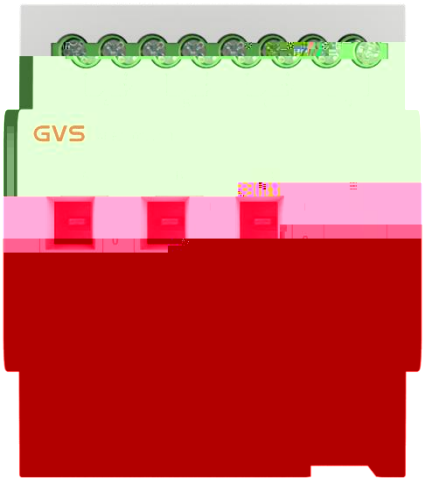
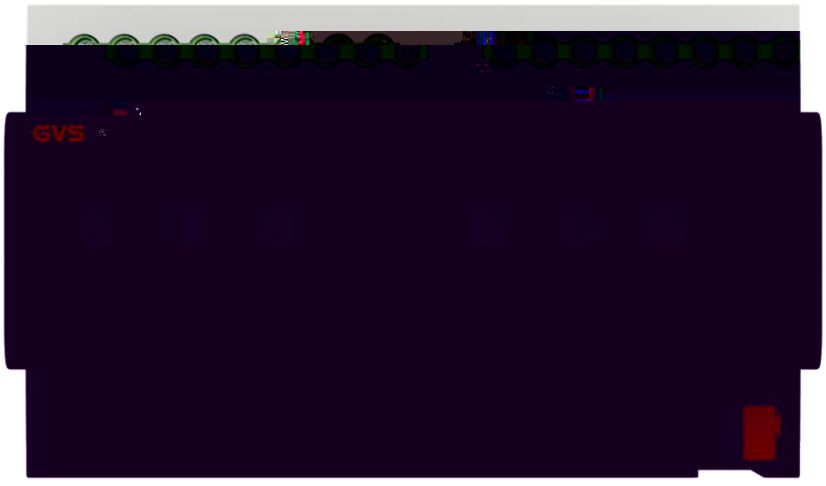
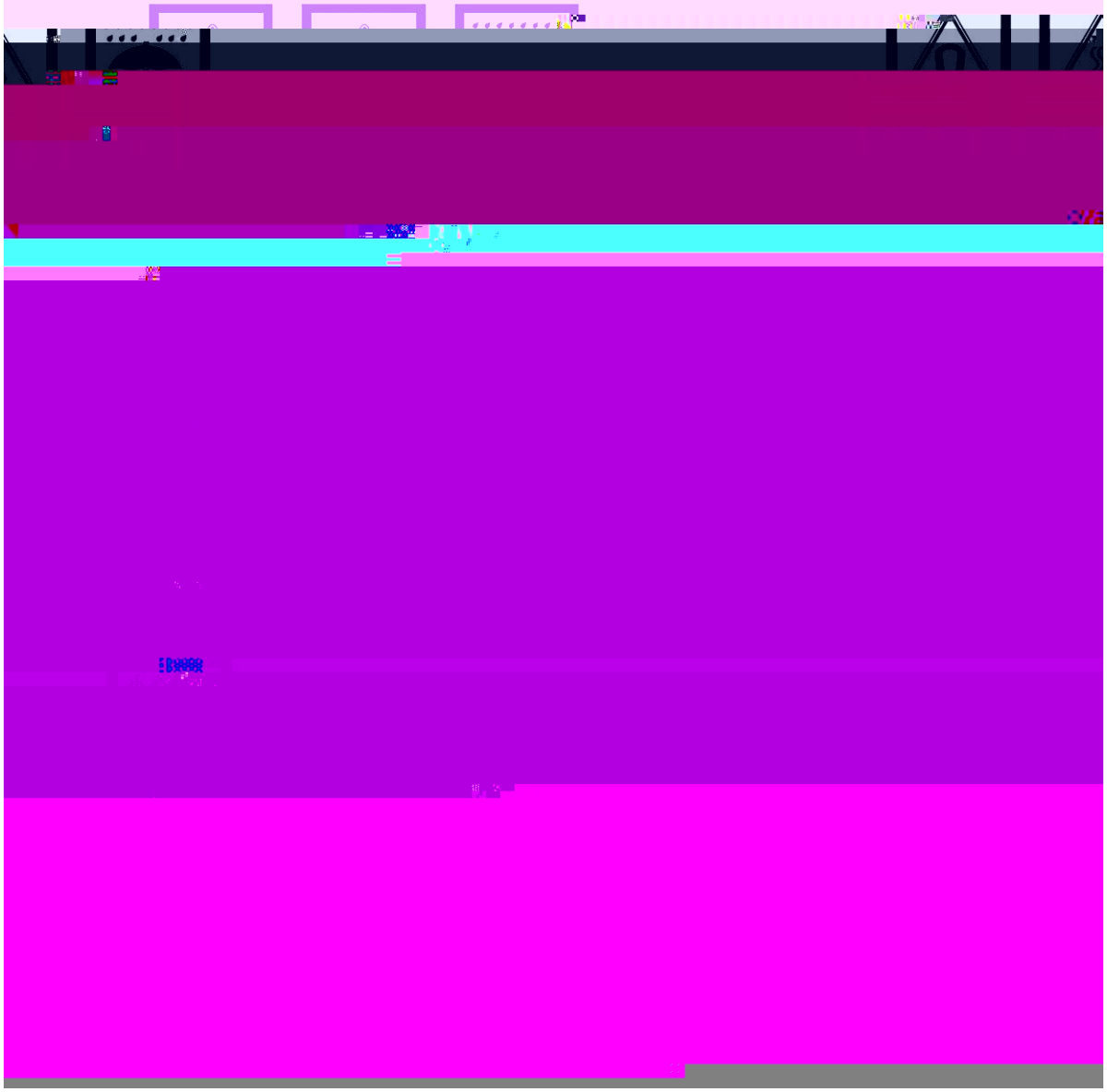
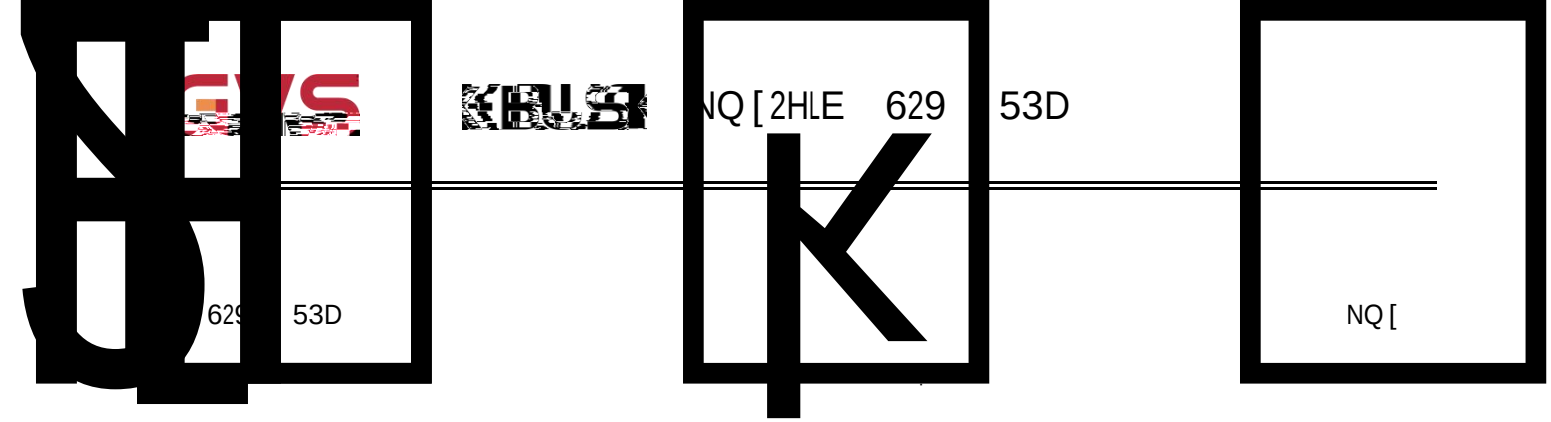

GVS


GVS

注意事项

1、请远离强磁场、高温、潮湿等环境；





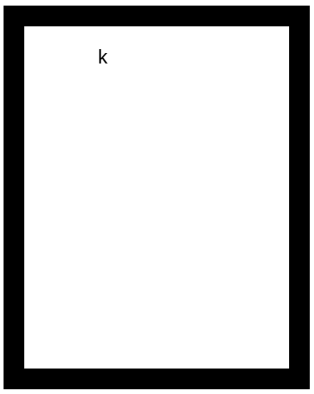
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54¢63Y GF /

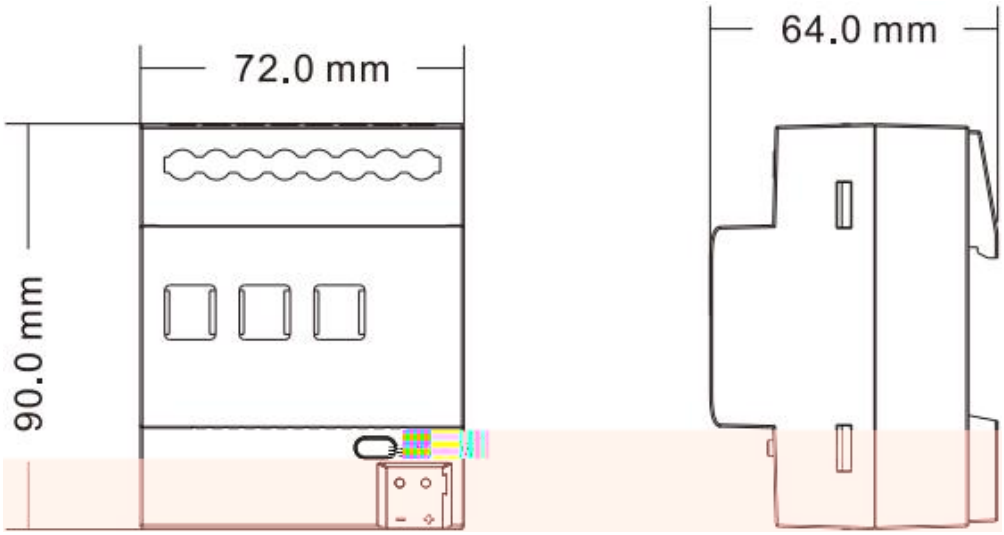
6	?4718 p D257Y	?45 p D263Y
9	?5718 p D257Y	?53 p D263Y

DUHG0{{25314 {{@36239		8333Z	A63333
		7333Z	A8333
	2	7333Z	A9333
		7333Z	A8333
		5;33Z	A8333
		5533Z	A63333
	OHG 7:3D2543xv	;33Z	A83333

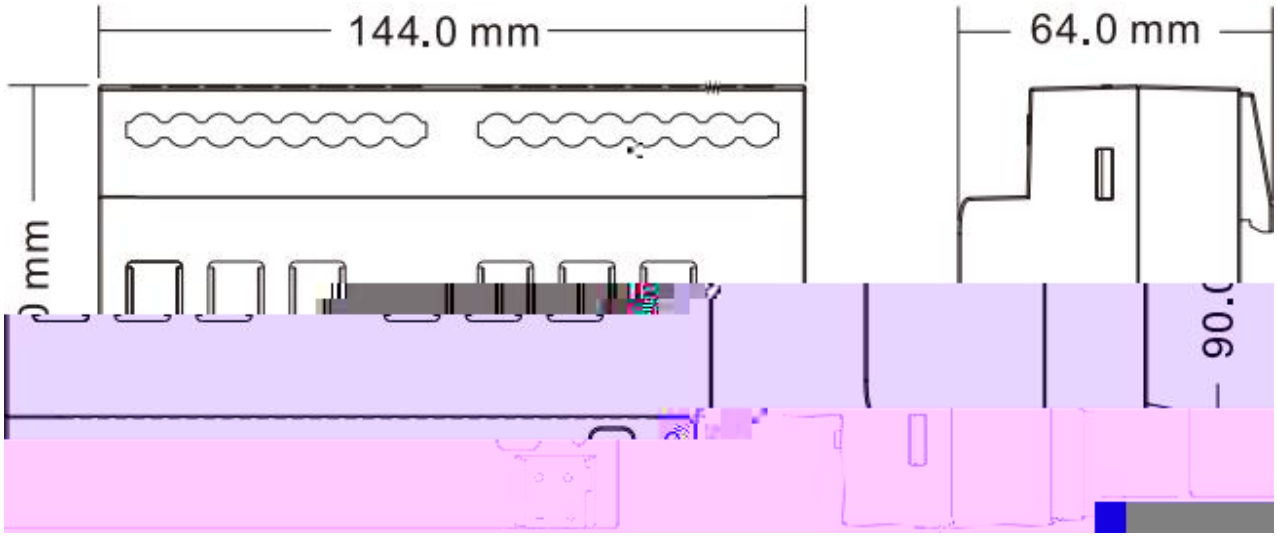
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Vzlwfk Dfwxdwru zlwk Hqhuj| ghwhfwlrq/60Irg/53D233GH 413	44:	733	733	733
Vzlwfk Dfwxdwru zlwk Hqhuj| ghwhfwlrq/90Irg/53D233GI 413	54<	733	733	733

