☐ ☐ ☐ ☐☐ ☐ ☐ ☐ ☐ ☐☐☐ ☐ ☐ ☐ k☐ 8

6/6/20BOE0PS0YPS0



5.5.1 "AND/OR/XOR"



0logv; b0c0d0e0f0g0h00i0

Input x

Ejtdpoofdufe

Ops n b

Jowfsufe



KNX/EIB

1 ☐☐ ☐ ☐☐Disconnected ☐ ☐ ☐ ☐ ☐Normal ☐ ☐ ☐ ☐ ☐Inverted ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐ ☐ k

0Efgbv mu wbm v f 0

☐ ☐ ☐ ☐ ☐ Input x ☐ k ☐ ☐

1

2

0Sftvu jt jowfsufe0

☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐

Op

Zft

No ☐ ☐ ☐Yes ☐ ☐ ☐ k

0Sfbe joqv pcfdu wbrv f bgufs wpubhf sfdpwfsz0

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐

Op

Zft

0Pvuqv tfoe x i fo0

☐ ☐ ☐ ☐ ☐ ☐ ☐ k ☐ ☐

Sfdfjw joh b of x ufm fhsbn

Fwfsz di boh f pg pvuqv pckfdu

Receiving a new telegram ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐Every change of output object ☐ ☐ ☐ ☐ ☐ k



KNX/EIB

1

k

OTfoe ef: bz ujn f0

Cbtf; Opof

1/2t

2t

///

21t

36t

Gbdups; 2//366

k

Base × Factor

Base

“None”

k

6/6/3/0Hbuf gpsxbsejoh0



5.5.2 “Gate forwarding”

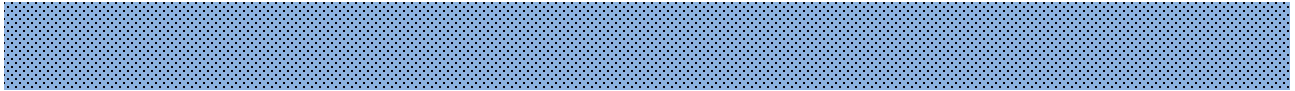


KNX/EIB

1 ☐

☐ ☐ ☐

☐





5.5.3 "Thres*h



KNX/EIB

1 ☐

☐ ☐ ☐

☐

1//53:5:783:6 0Fyu/ uf n qfsbuvsf wbmvf)EQU :/112Đž



KNX/EIB

1

0Pvuqvu tfoe x i fo0

□ □ □ □ □ □ □ □ k □ □ □

Sfd f j w j o h b o f x u f m f h s b n

Fwfsz d i b o h f p g p v u q v u p c k f d u

Receiving a new telegram □ □ □ □ □ □ □ □ □ □ □ □

Every change of output object □ □ □ □ □ □ □ k

□ □ □ □ □ □ □ □ □ □ k



KNX/EIB

1

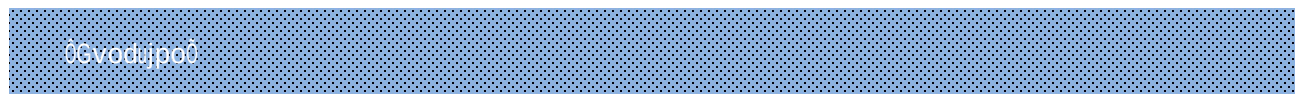


6/6/5/0Gps n bu dpowfsu0

--- KNX Universal Dimming Actuator, Flush Mounted, 1-Fold > Logic function > 1st Logic function

KNX Secure	Description for logic function	
General	Function of channel	Format convert
Outputs setting	Function	2x1Bit-->1x2Bit
UI setting	Output send when	☐ Receiving a new telegram ☐ Every change of output object

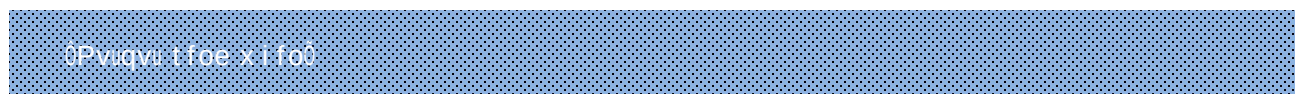
5.5.4 "Format convert"



0Gvodujpo0

□ □ □ □ □ □ □ □ k □ □ □

3y2cju..?2y3cju
9y2cju..?2y2czuf
2y2czuf..?2y3czuf
3y2czuf..?2y3czuf
3y3czuf..?2y5czuf
2y2czuf..?9y2cju
2y3czuf..?3y2czuf
2y5czuf..?3y3czuf
2y4czuf..?4y2czuf
4y2czuf..?2y4czuf



