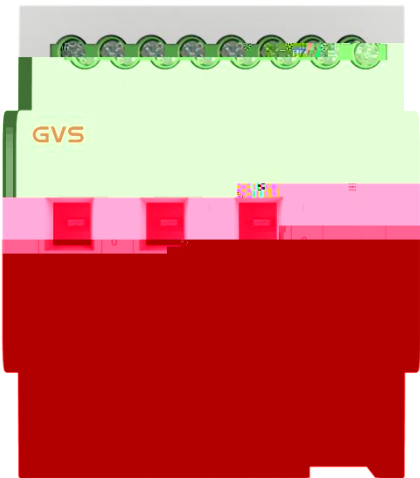
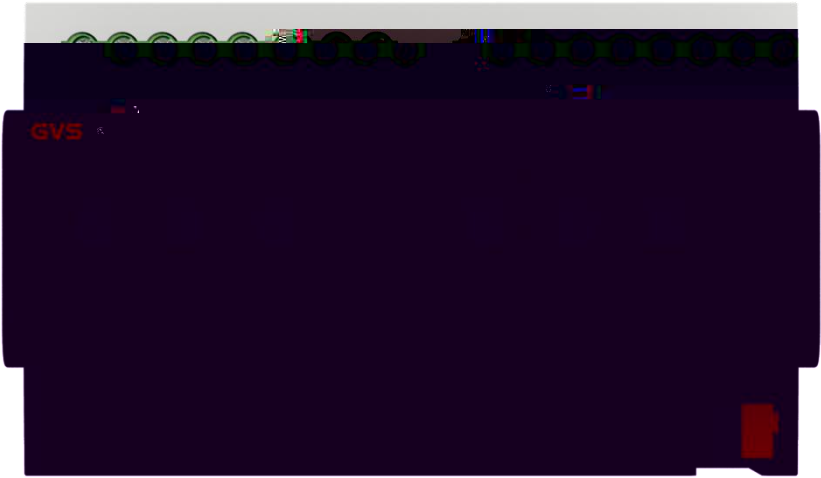


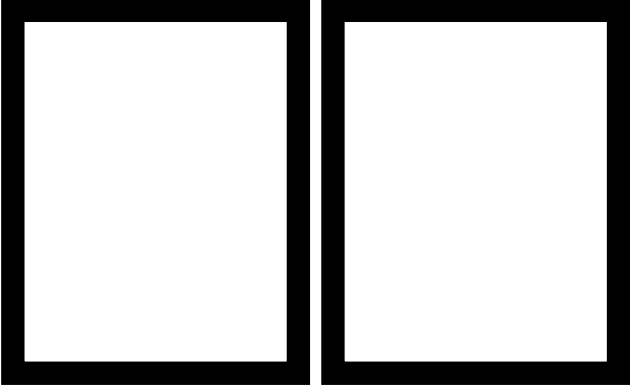


KBUS



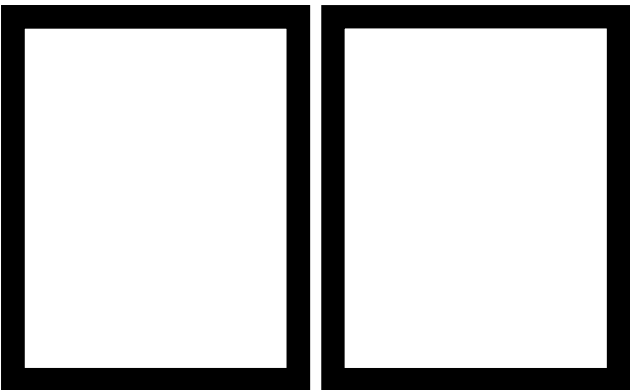
注意事项

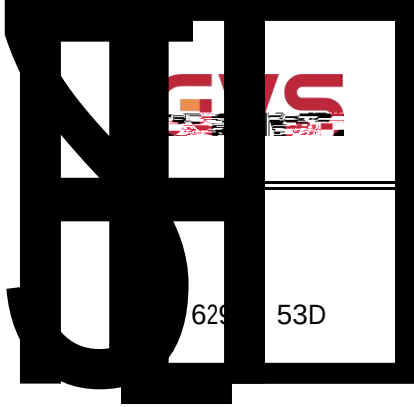
- 1、请远离强磁场、高温、潮湿等环境；



100% 100% 100% 100% 100% 100% 100% 100% 100% 100%

8 人

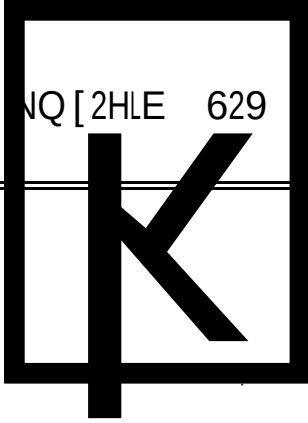
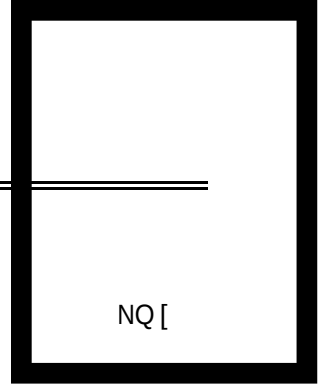