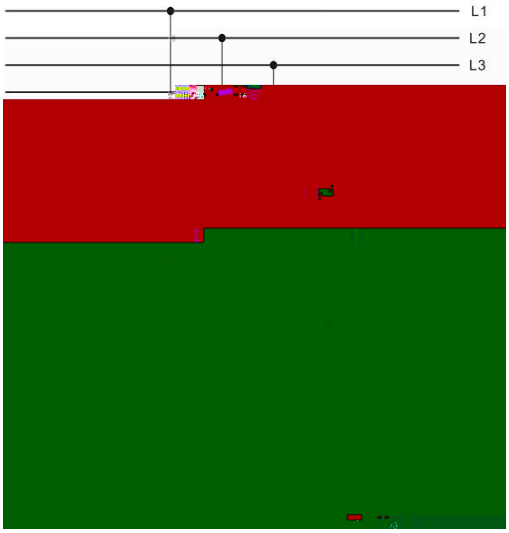


614+4,DUHG03625314

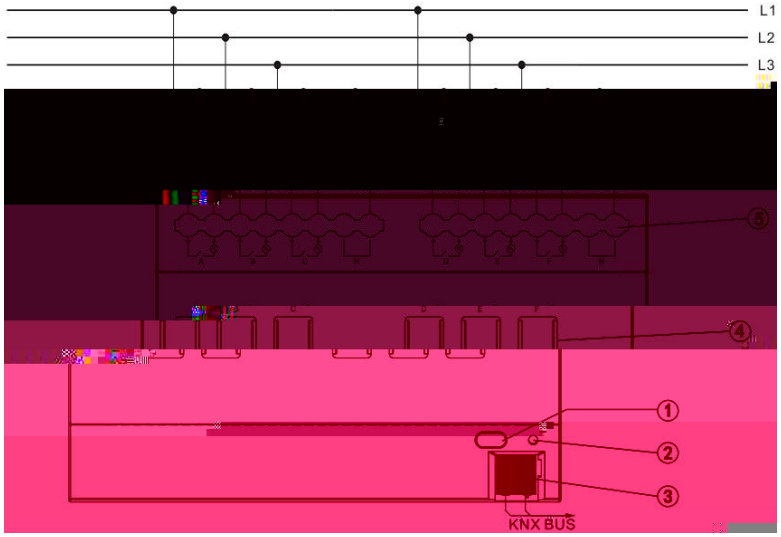


614+5,DUHG03925314

DUHG03625314	:5 { <3 { 97 p p	316n j
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615+4,DUHG03625314



615+5,DUHG03925314

F

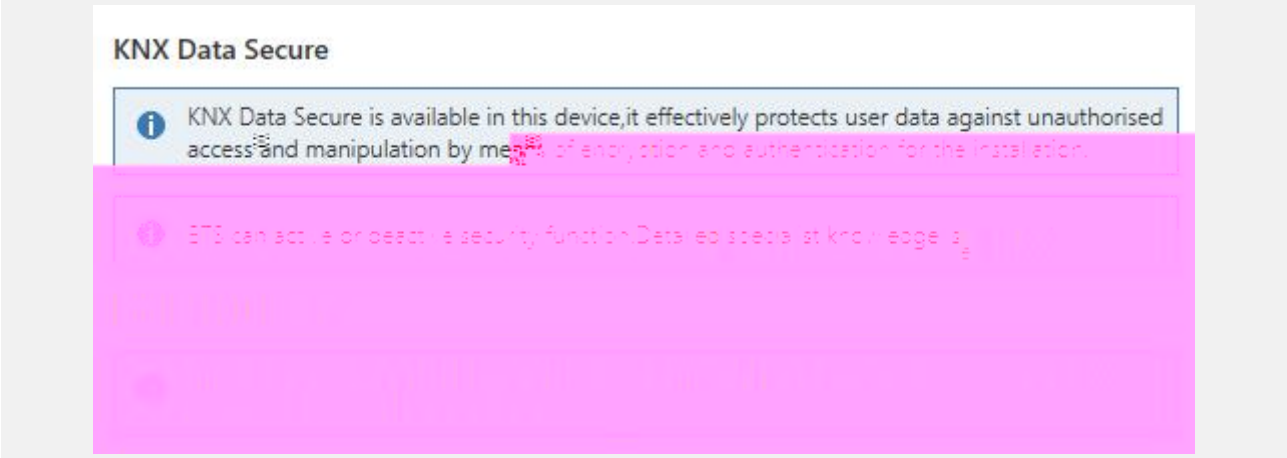
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v Xt "%+ 7 v Xt "%+

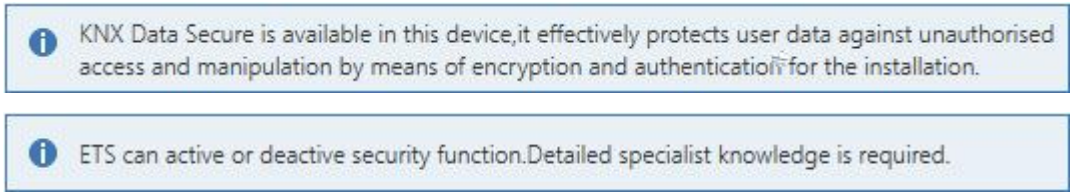
NQ [NQ [k

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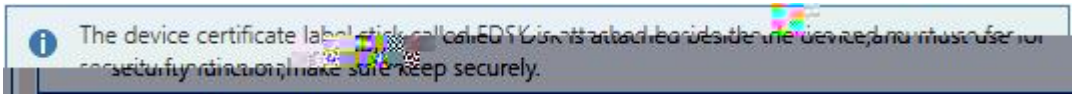
714 +4, †NQ [Vhfxuh‡

NQ [NQ [HWV 714+4,



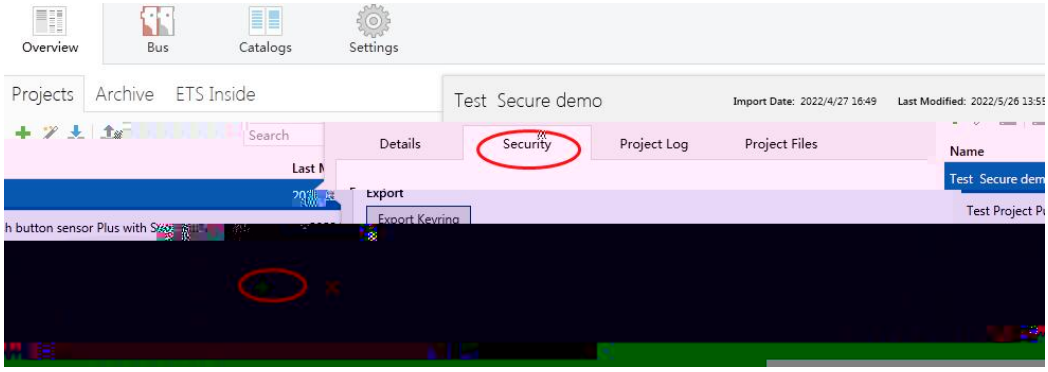
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k HWV k k

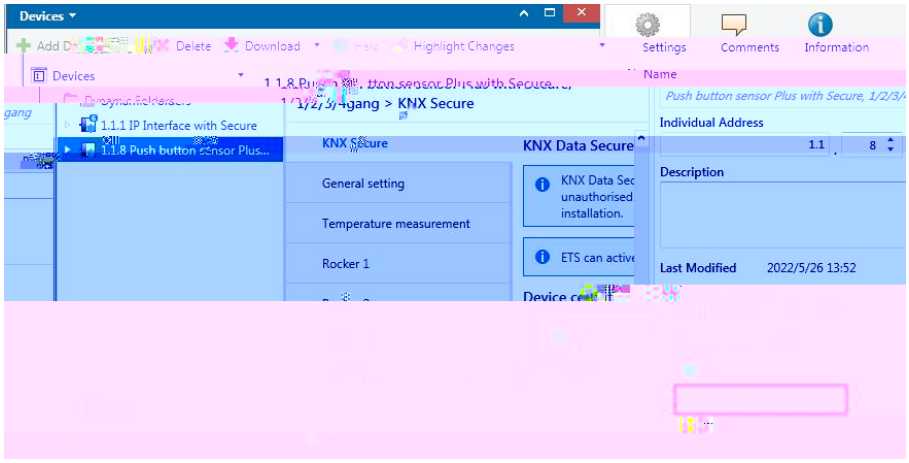


I GVN k

HWV



7:4+6, Dgg Ghylfh Fhuwlilfdwh



7:4+7, Dgg Ghylfh Fhuwlilfdwh

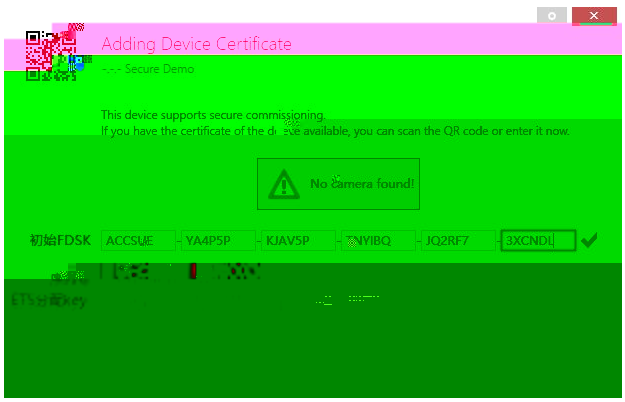
✧ IGVN k

k

IGVN IGVN HWV 7:4+8, k

HWV

IGVN k



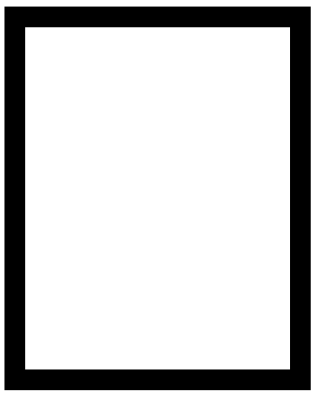


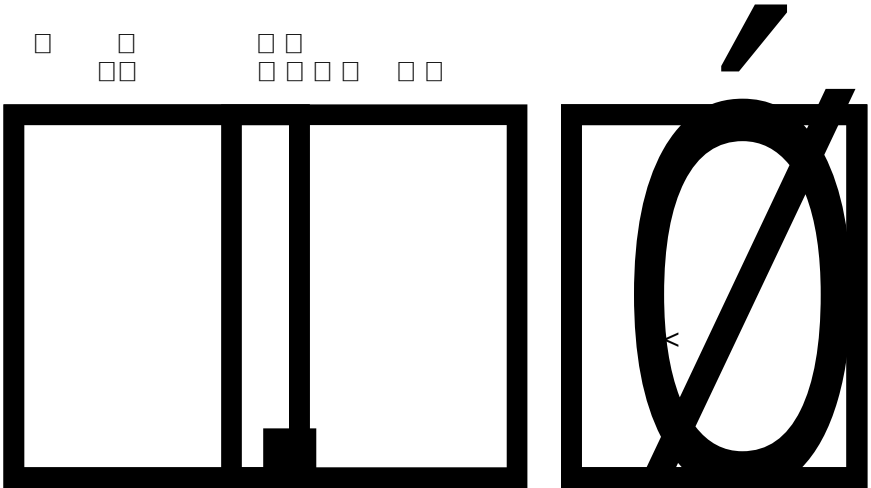
7:4+8,

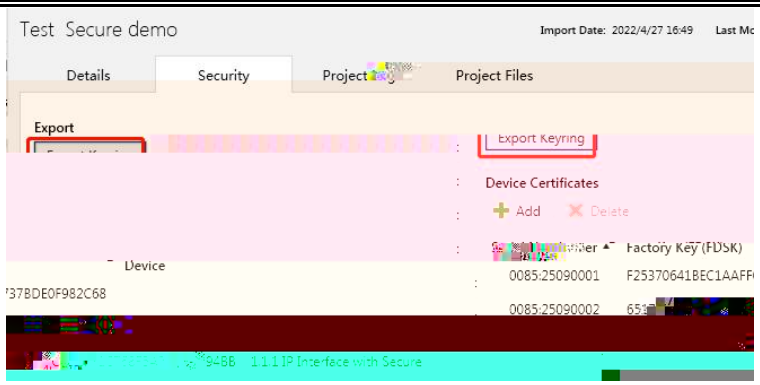
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714+9, †