0Pvuqv tfoe x i fo0

□ □ □ □ □ □ □ □ k □ □ □

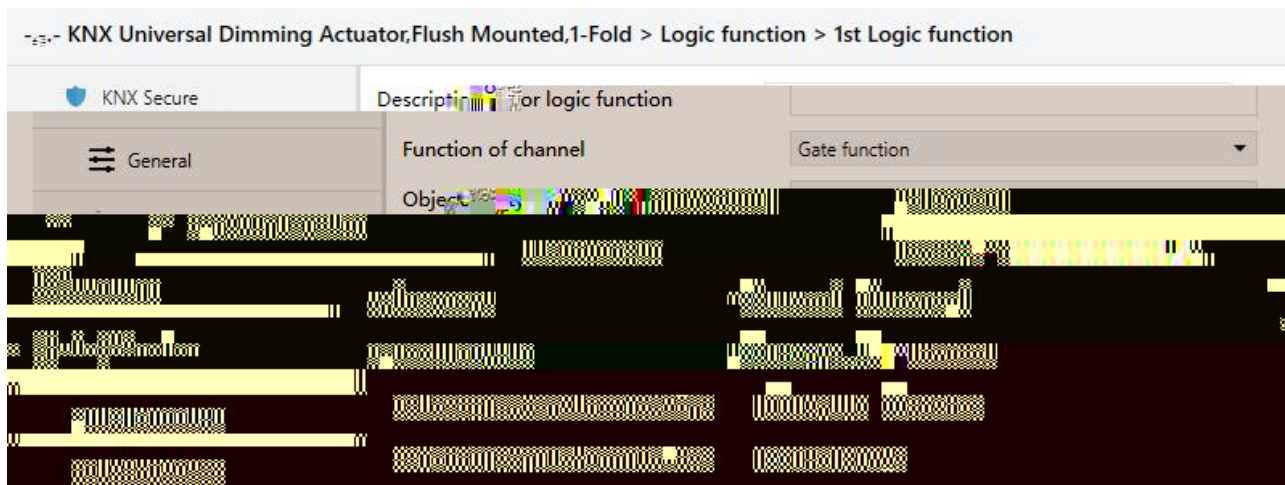
Sfdfjwjoh b of x uf fhsbn
Fwfsz di boh f pg pvuqv pckfdu

Receiving a new telegram □ □ □ □ □ □ □ □ □ □ □ □

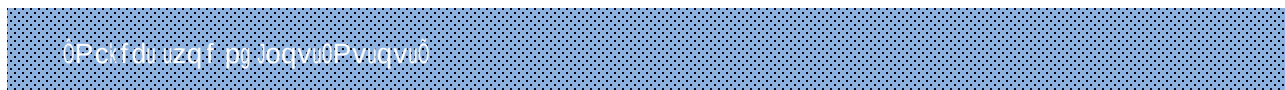
Every change of output object □ □ □ □ □ □ □ k

□ □ □ □ □ □ □ □ □ k

6/6/6/Hbuf gvdujpo



5.5.5 "Gate function"



/ k

2cju\Po0Pgg^

2czuf\1//211&^

2czuf\1//366^

3czuf\Mxn

KNX/EIB

1 □

□ □ □

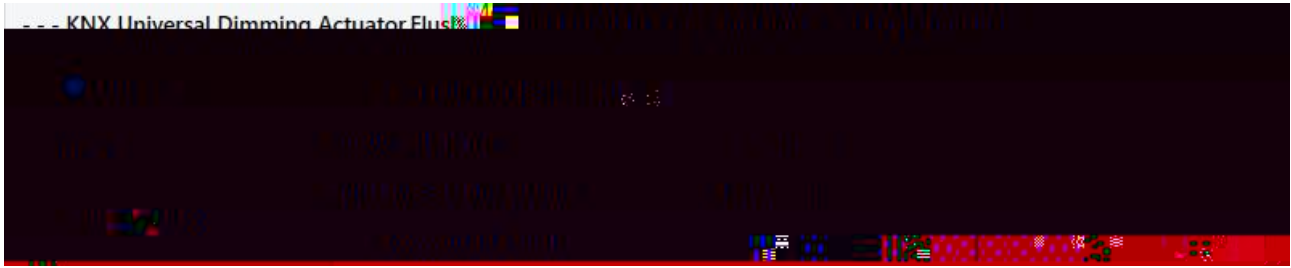




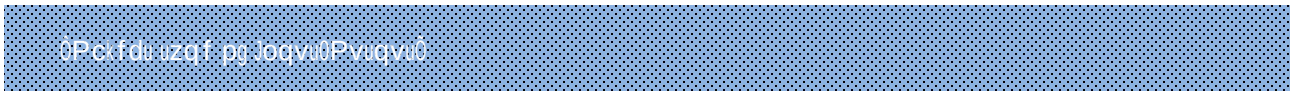
KNX/EIB

1

6/6/7/0E fmbz gvdujpo0



5.5.6 "Delay function"