KBUS

NQ [2HLE 629

53D



629

53D

NQ [

“

“

6

9

k

53 D

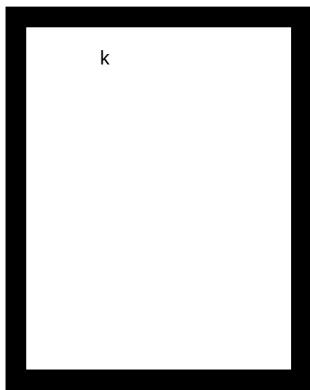
k

k

HQ 93 : 48

NQ [

68



k

54063Y GF /

6 ?4718pD257Y ?45pD263Y

9 ?5718pD257Y ?53pD263Y



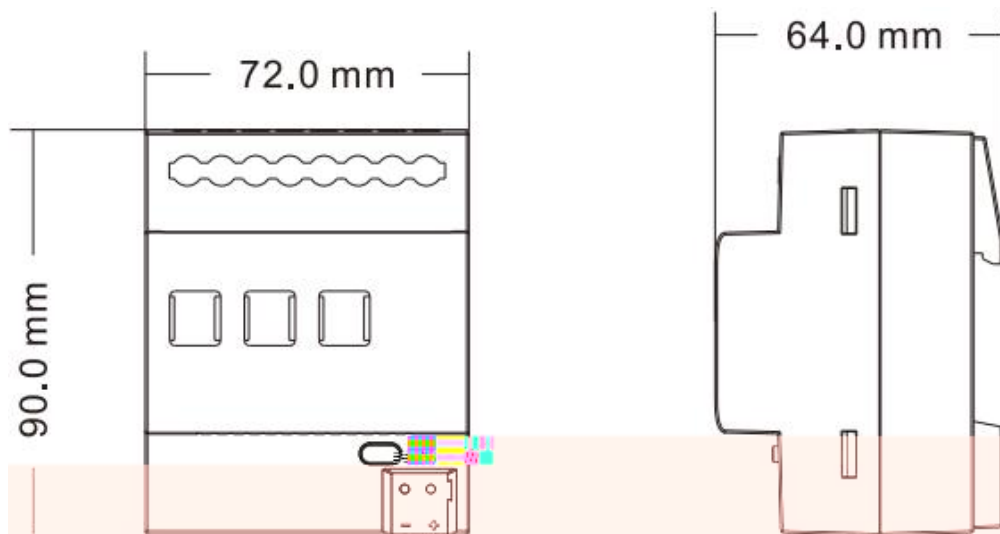
NQ[2HLE 629 53D

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

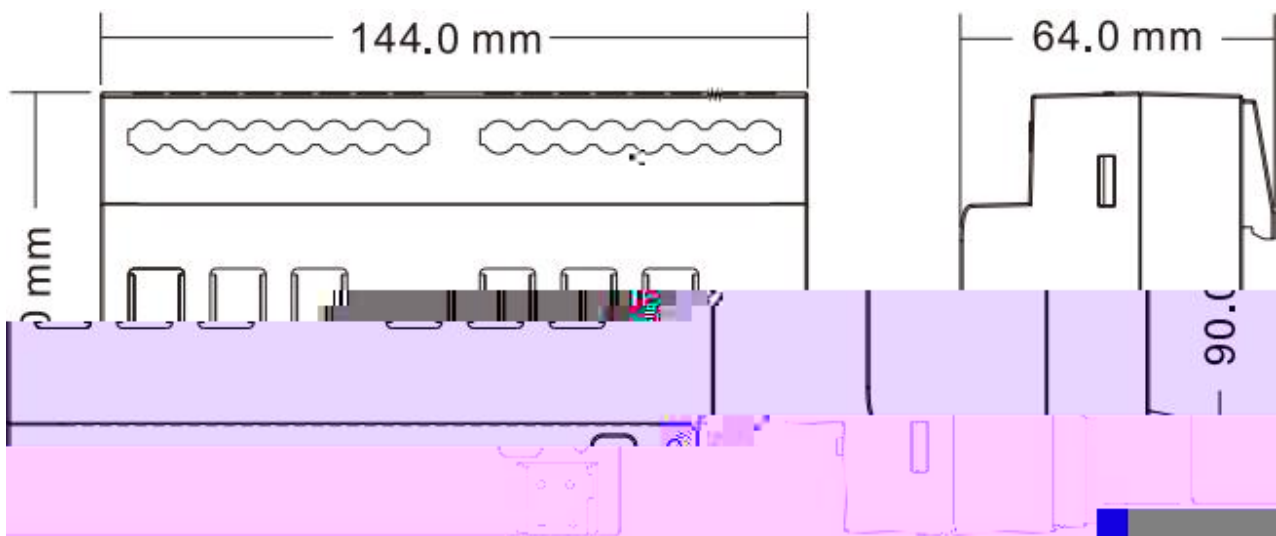
k

k

Vzlwfk Dfwdxwru zlwk Hqhu j	44:	733	733	733
ghwhfwlrq/60I rog/53D233GH 413				
Vzlwfk Dfwdxwru zlwk Hqhu j	54<	733	733	733
ghwhfwlrq/90I rog/53D233GI 413				