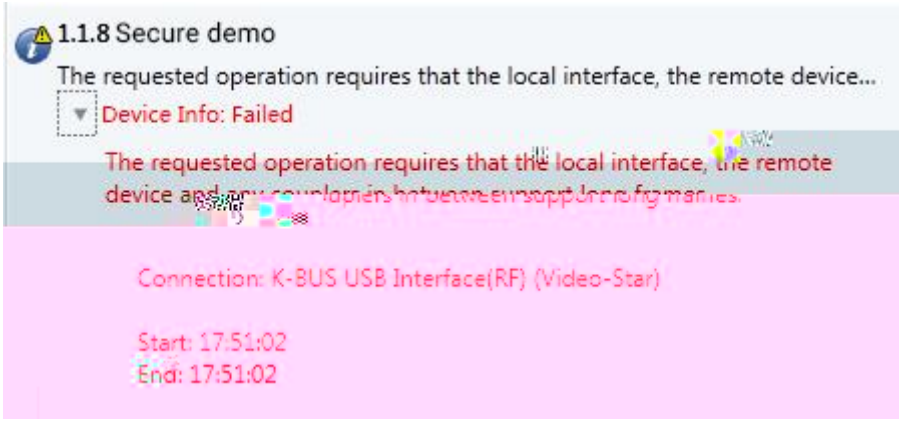


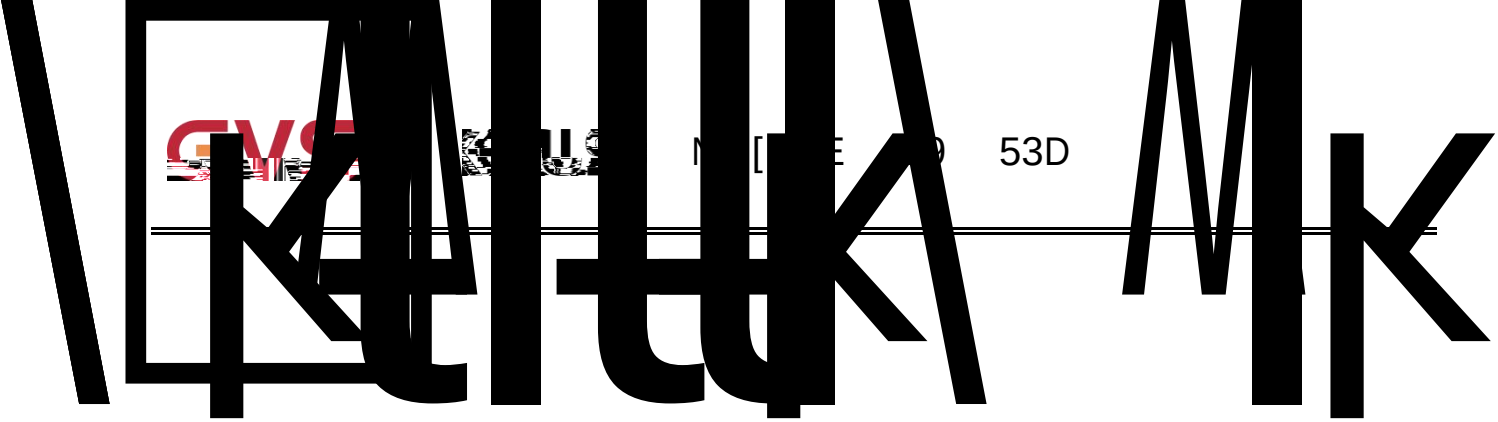



Test Secure demo
Import Date: 2022/4/27 16:49
Details
Security
Project
Project Files
Export
Export Keyring
Device Certificates
Add
Delete
Factory Key (FDSK)
Device
0085:25090001
0085:25090002

714+; ,

k


1.1.8 Secure demo
The requested operation requires that the local interface, the remote device...
Device Info: Failed
The requested operation requires that the local interface, the remote
Connection: K-BUS USB Interface(RF) (Video-Star)
Start: 17:51:02
End: 17:51:02



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553Y DF k 5 k

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k †3‡ †Lq

rshudwlrq‡ k †3‡ †Lq rshudwlrq‡

†4‡ k

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†Wrwdo fxuuhqw‡ k

†Wrwdo dfwlyh srzhu‡ k

†Wrwdo hohfwulf hqhuj|‡ k

†Iuhtxhqf| phdvxuhphqw‡ k

†Vdihw| sulrulw|‡ k

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Uhvhw vdihw| e| Remhfw ydoxh %3% †Vdihw| Sulrulw| {‡ †3‡

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Uhvhw vdihw| e| Remhfw ydoxh %4% †Vdihw| Sulrulw| {‡ †4‡

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Vzlwfk rq2rii

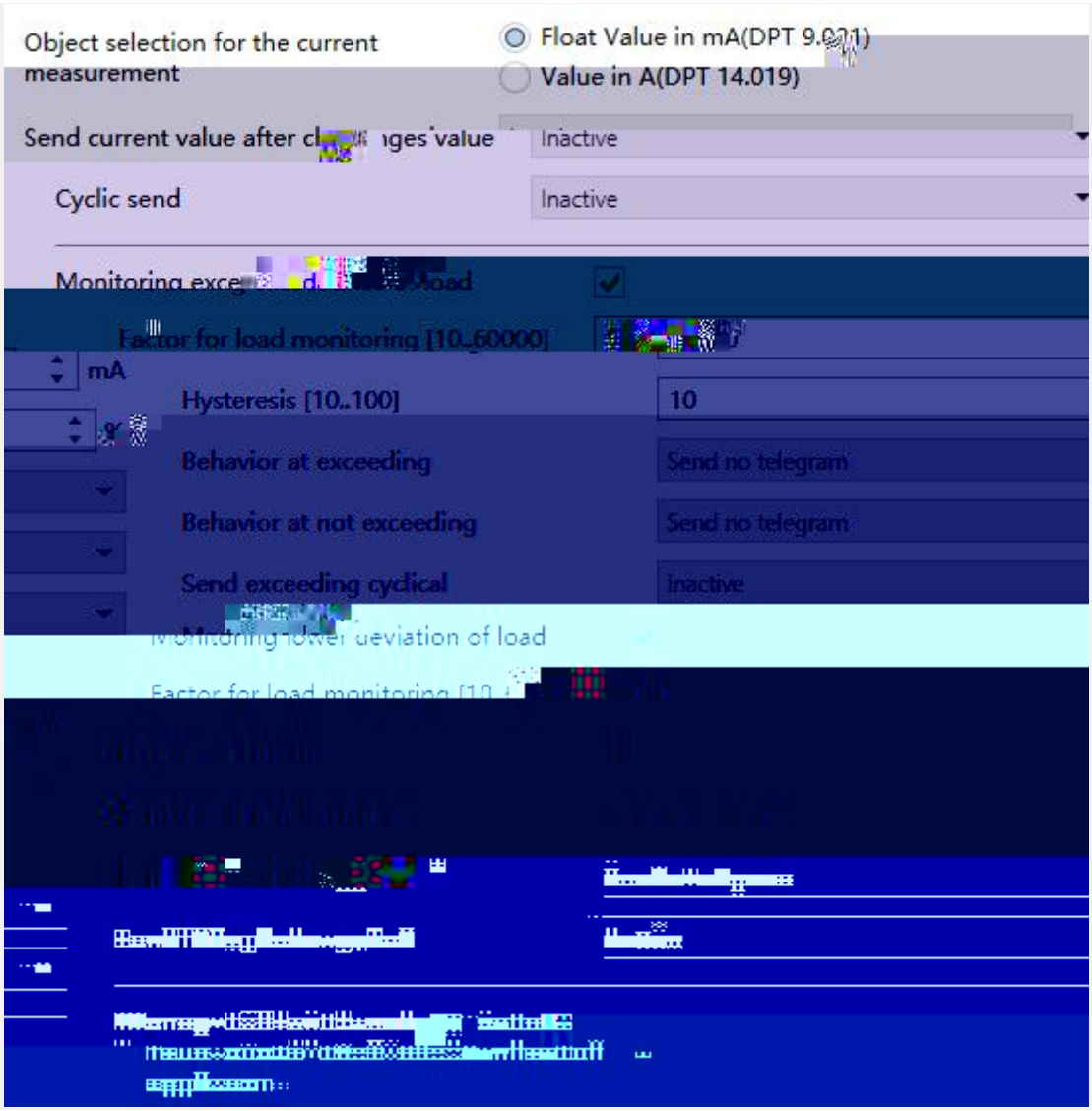
%4%@vzlwfk rq›%3%@vzlwfk rii

Vzlwfk rq@frqwdfw forvh›Vzlwfk rii@frqwdfw rshq

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†Wrwdo fxuuhqw‡ 71714

k k



71714 †Wrwdo fxuuhqw‡

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†Iordw Ydoxh lq pD‡ †Ydoxh lq D‡ k

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4D 31<D 4D - 4043(k

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318D 3188D 318D - 4.43(k

'Æ9t_Æ• 2 2 k

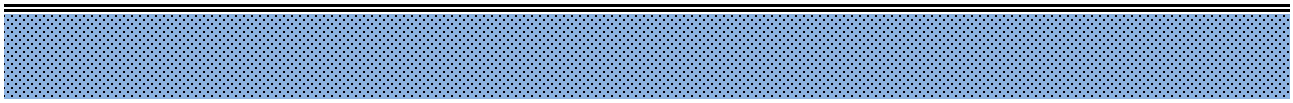
†Vhqg qr whohjudp‡ †Vhqg RQ whohjudp‡ †4‡ †Vhqg RII whohjudp‡ †3‡

k

†Lqdfwlyh‡ k‡43Plq‡ 43 k k

k

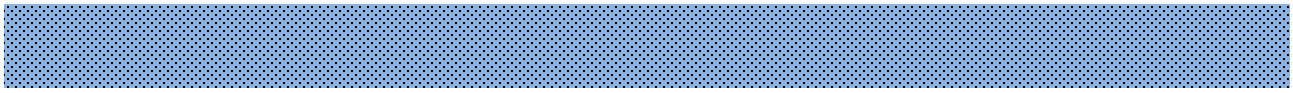
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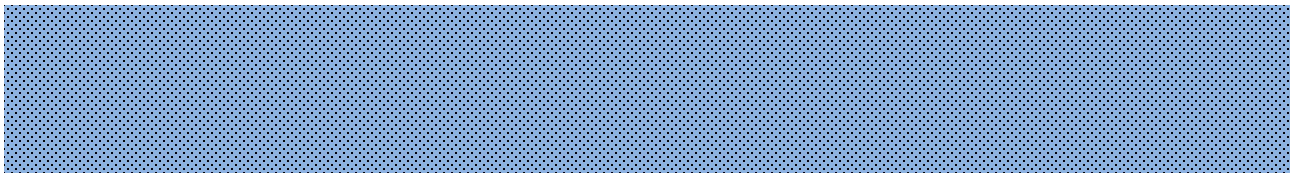
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<3Z 433Z 0433Z - 43(k



k

†Lqdfwlyh‡ ‡43Plq‡ 43 k



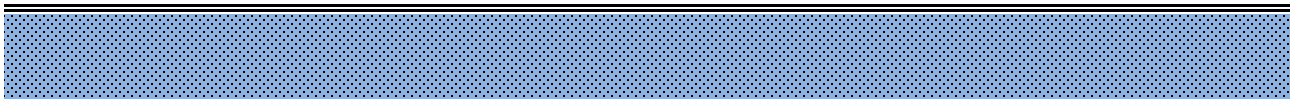
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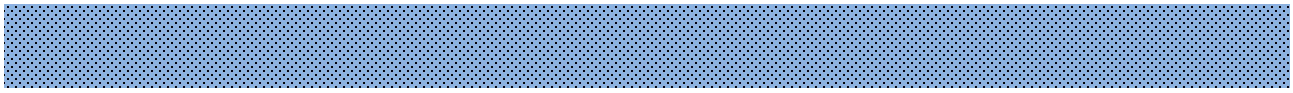
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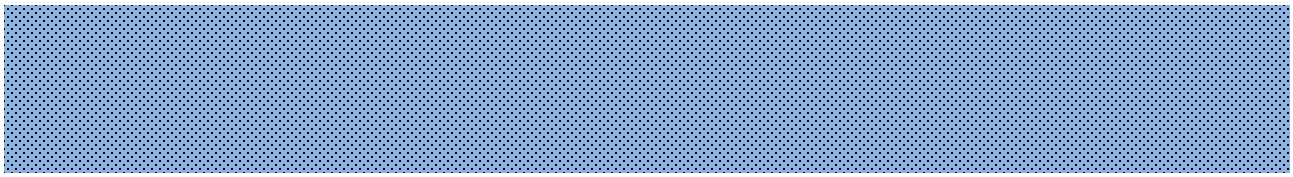
†43(‡ 433Zk 443Zk 433Zk . 433Zk - 43(

<3Zk 433Zk0433Zk - 43(k



k

†Lqdfwlyh‡ k‡43Plq‡ 43 k



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Wkuhvkrog iru hohfwulf hqhuj| prqlwrulqj 4333Zk K|vwhuhvlv