0Pcxfduzqf pg loqvu0Pvuqvu0

/ k

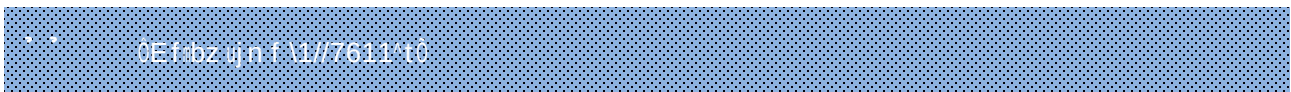
2cju\Po0Pgg^

2czuf\1//211&^

2czuf\1//366^

3czuf\Gmpbu^

3czuf\1//76646^



* * 0Efmbz ujnf \1//7611^t0

k 1//7611

k



KNX/EIB

1

k

1bit

PGG

PO

1byte

0Sfusjhhfsjoh0

k

Ejtbcnf

Fobcnf

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
78												
87	Channel A...	Operation voltage failure			1 bit	C	R	-	T	-	alarm	Low
88	Channel A...	Scene			1 byte	C	-	W	-	-	scene control	Low

☐	☐ ☐	☐	☐		DPT
89	Txjudijoh	Diboof B. /~	2cju	D-X	2/112 txjudi
<div> ☐ ☐ ☐ ☐ / ☐ ☐ k ☐ </div> <div> ☐ 1' ☐ </div> <div> ☐ 0' ☐ </div> <div> ☐ ☐ "Description (max 30char.)" ☐ ☐ ☐ ☐ ☐ ☐ "Channel" </div> <div> A-... " k k </div>					
8:	Sfbujwf ejn njoh	Diboof B. /~	5cju	D-X	4/118 ejn njoh
<div> ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ k </div> <div> ☐ 1~7 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ 1 ☐ ☐ </div> <div> ☐ 7 ☐ 0 ☐ ☐ ☐ 9~15 ☐ ☐ ☐ ☐ ☐ ☐ ☐ </div> <div> ☐ ☐ 9 ☐ ☐ ☐ 15 ☐ ☐ 8 ☐ k </div>					
91	Bctpvuf ejn njoh	Diboof B. /~	2czuf	D-X	6/112 qfsdfoubhf
<div> ☐ ☐ ☐ ☐ ☐ ☐ k ☐ 0...100% </div>					



KNX/EIB

1 ☐

☐ ☐ ☐

☐

92

Txjudijoh- tubvt

Diboofn B. |||/~

2cju

D-S-U

2/112 txjudi

☐ ☐ ☐ ☐ ☐

☐

☐

☐

k

☐



KNX/EIB

1 □

□ □ □

□

□ □ □ □ □ □ □ □ 8bit □ □ □ □ □ □ k □ □ □ □ 8bit □ k

□ 8bit (□ □ □) □ F X N N N N N N

F □ '0' □ □ □ '1' □

X □ 0 □

N N N N N N □ □ 0...63 □ k

□ □ □ □

□ □	□
0	□ □ 1
1	□ □ 2
2	□ □ 3
...	...
63	□ □ 64
128	1
129	2
130	3
...	...
191	64

E 128 129 130 191 128 129 130 191

□ □ □ □ 1~64 □ □ □ □ "Scene" □ □ 0~63 k □ □ □ □

1 □ □ □ □ "Scene" □ □ 0 k

9: E f m b z t x j u d i D i b o o f n B . | / / / ~ ~ 2 c j u D - X 2 / 1 1 2 t x j u d i