43(4333Zk <33Zk 4333Zk- 4043(

k

Wkuhvkrog iru hohfwulf hqhuj| prqlwrulqj 833Zk K|vwhuhvlv 43(

833Zk 883Zk 833Zk- 4.43(k

2 2 k

†Vhqg qr whohjudp‡ †Vhqg RQ whohjudp‡ †4‡ †Vhqg RII whohjudp‡ †3‡

k

†Iuhtxhqf| phdvxuhphqw‡ 71:14

k k



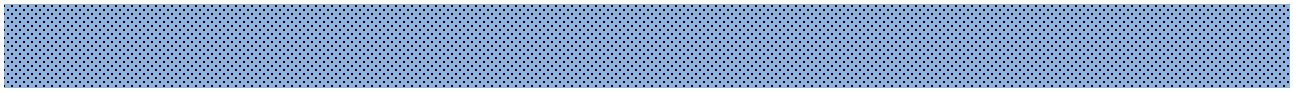
71:14 †Iuhtxhqf| phdvxuhphqw‡

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k

†43 (‡ 43K} 44K} 43K} . 43K} - 43 (<K}

43K} 0 43K} - 43 (k



k

83K} 78K} 83K} - 4043(k

Wkuhvkrog iru iuhtxhqf| prqlwruqj 73K} K|vwhuhvlv 43(

73K} 77K} 73K} - 4.43(k

2 2 k

†Vhqg qr whohjudp‡ †Vhqg RQ whohjudp‡ †4‡ †Vhqg RII whohjudp‡ †3‡

k

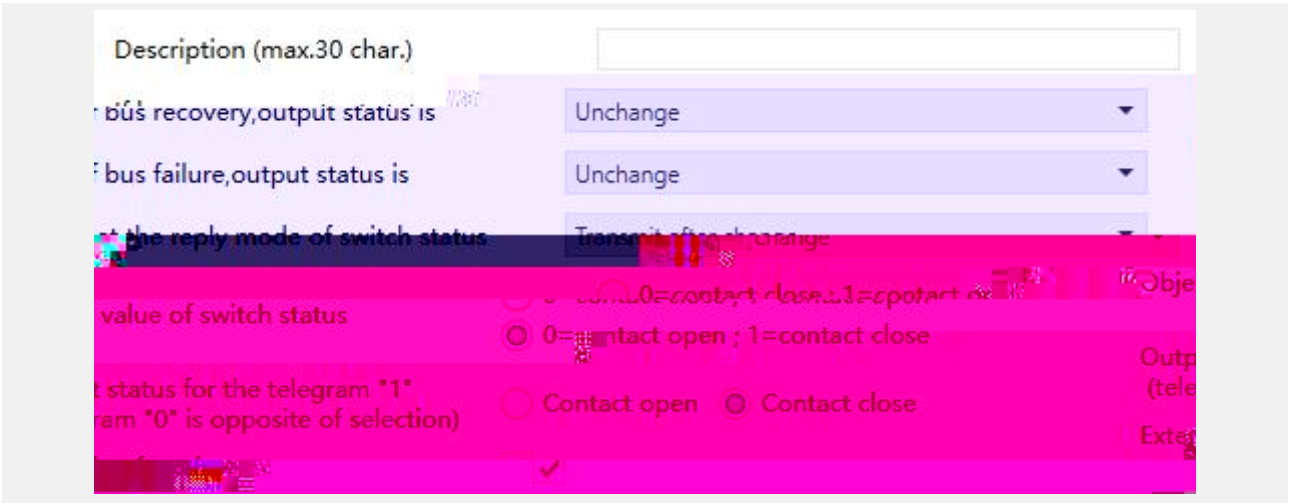
2 k

†Lqdfwlyh‡ k‡43Plq‡ 43 k k

†Fkdqqh0 [‡ 71;1+4, k k

†Fkdqqh0 [‡ †[‡ k

k



71;+4,†Fkdqqh0 [‡

63 k

k

k

†Xqfkdqjh‡

†Frqwdfw rshq‡

†Frqwdfw forvh‡ k

k

†Qr uhso|‡

†Uhvsrqg diwhu uhdg rq0|‡

†Wudqvp

†3@frqwdfw forvh›4@frqwdfw rshq‡ †Vzlwfk vwdwxv‡ †Vzlwfk‡ †3‡

†4‡

†3@frqwdfw rshq›4@frqwdfw forvh‡ k

_í ‡4‡ †vzlwfk‡ k

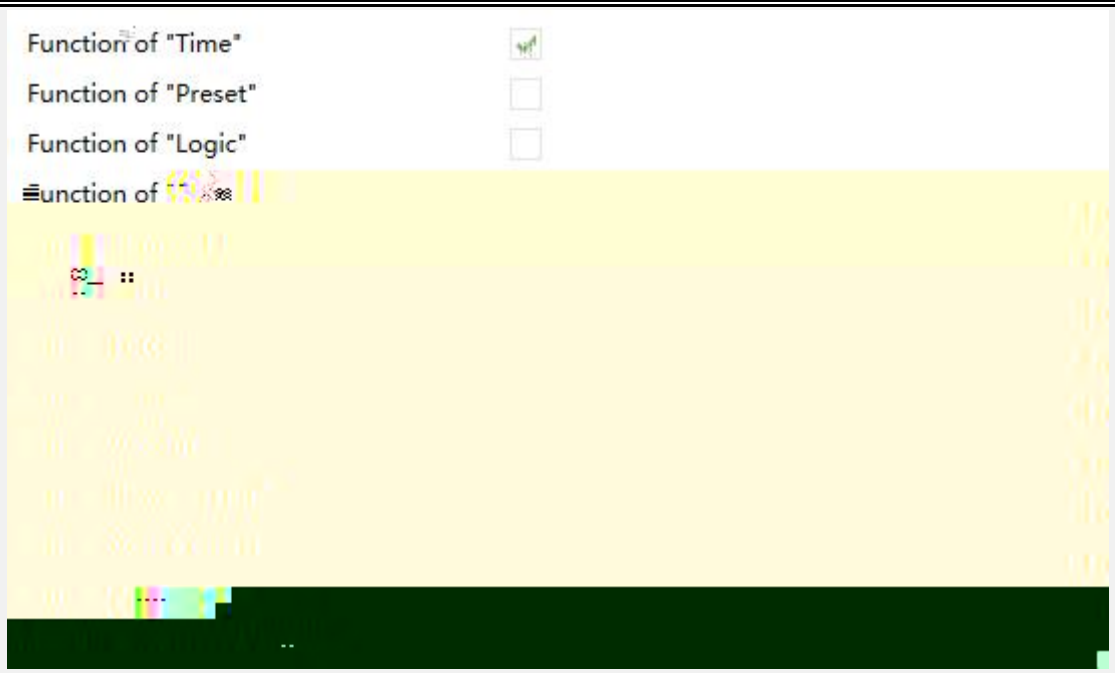
†Lqsxw 3‡ †Vzlwfk‡ A •…€•~À †lqsxw 3‡

k

†Frqwdfw rshq‡ k

†Frqwdfw forvh‡ k

‡3‡ k



71;1+6,†[=IxqfwlrqŠ

71;+6,†[. Ixqfwlrq‡ †Ixqfwlrq ri †wlph‡‡ 71;14

†Vzlwfk wlph ixqfwlrq‡ 2 k

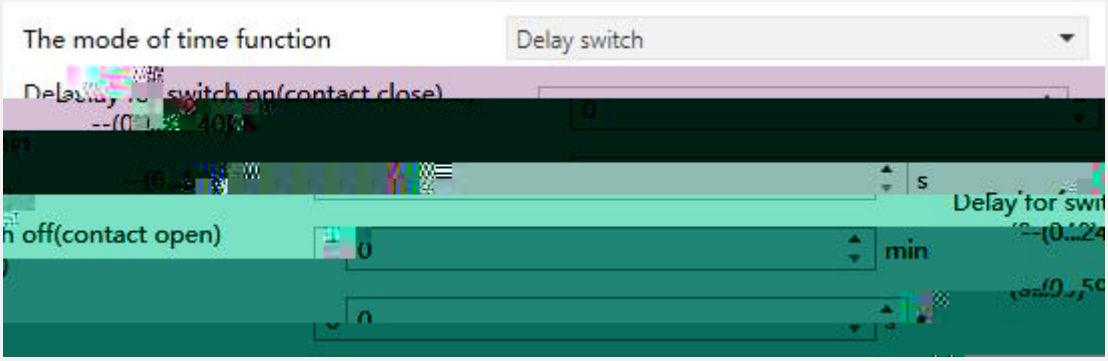


71;14 [=Wlph

k

†Wkh prgh ri wlph ixqfwlrq‡ †Ghod| vzlwfk‡ 71;1414

k



71;1414 [Wlph0ghod| vzlwfk

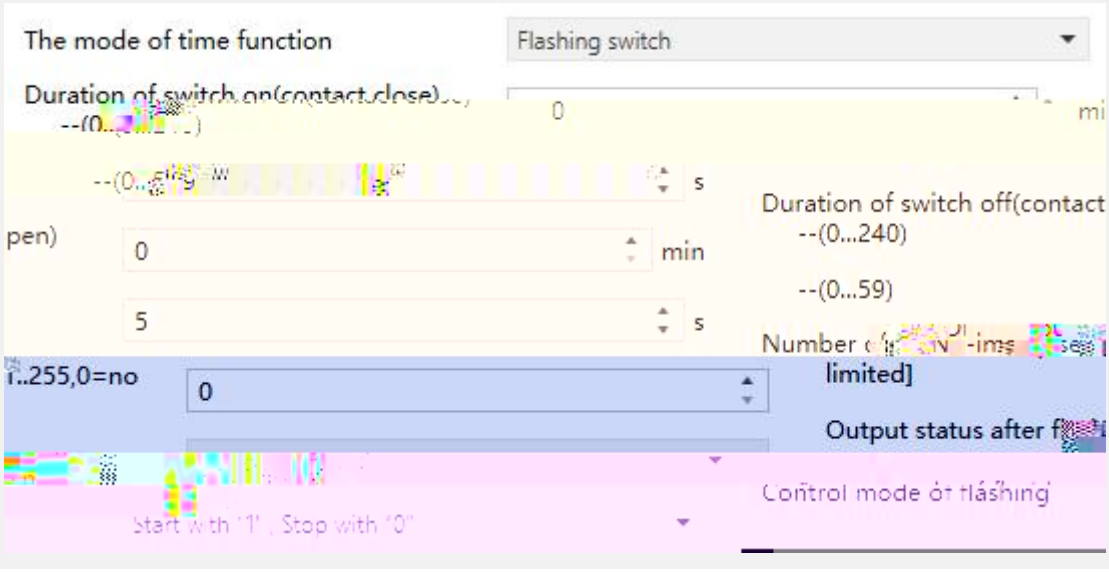
+ , 2 k

+ , 2 k

k

†Wkh prgh ri wlph ixqfwlrq‡ †Iodvklqj vzlwfk‡ 71;1415

k



71;1415 [Wlph0iodvklqj vzlwfk

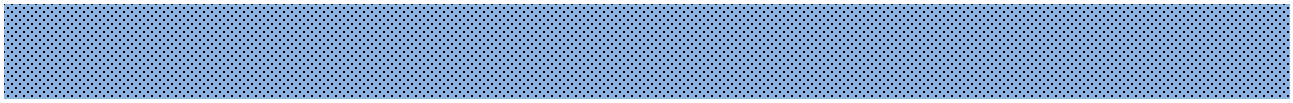
Iodvklqj k

†Gxudwlrq ri vzlwfk rq+frqwdfw forvh,‡ †Gxudwlrq ri vzlwfk rii+frqwdfw rshq,‡ k

†Vzlwfk rxw zlwk iodvklqj‡ + , k

k

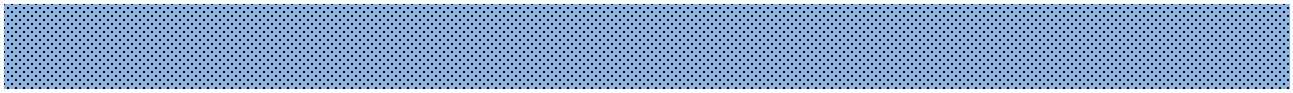
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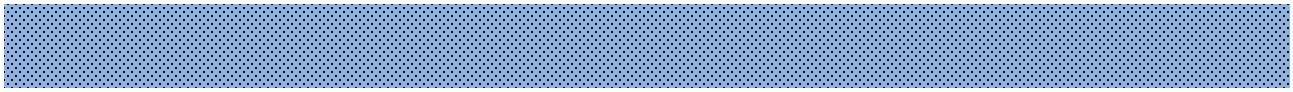
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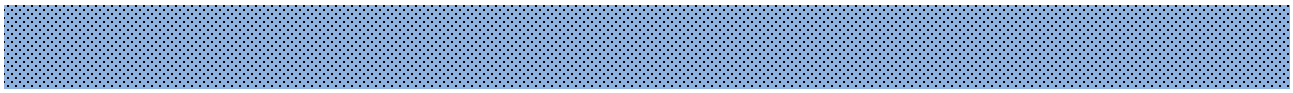
k k



4‰588 3 k



k



k

†Vwduw zlwk “3” vwrs zlwk “4”‡ †Vzlwfk rxw zlwk iodvklqj‡ 3‡

†4‡ k

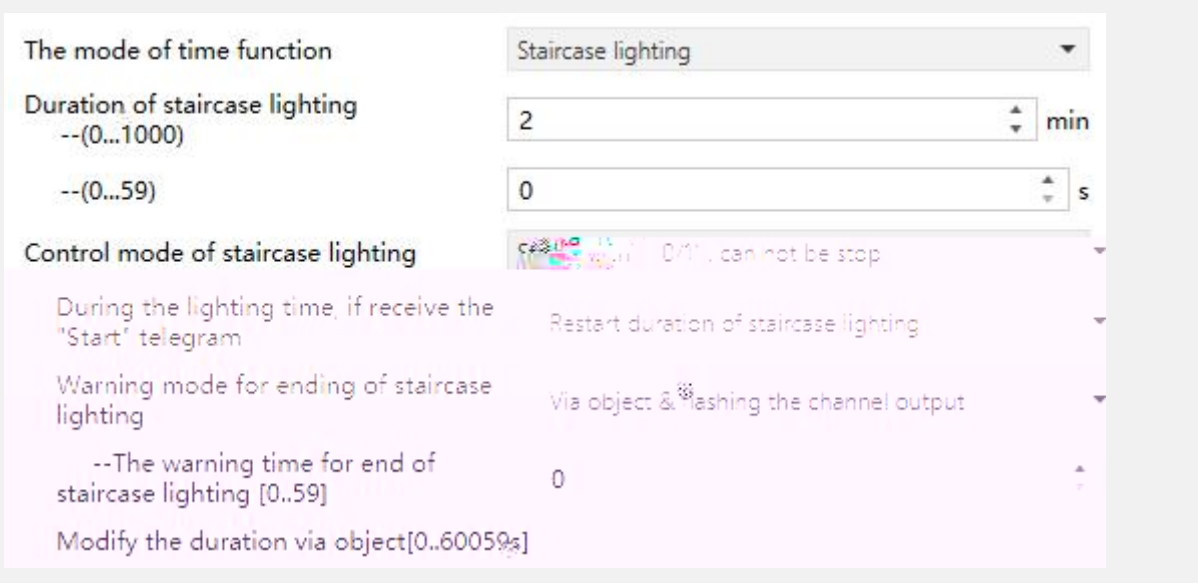
†Vwduw zlwk “324” fdq qrw eh vwrs‡ †Vzlwfk rxw zlwk iodvklqj‡ †4‡

†3‡ k

k

†Wkh prgh ri wlph ixqfwlrq‡ †Vwdlufdvh oljkwlqj‡ 71;1416

k



71;1416 [Wlph0 Vwdlufdvh oljkwlqj

†Rxwsxw ri vwdlufdvh oljkwlqj‡ k

†Rxwsxw ri vwdlufdvh oljkwlqj‡ k □ k

k

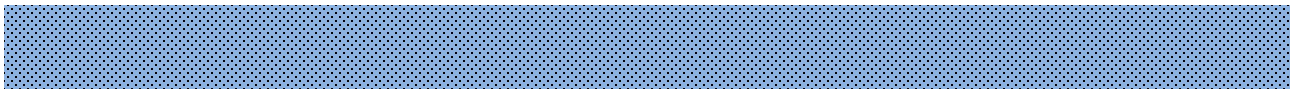
93 53

73.93@433 433 k

k

†Ljqruhg wkh "vzlwfk rq" whohjudp‡ / †Rxwsxw ri

vwdlufdvh olj kwlqj‡ k



k

k k †qrwklqj‡ k

k

‘ †Zduqlqj ri vwdlufdvh‡ †4‡

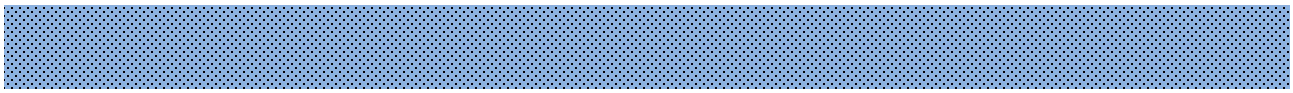
k

‘ 4 k

k †Yld remhfw‡

†lodvklqj wkh fkdqqho rxwsxw zlwk rq2rii‡ †Yld remhfw) iodvklqj wkh fkdqqho

rxwsxw‡ k



k k

k

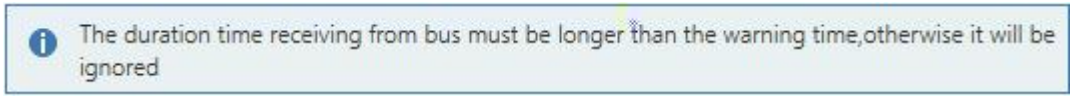
k

k

5 †Gxudwlrq ri vwdlufdvh‡

k k

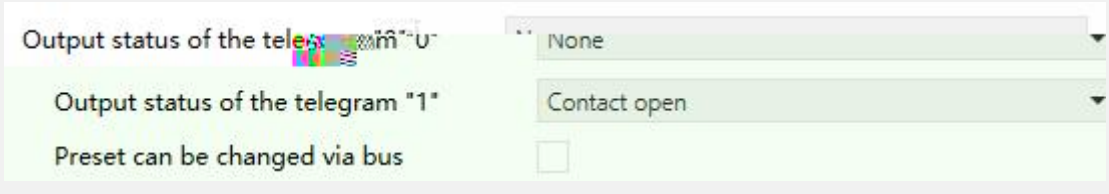
k



k

71;1+6, / †Ixqfwlrq ri †suhvhw‡‡ 71;15

+†[Suhvhw‡, k



71;15 [Suhvhw

k

5 k 5 ‡3‡ ‡4‡

†3‡ ‡ ‡3‡† †4‡ ‡ ‡4‡† k

†Rxwsxw vwdwxv ri wkh whohjudp †3‡‡ †Qrqh‡ †Rxwsxw vwdwxv ri wkh whohjudp †4‡‡

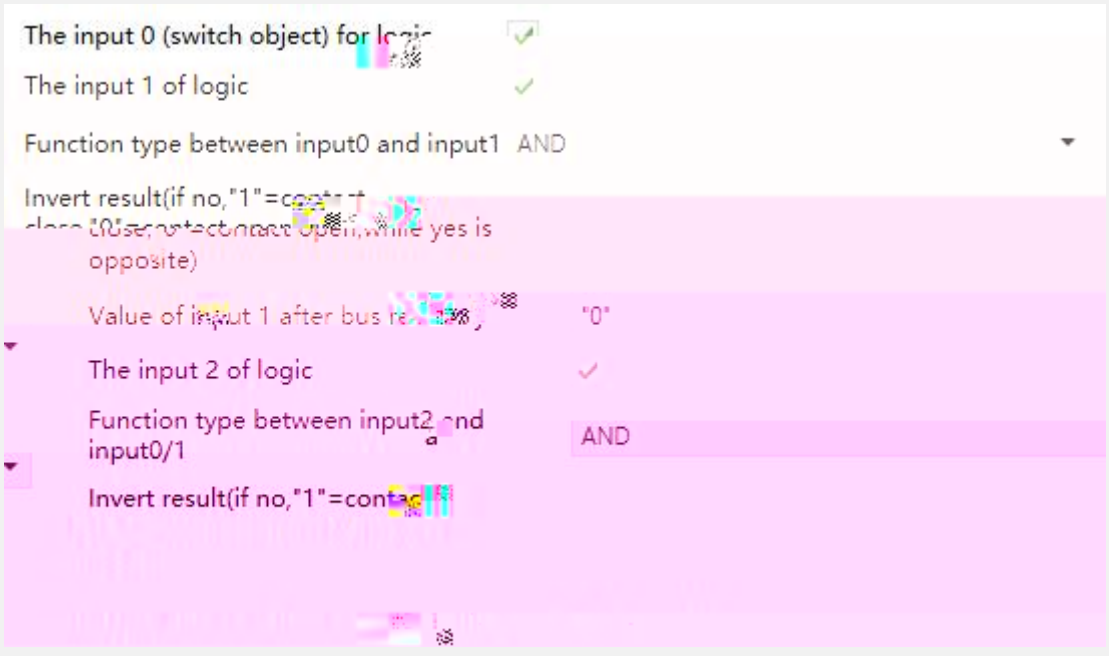
†Odvw srvlwlrq ri frqwdfw‡ †Vdph dv wkh whohjudp‡3‡‡

+RQ2RII, k

k

71;1+6, †Ixqfwlrq ri "orjlf‡ 71;16

+†[Orjlf‡, k



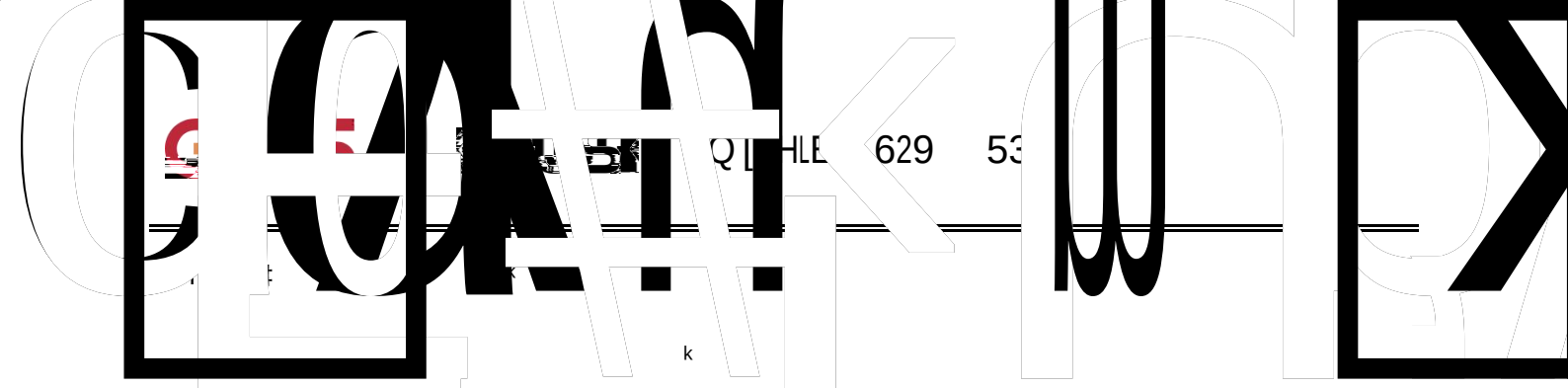
71;16 [Orjlf

5

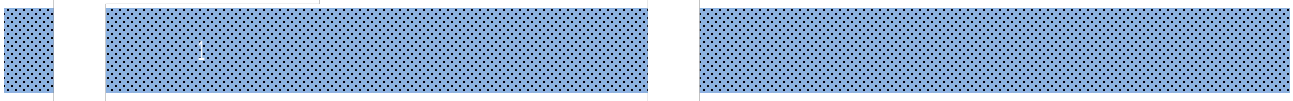
†Vzlwfk/[‡ k

†4‡ †3‡ k

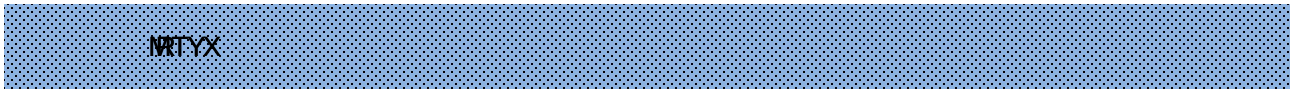
Lqsxw ††Lqsxw 4 ÝmVzlwfk ‡



k



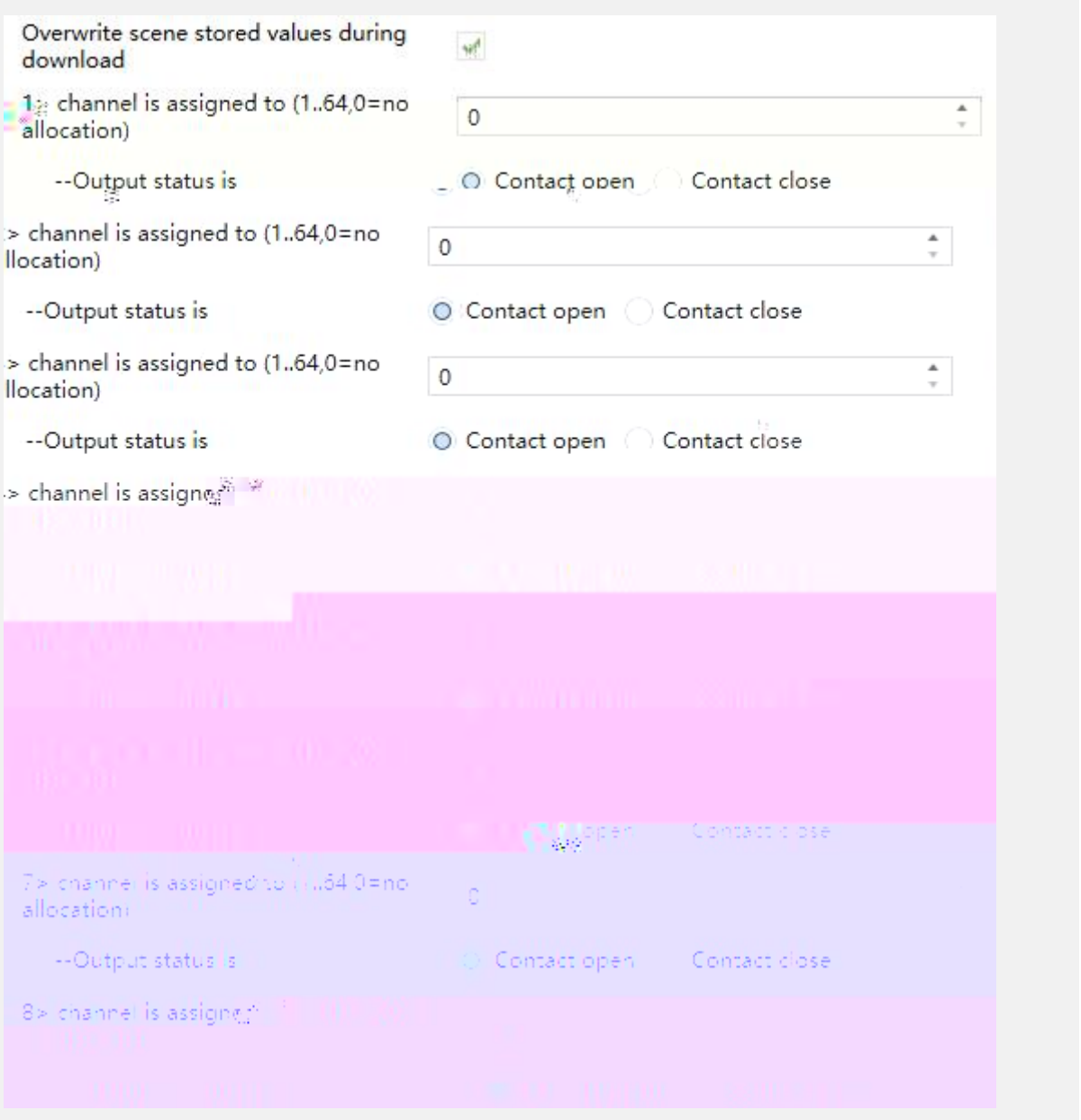
†lqsx‰ 3‡ k †lqsxcq¤Ø¤w®Â”Ãg#„H 1.ð □ □Ÿ¼z Ì‡f P/ [¥d%€R|`