KNX/EIB

1

□ □ □

□

:2	Tubjsdbt f njh i u j o h Q s f x b s o j o h	D i b o o f B. / ~ ~	2cju	D-S-U	2/116 b m b s n
<p>□ □ □ □ Staircase lighting □ □ □ □ □ □ □ □ □ □ k □ □ □</p> <p>□ □ □ □ k □</p> <p>1' □ □</p> <p>0' □ □ □</p>					
:3	Uisft i p m e j o q v u	D i b o o f B. / ~ ~	2czuf 3czuf	D-X	6/121 dpvoufs qvmt f t) 1 // 366* 6/112 qfsd f o u b h f :/112 u f n q f s b u v s f :/115 c s j h i u o f t t) m v y *
<p>□ □ □ □ □ □ □ □ k □ □ □ □ k</p>					
:4	Uisft i p m e w b m v f 2	D i b o o f B. / ~ ~	2czuf 3czuf	D-X-S	6/121 dpvoufs qvmt f t) 1 // 366* 6/112 qfsd f o u b h f :/112 u f n q f s b u v s f :/115 c s j h i u o f t t) m v y *
:5	Uisft i p m e w b m v f 3	D i b o o f B. / ~ ~	2czuf 3czuf	D-X-S	6/121 dpvoufs qvmt f t) 1 // 366* 6/112 qfsd f o u b h f :/112 u f n q f s b u v s f :/115 c s j h i u o f t t) m v y *
<p>□ □ □ □ □ □ □ □ k □ □ 1/2 □ □ □ k</p> <p>□ □ □ □ □ □ ETS □ k □ □ □ 1 □ □ □ □ □ 2 □</p> <p>□ □ k</p>					
:6	Gpsd f e p q f s b u j p o	D i b o o f B. / ~ ~	2cju 3cju	D-X	2/114 f o b c m f 3/112 EQU`T x j u d i d p o u s p m
<p>□ □ □ □ □ k □ □ □ □ □ □ □ k</p> <p>1bit □ □ 1 □ □ □ □ □ □ □ □</p> <p>□ 0 □ □ □ □ □ □ □ k</p> <p>2bit □ □ 3 □ □ □ □ 2 □ □ □ □</p> <p>□ 1 □ □ 0 □ □ □ k</p> <p>□ □ □ □ □ □ □ □ k</p>					

□ 6.2 "Output setting" □ □ □ □

7/4/0VJ t fuujohô □ □ □

7/4/2/0Joqv yô □ □ □

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
190	Input 1-...	Switch			1 bit	C	-	W	T	U	switch	Low
190	Input 1-...	Press, Switch			1 bit	C	-	W	T	U	switch	Low
191	Input 1-...	Release, Switch			1 bit	C	-	W	T	U	switch	Low
190	Input 1-...	Short, Switch			1 bit	C	-	W	T	U	switch	Low
191	Input 1-...	Long, Switch			1 bit	C	-	W	T	U	switch	Low
194	Input 1-...	Disable			1 bit	C	-	W	-	-	enable	Low

Switch

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
190	Input 1-...	Short, Switch			1 bit	C	-	W	T	U	switch	Low
191	Input 1-...	Long, Switch			1 bit	C	-	W	T	U	switch	Low
194	Input 1-...	Disable			1 bit	C	-	W	-	-	enable	Low

Dimming

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
190	Input 1-...	Short, 1bit value			1 bit	C	-	W	T	U	switch control	Low
191	Input 1-...	Long, 2bit value			2 bit	C	-	-	T	-	switch control	Low
194	Input 1-...	Disable			1 bit	C	-	W	-	-	enable	Low

Value output

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
190	Input 1-...	Scene			1 byte	C	-	-	T	-	scene control	Low
194	Input 1-...	Disable			1 bit	C	-	W	-	-	enable	Low
190	Input 1-...	Press, Scene			1 byte	C	-	-	T	-	scene control	Low
191	Input 1-...	Release, Scene			1 byte	C	-	-	T	-	scene control	Low
190	Input 1-...	Short, Scene			1 byte	C	-	-	T	-	scene control	Low
191	Input 1-...	Long, Scene			1 byte	C	-	-	T	-	scene control	Low

Scene control

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
190	Input 1-...	Scene			1 byte	C	-	-	T	-	scene control	Low
191	Input 1-...	Scene			1 byte	C	-	-	T	-	scene control	Low
194	Input 1-...	Disable			1 bit	C	-	W	-	-	enable	Low

Blind

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
190	Input 1-...	Scene			1 byte	C	-	-	T	-	scene control	Low
191	Input 1-...	Scene			1 byte	C	-	-	T	-	scene control	Low
194	Input 1-...	Disable			1 bit	C	-	W	-	-	enable	Low

Shift register



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1

Number	Name	Object Function	Description	Group Address	Length

Multiple operation

Number	Name	Object Function	Description	Group Address	Length
190	Input	Short, Delay mode	1 bit	C	1 bit

Delay mode

6.3.1 "Input x"