[RU	3	3	3	3	3
	3	4	4	4	3
	4	3	4	3	4
	4	4	3	4	4

71;1+6, †Ixqfwlrq ri †vfhqh‡‡ 71;17

+†[Vfhqh‡, k



71;17 [Vfhqh

k

k

k

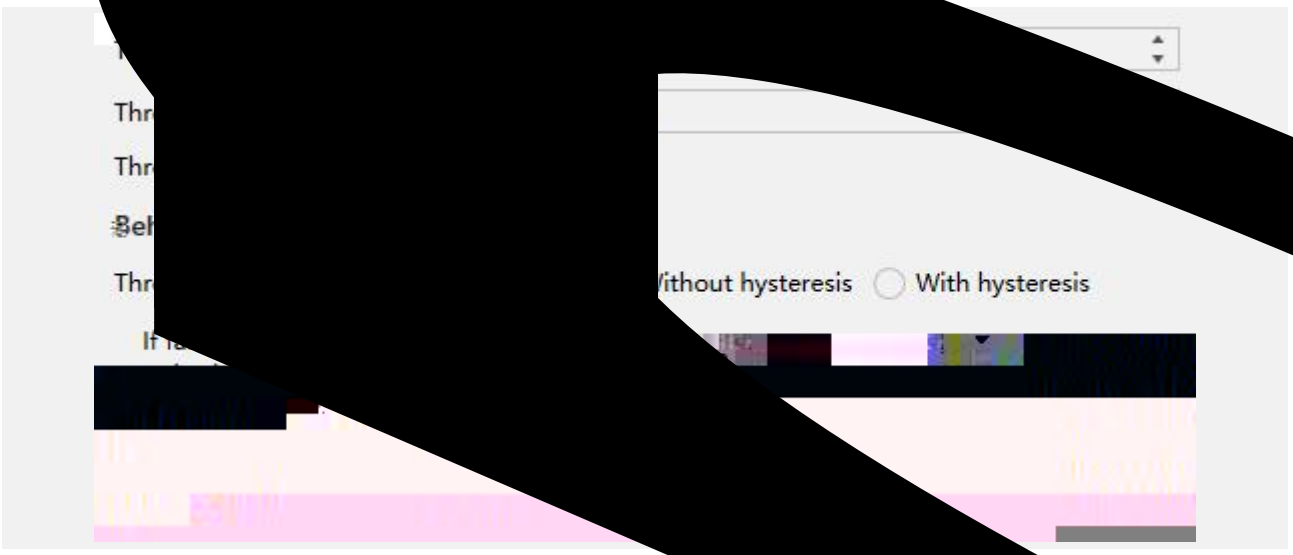
97 k ; k

k k

k

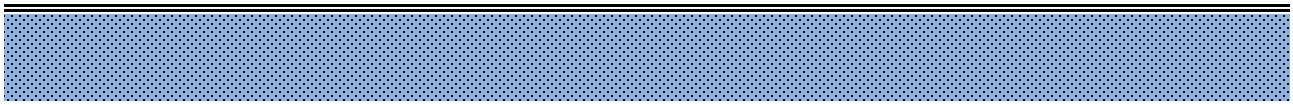
k

tIxqfwlrq ri tWkuhvkrog 71;18



71;18 [Wkuhvkrog

4Elwh tWkuhvkrog lgsxwt k

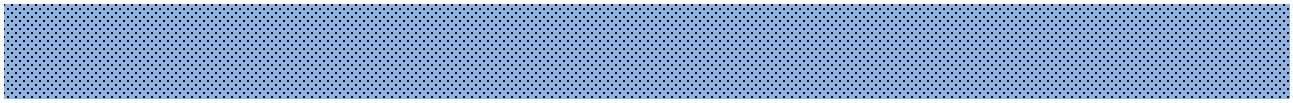


4 Wkuhvkrog 4 ydoxh k

†Fkdqjh Wkuhvkrog ydoxh 4‡ k 4 Wkuhvkrog

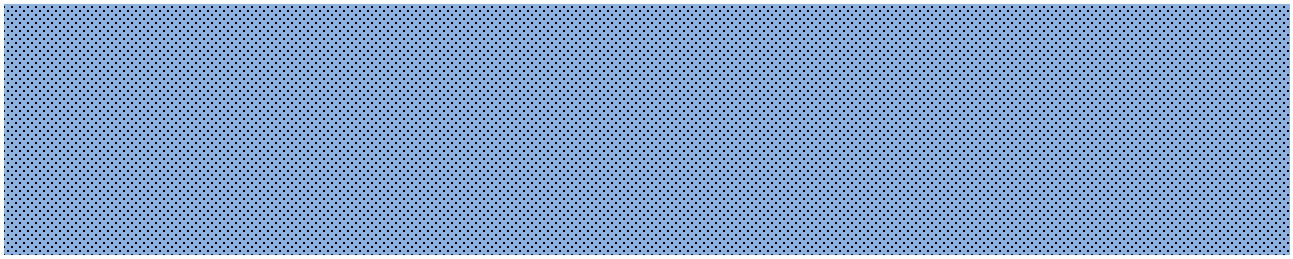
4 ydoxh 4 Wkuhvkrog 4 ydoxh k

k



4 Wkuhvkrog 4 ydoxh 5 Wkuhvkrog 5 ydoxh k

k

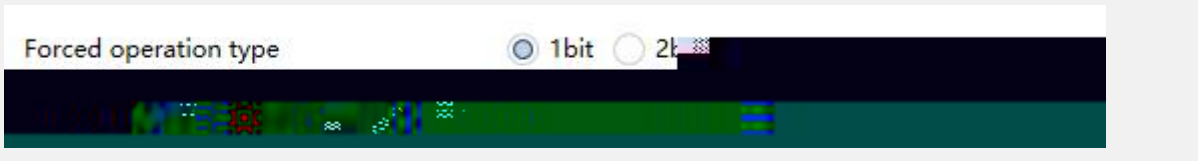


†Wkuhvkrog lqsxw‡ !

k

†Wkuhvkrog lqsxw‡

k


Forced operation type
1bit

k

†4elw‡ †Irufhg rshudwlrq‡ k

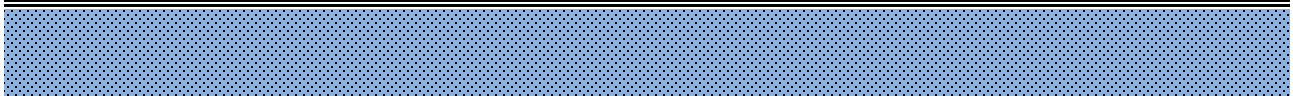
Xqfkdqjh

Frqwdfw rshq

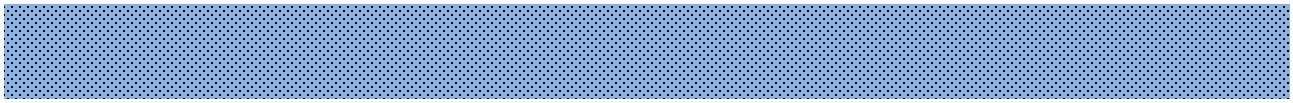
Frqwdfw forvh k

k

k



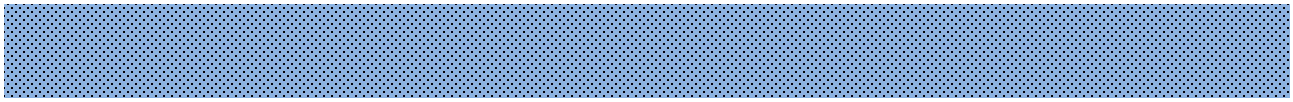
k



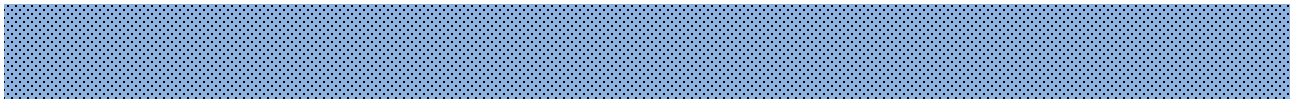
k

†Yd0xh lq pD‡ †I0rdw Yd0xh lq pD‡

†Yd0xh lq D‡ k



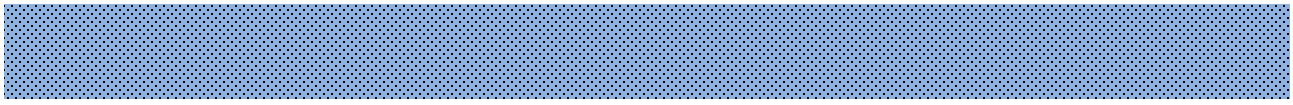
k



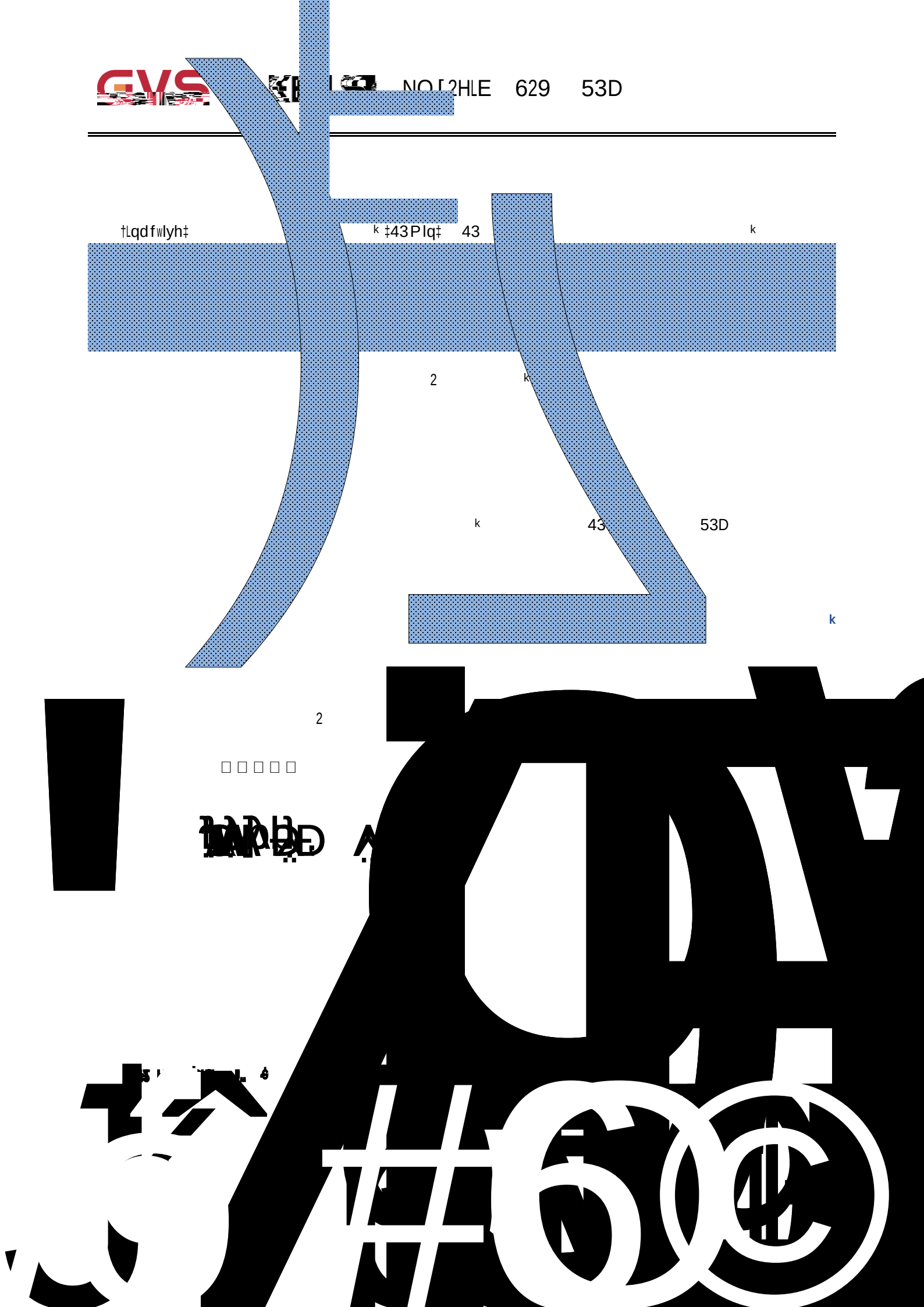
k

†43 (‡ 4D 414D 4D . 4D - 43 (31<D 4D 0 4D

- 43 (k



k



†Vhqg qr whohjudp‡ †Vhqg RQ whohjudp‡ †4‡ †Vhqg RII whohjudp‡ †3‡

k

2 k

†Lqdfwlyh‡ k‡43Plq‡ 43 k

k

k

†5e|wh Ydxh‡ 5e|wh †7e|wh Ydxh‡ 7e|wh k

□

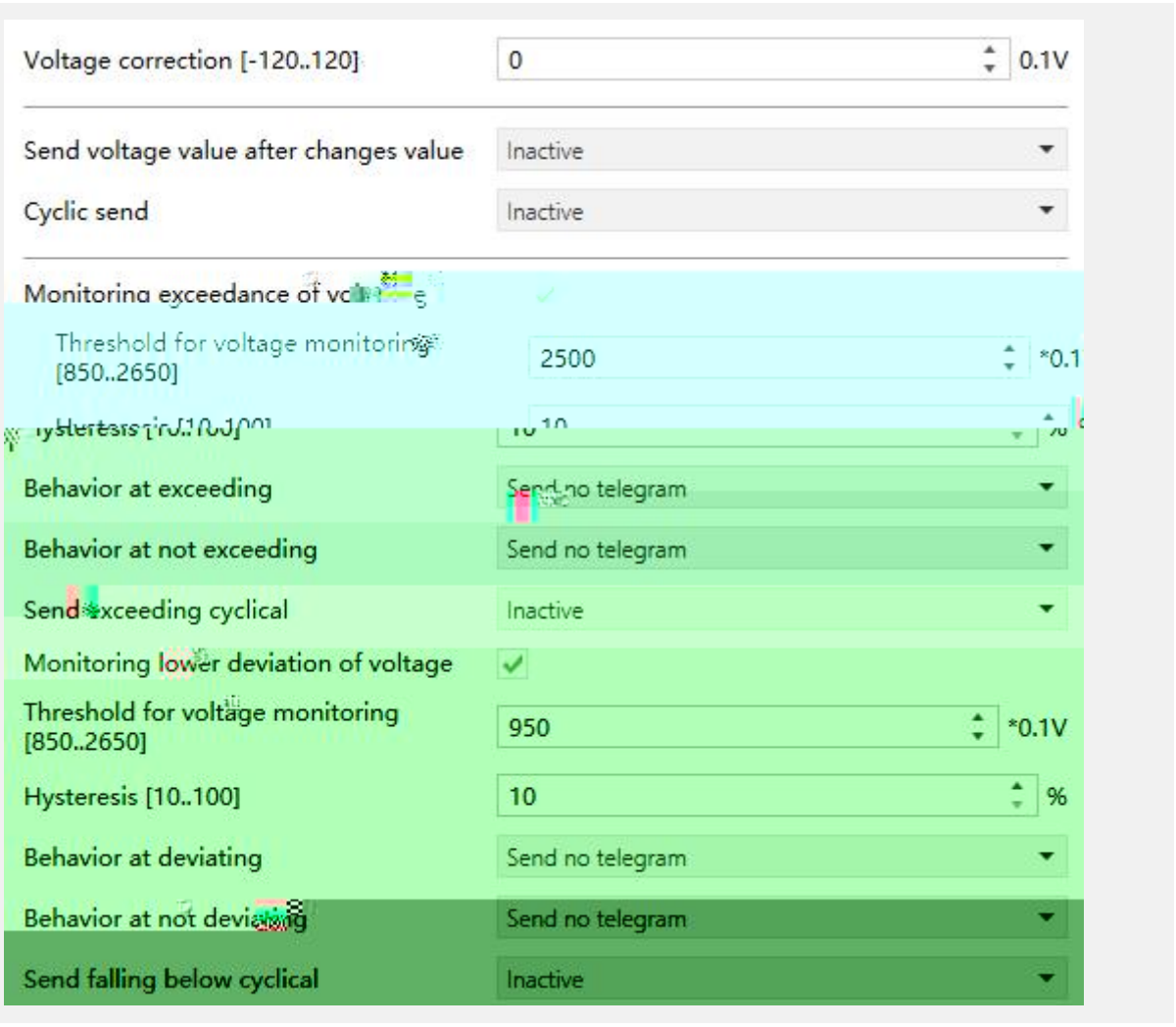
k

†3‡ †40433‡ 4 433

k †Remhfw ri vzeuf k'dqg NSHdHCqE krxv frxqwhu‡ 5ewlh

71;1+6, / †Ixqfwlrq ri †Yrwdjh‡‡ 71;1< †[

Yrwdjh‡ k



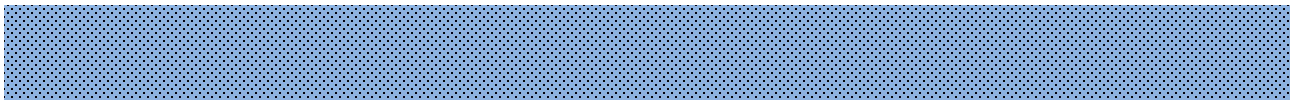
71;1< [Yrwdjh

k

k

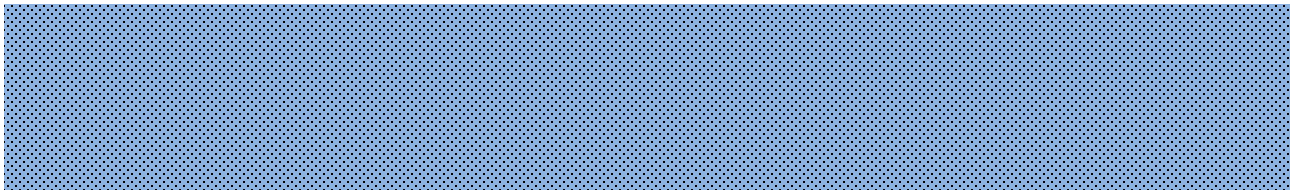
†43(‡ 4Y 414Y 4Y . 4Y - 43(31<Y 4Y 0 4Y

- 43(k



k

†Lqdfwlyh‡ k ‡43Plq‡ 43 k



2 k

2 k

k

2 k

2 k

†Wkuhvkrog iru yrwdjh p rqlwrulqj‡ 43Y †K|vwhuhvlv‡ 43(

43Y <Y 43Y - 4043(k

†Wkuhvkrog iru yrwdjh prqlwrulqj‡ 8Y †K|vwhuhvlv‡ 43(

8Y 818Y 8Y - 4.43(k

2 2 k

†Vhqg qr whohjudp‡ †Vhqg RQ whohjudp‡ †4‡ †Vhqg RII whohjudp‡ †3‡

k

2 k

†Lqdfwlyh‡ k ‡43Plq‡ 43 k

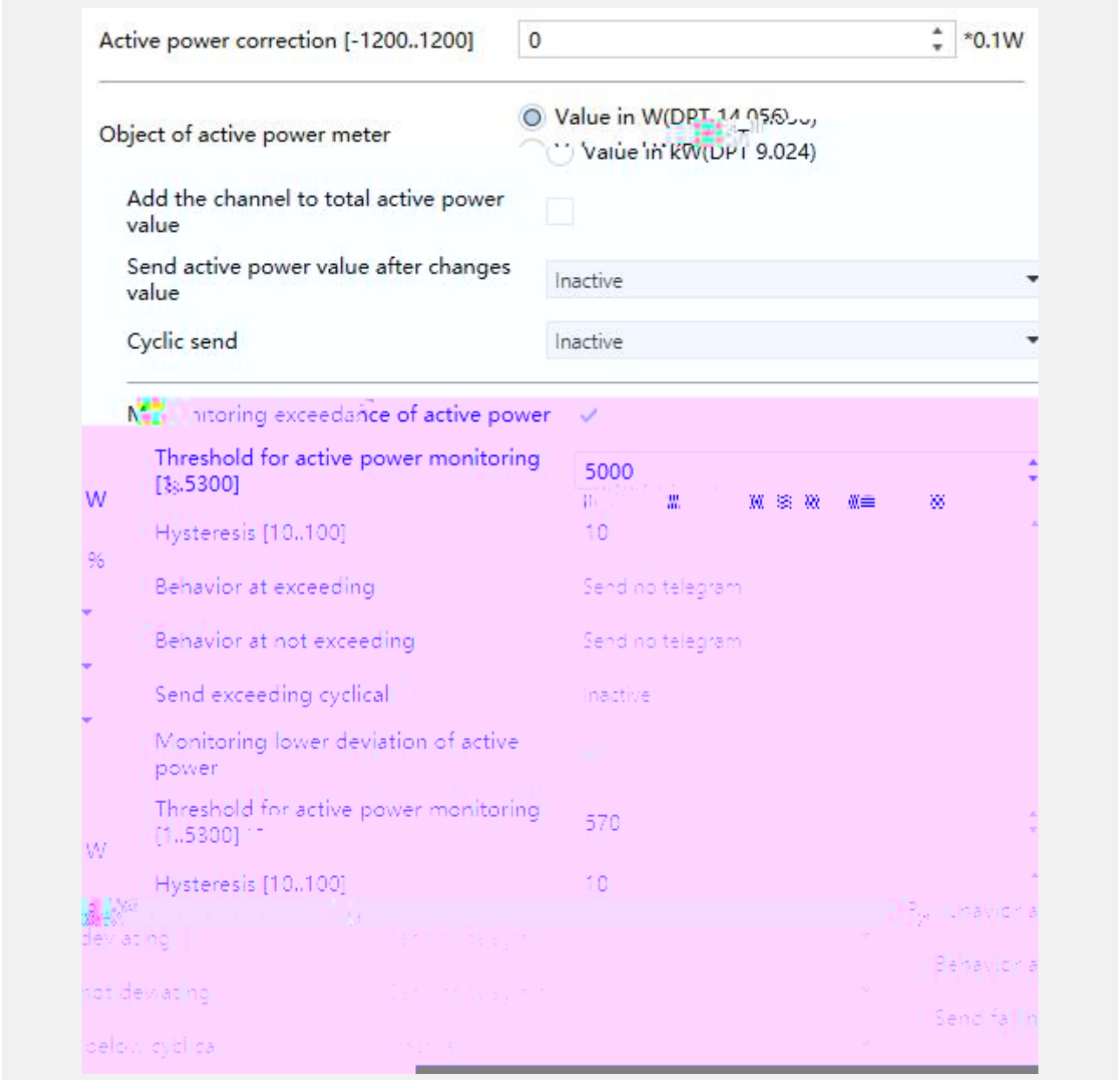



629
†43 (‡
4 0 314 - 43 (
dfwlyh‡

318

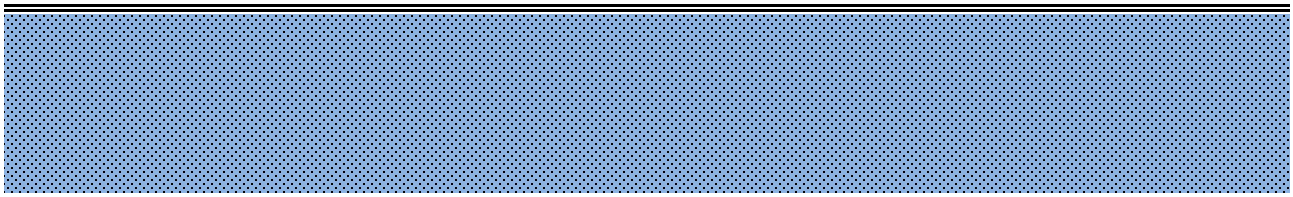
71;1+6, / †Ixqfwlrq ri †Dfwlyh sr zhu‡‡ 71;144

†[Dfwlyh sr zhu‡ k



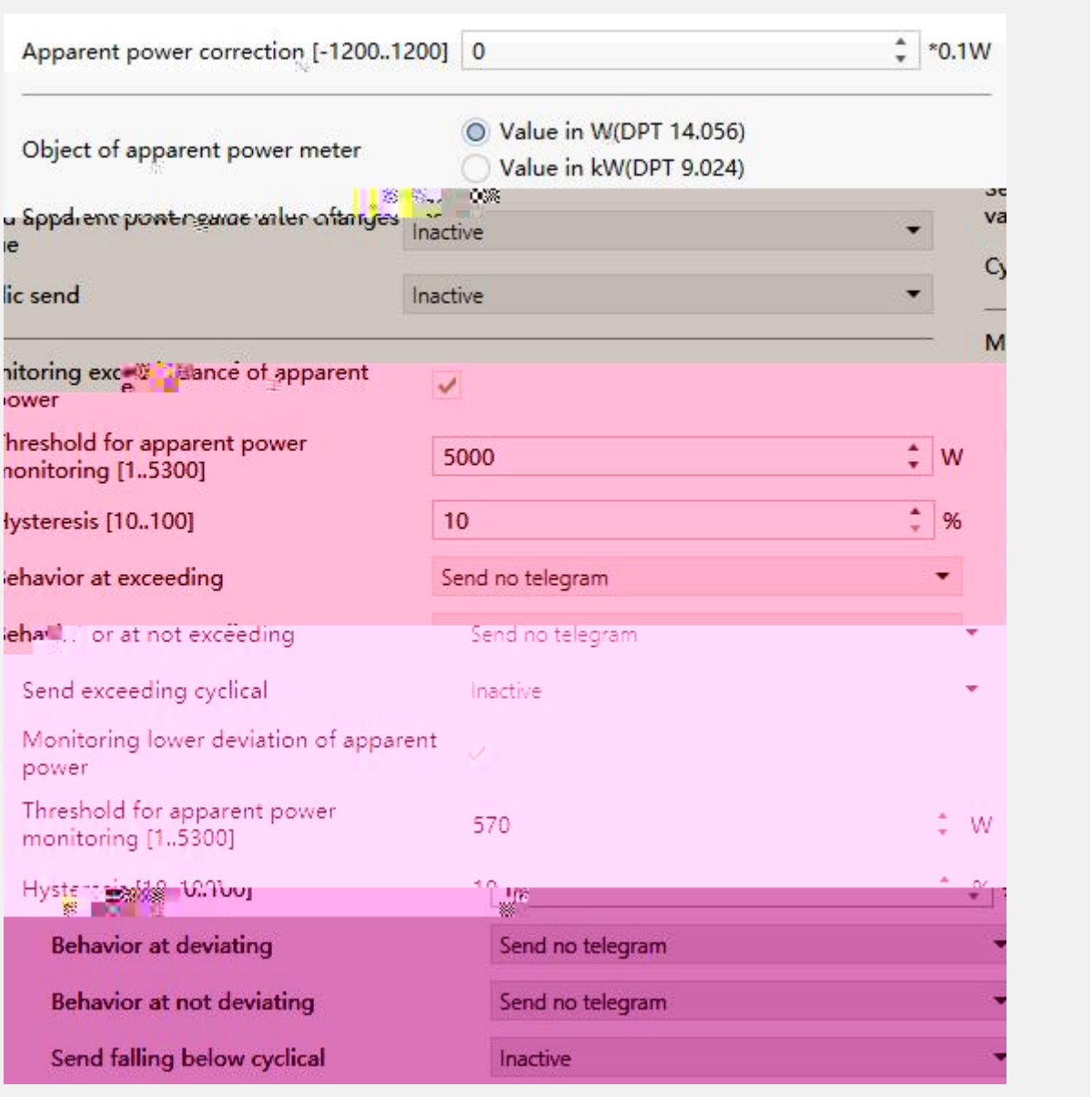
71;144 [Dfwlyh sr zhu

k



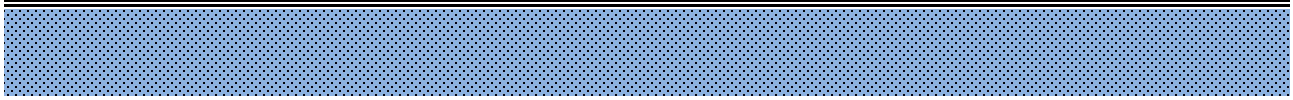
71;1+6, / †Ixqfwlrq ri †Dssduhqw sr zhu‡‡ 71;145