					DPT
2:1	Txjud i	Joqv u 2. ~ ~	2cju	D-X-U-V	2/112 EQU`Txjud i
2:1	Qsf t t- Txjud i	Joqv u 2. ~ ~	2cju	D-X-U-V	2/112 EQU`Txjud i
2:1	T i p s u- Txjud i	Joqv u 2. ~ ~	2cju	D-X-U-V	2/112 EQU`Txjud i
2:2	Sf n f b t f- Txjud i	Joqv u 2. ~ ~	2cju	D-X-U-V	2/112 EQU`Txjud i
2:2	Mpoh- Txjud i	Joqv u 2. ~ ~	2cju	D-X-U-V	2/112 EQU`Txjud i

/ 1 2 k

1 "Switch" k 2 "Press/Release"

"Short/Long" k

0

1

Description (max 30char.) Input 1-...k

k

2:1	T i p s u- Txjud i	Joqv u 2. ~ ~	2cju	D-X-U-V	2/112 EQU`Txjud i
2:2	Mpoh- E j n n joh	Joqv u 2. ~ ~	5cju	D-X-U	4/118 EQU`E j n n joh dpousp

/ k

Obj.190 k



11/11/2019 11:11:11

11/11/2019 11:11:11

11/11/2019 11:11:11

11/11/2019 11:11:11

11/11/2019 11:11:11

Obj.191

11/11/2019 11:11:11

1~7

11/11/2019 11:11:11

7

0

11/11/2019 11:11:11

9~15

11/11/2019 11:11:11

9

11/11/2019 11:11:11

15

11/11/2019 11:11:11

8

11/11/2019 11:11:11

2:1

Qsf tt-2cju0///03czuf wbnvf

Joqvu 2.||||/~

2cju

D-U

2/112 EQU`Txjud i

3cju

3/112 EQU`Twjud i dpousp

5cju

4/118 EQU`Ejn njoh dpousp

2czuf

6/121 EQU`dpvouf p

3czuf

3cz

BT

qbon

EOWA

96A

:|no

:|hwy

Dn

:

11/11/2019 11:11:11



KNX/EIB

1

□ □ □

□

□ 8bit (□ □ □) □ FXNNNNNN

F □ '0' □ □ □ '1' □

X □ 0 □

N □ □ □ □ □ □ 0...63 □ k

□ □ □ □ □ □

□ □	□
□	□ □ 1
1	□ □ 2
2	□ □ 3
...	...
63	□ □ 64
128	1
129	2
130	3
...	...
191	64

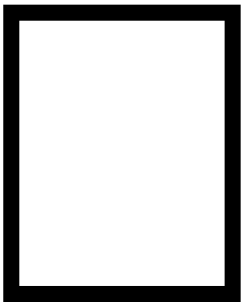
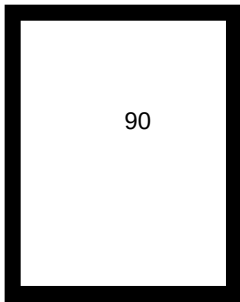
5' || \ \

□ □ □ □ 1~64 □ □ □ □ "Scene" □ □ 0~63 k □ □ □ □

1 □ □ □ □ "Scene" □ □ 0 k

2:1 Vq0Epxo- Cjoe Joqv u 2. ||| / ~ ~ 2cju D-X-U

”





KNX/EIB

1

□ □ □

□

□ □ □ □ □ □ □ k □ □ □ □ □ □ □ k

2:10	Pckfdu y.Po0Pgg	2cju	D-X-U	2/112 EQU`Txjud i
2:20	Pckfdu y.Vq0Exo	2cju	D-X-U	2/119 EQU`vq0epxo
2:30	Pckfdu y.Tdf ofDpousp	Joqv u 2. /~	2czuf	D-U 29/112 EQU`Tdf ofDpousp
2:40	Pckfdu y.Qfsdfoubhf	2czuf	D-U	6/112 EQU`Tdbjoh
	Pckfdu y.Votjhofe wbmvf	2czuf	D-U	6/121 EQU`dpvoufs qvmtft

□ □ □ □ □ □ □ 4 □ x=1,2,3,4 □ □ □ □ □ □ □ □

□ 4 □ □ □ □ k □ □ □ □ □ □ □ □ k

2:1	Qsf tt-Efmbz npef	Joqv u 2. /~	2cju	D-U	2/112 EQU`Txjud i
2:1	Tipsu-Efmbz npef	Joqv u 2. /~	5cju	D-U	4/118 EQU`Ej n n joh dpousp
2:2	Mpoh-Efmbz npef	Joqv u 2. /~	2czuf	D-U	6/121 EQU`dpvoufs qvmtft