†[Dssduhqw sr zhu‡ k

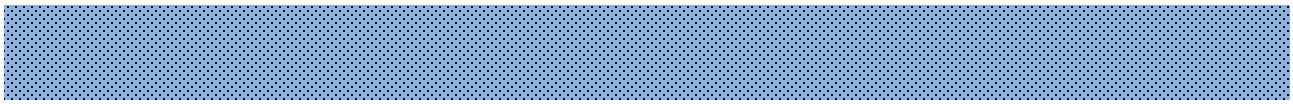


71;145 [Dssduhqw sr zhu

k



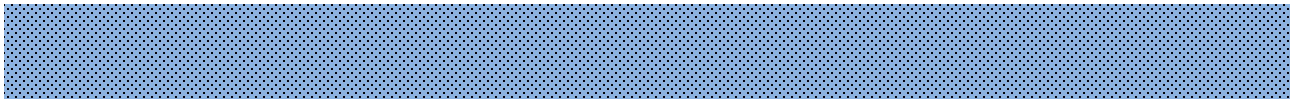
k



k

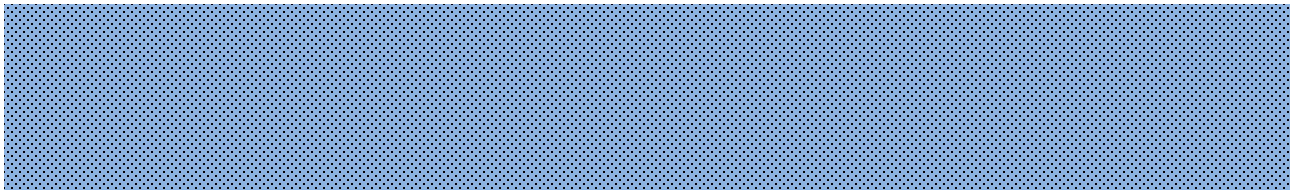
†43(‡ 433Z 443Z 433Z . 433Z - 43(

<3Z 433Z 0 433Z - 43(k



k

†Lqdfwlyh‡ k ‡43Plq‡ 43 k



2 k

†Lqdfwlyh‡ k‡43Plq‡ 43 k

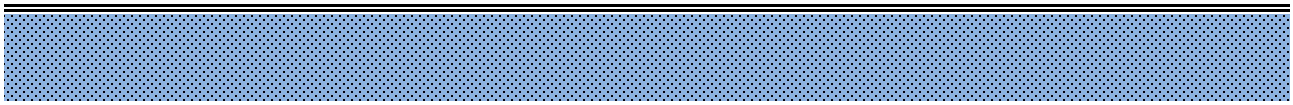


NQ[2HLE 629 53D

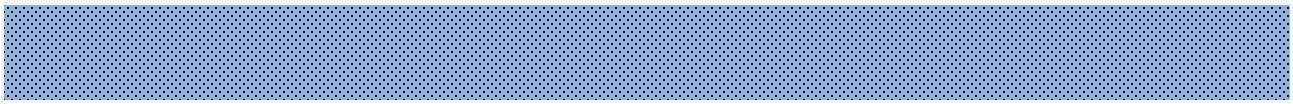
71;1+6 †Lxqfwlrq ri †H0k wulfdo hqhuj|‡‡

71;146 †[

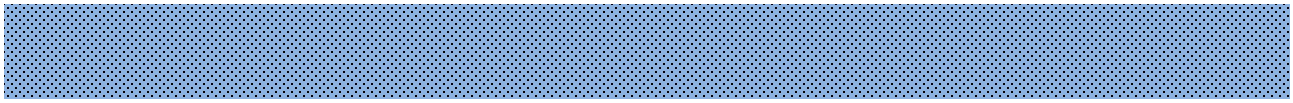
:5



k



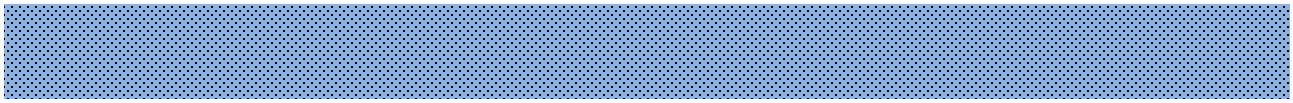
k



k

†43(‡ 433Zk 443Zk 433Zk . 433Zk - 43(

<3Zk 433Zk 0 433Zk - 43(k



k

†Lqdfwlyh‡ k ‡43Plq‡ 43 k

2 k

2 k

k

2 k

2 k

Wkuhvkrog iru hohfwulf hqhuj| p rqlwm

/





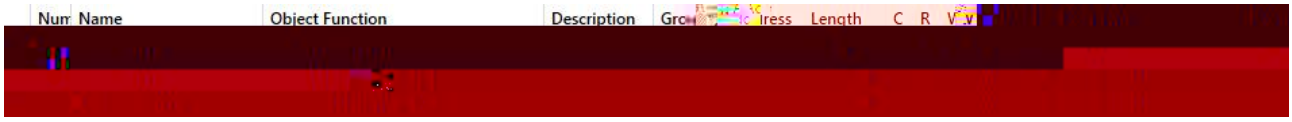
NQ[2HLE 629 53D

†Vhqg qr whohjudp‡ †Vhqg RQ whohjudp‡ †4‡ †Vhqg RII whohjudp‡ †3‡

k

k

k



814 ‡ Jhqhud‡

BNR



81514

GSW

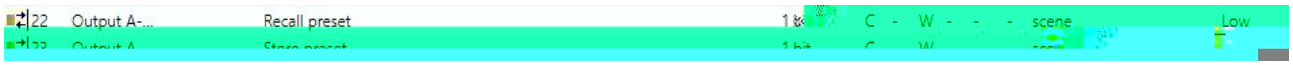
†4‡ ‡ ‡ †3‡ ‡ ‡ k

†Lqsxw 3‡ †Vzlwfk/[‡ †Lqsxw 3‡ k

†Ghvfulswlrq



18	Outp...	Output of staircase lighting	1 bit	C	-	W	-	-	-	switch	Low
19	Output A-...	Switch time function	1 bit	C	-	W	-	-	-	enable	Low
20	Output A-...	Warning of staircase	1 bit	C	-	-	T	-	-	alarm	Low
21	Output A-...	Duration of staircase	2 bytes	C	R	W	-	-	-	time (s)	Low
18	Output A-...	Switch out with delay	1 bit	C	-	W	-	-	-	switch	Low
18	Outp...	Switch out with flashing	1 bit	C	-	W	-	-	-	switch	Low



81516

					GSW
		†3‡		‡3‡ †4‡	‡4‡ k
‡Suhvhw fdq eh fkdqjhg yld exv‡ k					
			†3‡		‡3‡
†4‡		‡4‡ k			

81516



81517

					GSW
†Wkh lqsxw 4 ri 0r jlf lv‡ k					
†Wkh lqsxw 5 ri 0r jlf lv‡ k					

81517



81518

					GSW

;elw k k

;elw k

;elw + , I[QQQQQQ

I= †3‡ †4‡

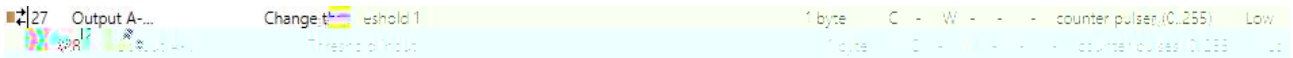
[3

QQQQQQ 3‰96 k

4¢97 †Vfhqh‡ 3¢96 k 4

†Vfhqh‡ 3 k

81518 †Vzlwfk dfwxdwru‡



81519

					GSW
4 k					
k					

81519

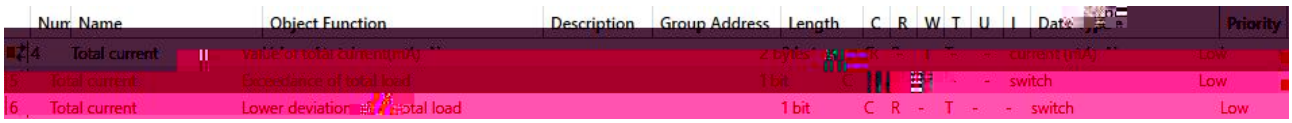
29	Output A-...	Forced operation	1 bit	C	-	W	-	-	-	switch	Low
29	Output A-...	Forced operation	2 bit	C	-	W	-	-	-	switch control	Low

8151:

GSW

†4elw‡ k †4‡

†3‡ k



Num	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	I	Data	Priority
4	Total current	Value of total current(mA)			2 bytes	C	R	-	T	-	-	current (mA)	Low
5	Total current	Exceedance of total load			1 bit	C	R	-	T	-	-	switch	Low
6	Total current	Lower deviation of total load			1 bit	C	R	-	T	-	-	switch	Low

816 †Wrwdo fxuuhqw‡

					GSW
†Remhfw vhohfwlrq iru wkh fxuuhqw phdvxuhphqw‡					
k					
k				†Ehkdylru dw+qrw, h{fhhglqj‡	k
k				†Ehkdylru dw+qrw, ghyldwlqj‡	k

816 †Wrwdo fxuuhqw‡

Num	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	I	D	Prio
7	Total active power	Value of total active power(W)			4 bytes	C	R	-	T	-	-	power (W)	Low
8	Total active power	Exceedance of total active power			1 bit	C	R	-	T	-	-	switch	Low
9	Total active power	Lower deviation of total active power			1 bit	C	R	-	T	-	-	switch	Low

817 †Wrwdo dfwlyh srzhu‡

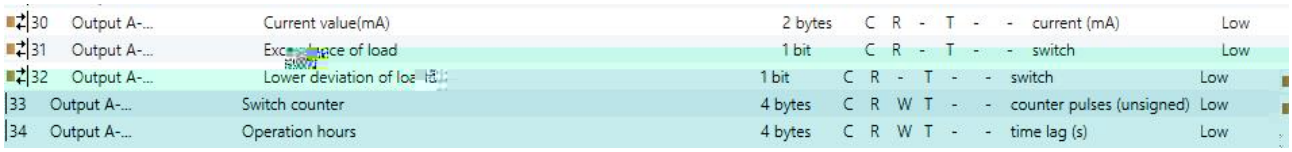
GSW

Num	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	I	Data Type	Priority
13	Frequency measurement	Value of frequency			4 bytes	C	R	-	T	-	-	frequency (Hz)	Low
14	Frequency measurement	Exceedance of frequency			1 bit	C	R	-	T	-	-	switch	Low
15	Frequency measurement	Lower deviation of frequency			1 bit	C	R	-	T	-	-	switch	Low

8!9 †Iuht xhqf| phdvxuh p hqw‡

					GSW
		k			
		k		†Ehkdylru dw+qrw, h{fhhglqj‡	k
		k		†Ehkdylru dw+qrw, ghyldwlqj‡	k

8!9 †Iuht xhqf| phdvxuh p hqw‡



30	Output A-...	Current value(mA)	2 bytes	C	R	-	T	-	-	current (mA)	Low
31	Output A-...	Exc[illegible]ance of load	1 bit	C	R	-	T	-	-	switch	Low
32	Output A-...	Lower deviation of loa[illegible]	1 bit	C	R	-	T	-	-	switch	Low
33	Output A-...	Switch counter	4 bytes	C	R	W	T	-	-	counter pulses (unsigned)	Low
34	Output A-...	Operation hours	4 bytes	C	R	W	T	-	-	time lag (s)	Low

81: †[=Fxuuhqw‡

					GSW
†Remhfw ri fxuuhqw phdvxuhphqw‡ k					
k †Ehkdylru dw+qrw, h{fhhglqj‡ k					
k †Ehkdylru dw+qrw, ghyldwlqj‡ k					
k †Frxqwhu ixqfwlrq‡ †Remhfw rivzlwfk dqg rshudwlrq krxuv frxqwhu‡ k					
k †Frxqwhu ixqfwlrq‡ †Remhfw rivzlwfk dqg rshudwlrq krxuv frxqwhu‡ k					

81: †[=Fxuuhqw‡



81; †[=Yrwdjh‡

					GSW
k					
k					†Ehkdylru dw+qrw, h{fhhglqj‡
k					
k					†Ehkdylru dw+qrw, ghyldwlqj‡
k					

81; †[=Yrwdjh‡



81<†[=Srzhuidfwru‡

					GSW
k					
k					†Ehkdylru dw+qrw, h{fhhglqj‡ k
k					†Ehkdylru dw+qrw, ghyldwlqj‡ k

81<†[=Srzhuidfwru‡

41	Output A-...	Active power value(W)	4 bytes	C	R	- T - -	power (W)	Low
42	Output A-...	Exceedance of active power	1 bit	C	R	- T - -	switch	Low
43	Output A-...	Lower deviation of active power	1 bit	C	R	- T - -	switch	Low

8!43 †[=Dfwlyh srzhu‡

					GSW
					†Remhfw ri dfwlyh srzhu phwhu‡ k
					!
				k	†Ehkdylru dw+qrw, h{fhhglqj‡ k
		↓↓			
				k	†Ehkdylru dw+qrw, ghyldwlqj‡ k

8!43 †[=Dfwlyh srzhu‡

44	Output A-...	Apparent power value(W)	4 bytes	C	R	- T - -	power (W)	Low
45	Output A-...	Exceedance of apparent power	1 bit					
46	Output A-...	Lower deviation of apparent power	1 bit				switch	Low

8!44 †[=Dssduhqw srzhu‡

GSW

†Remhfw ri dssduhqw srzhu phwhu‡ k

7

0A 50A 40A

k

Irufhg rshudwlrq

5 Vdihw|Sulrulw|5

4 Vdihw|Sulrulw|4

Vzlwfk

wlph2suhvhw2orjlf2vfhqh2wkuhvkrog

k

k k