□ □ □ □ □ □ □ "Press" □ □ "Short/Long" k

□ □ □ □ □ □ □ k

2:5 Ejtbcf Joqv u 2.||||/~ 2cju D-X 2/114 EQU`fobcmf

□ □ □ □ / □ □ □ □ □ k



7/5/0Mphjd0 □ □ □

7/5/2/0BOE0PS0YPS0 □ □ □ □

Number	Name	Object Function	Description	Group Address	Length	Control	W	T	U	Data Type	Pin

6.4.1 “AND/OR/XOR” □ □ □

□	□ □	□	□		DPT
70//024	Joqvü b0c0//0 i	2tü Mphjd~	2cju	D-X-U-V	2/113 cppmfbo
<div>□ □ □ □ □ □ □ □ Input a/b/./h □ k</div> <div>□ □ □ “Description for logic function” □ □ □ □ □ □ □ “1st</div> <div>Logic” k k</div>					
25	Mphjd sf tvü	2tü Mphjd~	2cju	D-U	2/113 cppmfbo
<div>□ □ □ □ □ □ □ □ □ □ □ k</div>					

□ 6.4.1 “AND/OR/XOR” □ □ □ □

7/5/4/0U is f t i p m e d p n q b s b u p s 0 □ □ □ □

Number	Name	Object Function	Description	Group Address	Length	C	F	W	U	Data Type	Priori	
6	1st Logic	Threshold value input			1 byte	C	-	W	-	U	counter pulses (0..255)	Low
6	1st Logic	Threshold value input										
6	1st Logic	Threshold value input										
6	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	2-byte float value	Low
6	1st Logic	Threshold value input			4 bytes	C	-	W	-	U	counter pulses (unsigned)	Low
6	1st Logic	Threshold value input			2 bytes	C	-	W	-	U	temperature (°C)	Low
6	1st Logic	Threshold value input										
6	1st Logic	Threshold value input										

6.4.3 "Threshold comparator" □ □ □

□	□ □	□	□		DPT
7	U is f t i p m e w b i v f j o q v u	2tu Mphjd~	5cju 2czuf 3czuf 5czuf	D-X-V	4/118 ej n n joh 6/121 dpvoufs qvmt f t 8/112 qvmt f t 23/112 dpvoufs qvmt f t
□ □ □ □ □ □ □ k					
25	Mphjd sf tv mu	2tu Mphjd~	2cju	D-U	2/113 cppnf bo
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ k					

□ 6.4.3 "Threshold comparator" □ □ □

7/5/5/0Gps n bu dpowfsu0 □ □ □ □

Number	Name	Object Function	Description	Group Address	Length	C	F	W	U	Data Type	Priori	
6	1st Logic	Input 1bit-bit0			1 bit	C	-	W	-	U	boolean	Low
7	1st Logic	Input 1bit-bit1			1 bit	C	-	W	-	U	boolean	Low
14	1st Logic	Output 2bit			2 bit	C	-	W	-	U	boolean	Low

"2x1bit --> 1x2bit" □ □ 2 1bit □ 2bit □ Input bit1=1, bit0=0--> Output 2bit=2

Number	Name	Object Function	Description	Group Address	Length	C	F	W	U	Data Type	Priori	
8	1st Logic	Input 1bit-bit0			1 bit	C	-	W	-	U	boolean	Low
9	1st Logic	Input 1bit-bit1			1 bit	C	-	W	-	U	boolean	Low
10	1st Logic	Input 1bit-bit2			1 bit	C	-	W	-	U	boolean	Low
11	1st Logic	Input 1bit-bit3			1 bit	C	-	W	-	U	boolean	Low
12	1st Logic	Input 1bit-bit4			1 bit	C	-	W	-	U	boolean	Low
13	1st Logic	Input 1bit-bit5			1 bit	C	-	W	-	U	boolean	Low
14	1st Logic	Output 1byte			1 byte	C	-	W	-	U	counter pulses (0..255)	Low

"8x1bit --> 1x1byte" □ : 8 1bit □ 1byte □ Input bit2=1, bit1=1, bit0=1, 0--> Output 1byte=7

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Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Prior
1	1st Logic	Input 1byte	Input 1byte=125--> Output 2byte=125,		1byte							

"2x1byte --> 1x2byte" 2 1byte 2byte Input 1byte-low = 255 (\$FF), Input 1byte-high = 100 (\$64) --> Output 2byte = 25855 (\$64 FF)

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Prior
2	1st Logic	Input 2byte	Input 2byte-low = 65530 (\$FF FA), Input 2byte-high = 32768 (\$80 00)--> Output 2byte = 2147549178 (\$80 00 FF FA)		2byte							

"2x2byte --> 1x4byte" 2 2byte 4byte Input 2byte-low = 65530 (\$FF FA), Input 2byte-high = 32768 (\$80 00)--> Output 2byte = 2147549178 (\$80 00 FF FA)

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Prior
4	1st Logic	Output 1bit-bit0	Output 1bit-bit0		1bit						boolean	Low
8	1st Logic	Output 1bit-bit1	Output 1bit-bit1		1bit						boolean	Low
12	1st Logic	Output 1bit-bit2	Output 1bit-bit2		1bit						boolean	Low
16	1st Logic	Output 1bit-bit3	Output 1bit-bit3		1bit						boolean	Low
20	1st Logic	Output 1bit-bit4	Output 1bit-bit4		1bit						boolean	Low
24	1st Logic	Output 1bit-bit5	Output 1bit-bit5		1bit						boolean	Low
28	1st Logic	Output 1bit-bit6	Output 1bit-bit6		1bit						boolean	Low
32	1st Logic	Output 1bit-bit7	Output 1bit-bit7		1bit						boolean	Low

"1x1byte --> 8x1bit" 1 1byte 8 1bit Input 1byte=200 --> Output bit0=0, bit1=0, bit2=0, bit3=1, bit4=0, bit5=0, bit6=1, bit7=1

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Prior
6	1st Logic	Input 2byte	Input 2byte		2 bytes						pulses	Low
13	1st Logic	Output 1byte-low	Output 1byte-low		1 byte						counter pulses (0..255)	Low
14	1st Logic	Output 1byte-high	Output 1byte-high		1 byte						counter pulses (0..255)	Low

"1x2byte --> 2x1byte" 1 2byte 2 1byte Input 2byte = 55500 (\$D8 CC) --> Output 1byte-low = 204 (\$CC), Output 1byte-high = 216 (\$D8)

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Prior
6	1st Logic	Input 4byte	Input 4byte		4 bytes						counter pulses	Low

"1x4byte --> 2x2byte" 1 4byte 2 2byte Input 4byte = 78009500 (\$04 A6 54 9C) --> Output 2byte-low = 21660 (\$54 9C), Output 2byte-high = 19000 (\$04 A6 54 9C)



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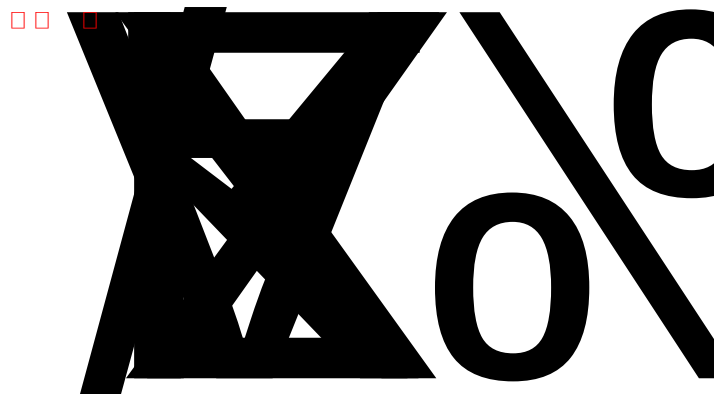
1

Number	Name	Object Function	Description	Group Address	Length	Control	W	T	U	Data Type	DPT

“3x1byte --> 1x3byte” 3 1byte 1 3byte Input 1byte-low = 150 (\$96), Input 1byte-middle = 100 (\$64), Input 1byte-high = 50 (\$32)--> Output 3byte = \$32 64 96

6.4.4 “Format convert”

					DPT
7	Joqvu ///	2tu Mphjd~	2cju 2czuf 3czuf 4czuf 5czuf	D-X-V	2/112 txjud i 6/121 dpvoufs qvnt f t)1//366* 8/112 qvnt f t 343/711 SHC wbnv f 4y)1//366* 23/112 dpvoufs qvnt f t
25	Pvuqvu ///	2tu Mphjd~	2cju 3cju 2czuf 3czuf 4czuf 5czuf	D-U	2/112 txjud i 3/112 txjud i dpousp 6/121 dpvoufs qvnt f t)1//366* 8/112 qvnt f t 343/711 SHC wbnv f 4y)1//366* 23/112 dpvoufs qvnt f t





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7/5/6/Hbuf gvodujpoð □ □ □

Number	Name	Object Function	Description	Group Address	Y	C	F	U	Data Type	Priority
6	1st Logic	Input				1 bit	C	-	switch	Low
7	1st Logic	Gate input				1 bit	C	-	boolean	Low
14	1st Logic	Output				1 bit	C	-	switch	Low
Input/Output - 1bit[On/Off]										
6	1st Logic	Input				1 byte	C	-	percentage (0..100)	Low
7	1st Logic	Gate input								
Input/Output - 1byte[0..100%]										
6	1st Logic	Input				1 byte	C	-	counter pulses (0..255)	Low
7	1st Logic	Gate input								
Input/Output - 1byte[0..255]										
6	1st Logic	Input				2 bytes	C	-	temperature (°C)	Low
7	1st Logic	Gate input								
Input/Output - 2byte[Float]										
6	1st Logic	Input				2 bytes	C	-	pulses	Low
7	1st Logic	Gate input				1 bit	C	-	boolean	Low
14	1st Logic	Output				2 bytes	C	-	pulses	Low
Input/Output - 2byte[0..65535]										

6.4.5 "Gate function" □ □ □

□	□	□	□	□	DPT
					2/112 t xjud i
				2cju	6/112 qfsdfoubhf
7	Joqvü	2tu Mphjd~	2czuf	D-X	6/121 dpvoufs qvnt f t
			3czuf		:/112 uf n qfsbuvsf
					8/112 qvnt f t

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8	Hbuf joqvü	2tu Mphjd~	2cju	D-X	2/113 cppnfbo
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□ □ □ □ □ □ □ □ k

					2/112 t xjud i
			cju		6/112 qfsdfoubhf
25	Pvuqvü	2tu Mphjd~	2czuf	D-U	6/121 dpvoufs qvnt f t
			3czuf		:/112 uf n qfsbuvsf
					8/112 qvnt f t

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Number	Name	Object Function	Description	Group	Address	Length	C	R	W	T	U	Data Type	Priori
6	1st Logic	Input	1bit[On/Off]			1 byte	C	-	W	-	-	counter pulses (0..255)	Low
14	1st Logic	Output	1byte[0..100%]			1 byte	C	-	-	T	-	counter pulses (0..255)	Low
6	1st Logic	Input	1byte[0..255]			2 bytes	C	-	W	-	-	temperature (°C)	Low
14	1st Logic	Output	2byte[Float]			2 bytes	C	-	-	T	-	pulses	Low
6	1st Logic	Input	2byte[0..65535]			2 bytes	C	-	W	-	-	pulses	Low
14	1st Logic	Output	2byte[0..65535]			2 bytes	C	-	-	T	-	pulses	Low

6.4.6 "Delay function" □ □ □

□	□ □	□	□		DPT
7	Joqvü	2tu Mphjd~	2cju 2czuf 3czuf	D-X	2/112 t xjud i 6/112 qfsdfoubhf 6/121 dpvoufs qvnt f t :/112 uf n qfsbuvsf 8/112 qvnt f t
□ □ □ □ □ □ □ k					
25	Pvuqvü	2tu Mphjd~	2cju 2czuf 3czuf	D-U	2/112 t xjud i 6/112 qfsdfoubhf 6/121 dpvoufs qvnt f t :/112 uf n qfsbuvsf 8/112 qvnt f t
□ □ □ □ □ □ □ □ □ k					

□ 6.4.6 "Delay function" □ □ □ □



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Number	Name	Object	Object type	Description	Group Address	Value	Unit	Data Type	Priority
6	1st Logic	Trigger value	1 bit	C - - - - -	trigger	Low			
11	1st Logic	Light-on delay	2 bytes	C - W - - -	time (s)	Low			
14	1st Logic	Output	1 bit	C - - - T -	switch	Low			
4	1st Logic	Output	1 byte	C - - - T -	counter pulses (0..255)	Low			

6.4.7 "Staircase lighting" □ □ □

□	□ □	□	□		DPT
7	Usjhh fs w b i v f	2tu Mphjd~	2cju	D-X	2/128 usjhh fs
□ □ □ □ □ □ □ □ k					
8	Mj h i u . p o e v s b u j p o u j n f	2tu Mphjd~	3czuf	D-X	8/116 u j n f) t *
□ □ □ □ □ □ □ □ □ □ □ □ □ k					
25	Pvuqv u	2tu Mphjd~	2cju 2czuf	D-U	2/112 t x j u d i 6/121 d p v o u f s q v n t f t
□ □ □ □ □ 1 □ □ □ 2 k □ □ □ □ k					

□ 6.4.7 "Staircase lighting" □ □ □