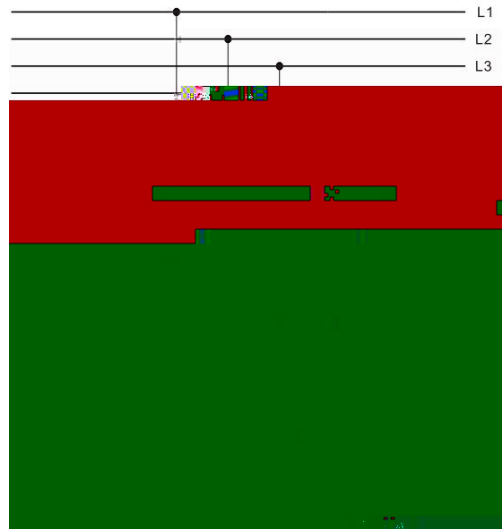


614+4, DUHG03625314

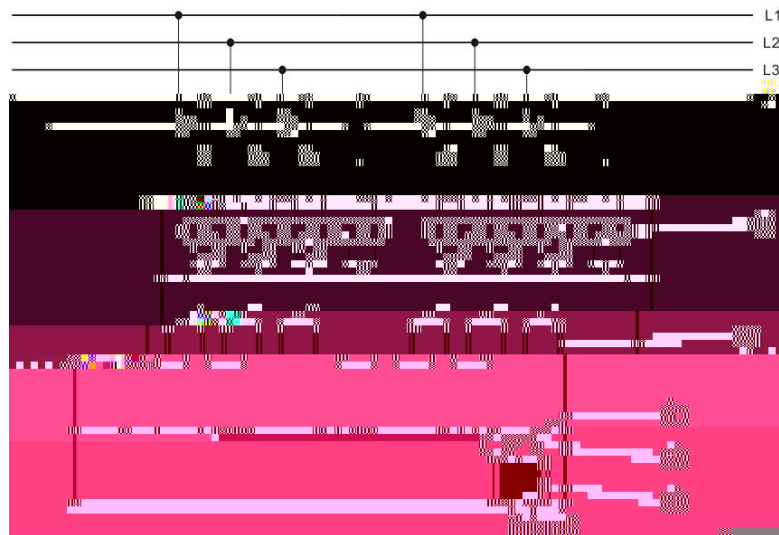


614+5, DUHG03925314

DUHG03625314	: 5 { <3 { 97 p p	316nj
DUHG03925314	477 { <3 { 97 p p	318nj



615+4,DUHG03625314



615+5,DUHG03925314

F

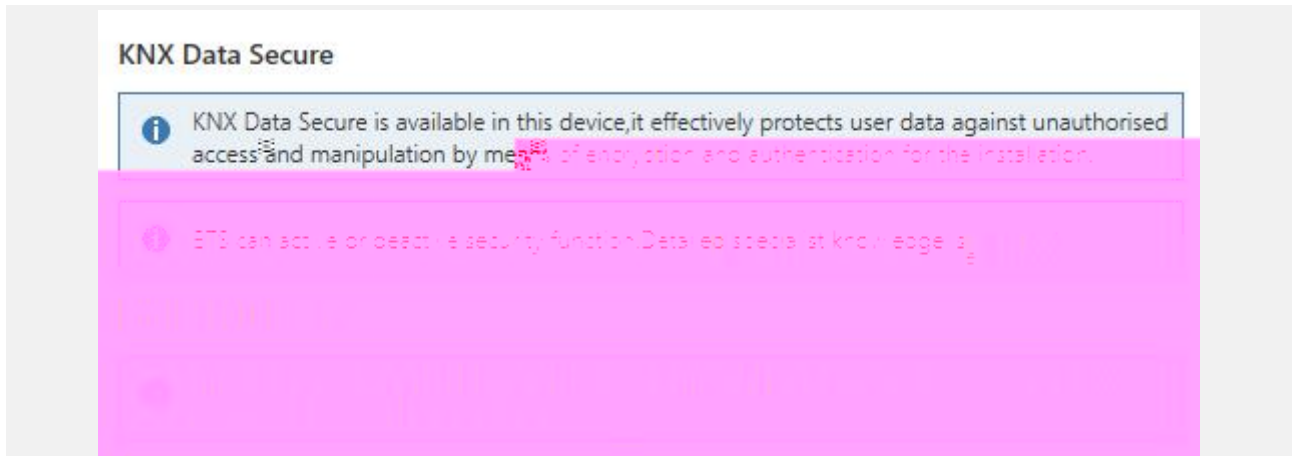
F □

Ja .XtESWd'7s€

BAto dD€

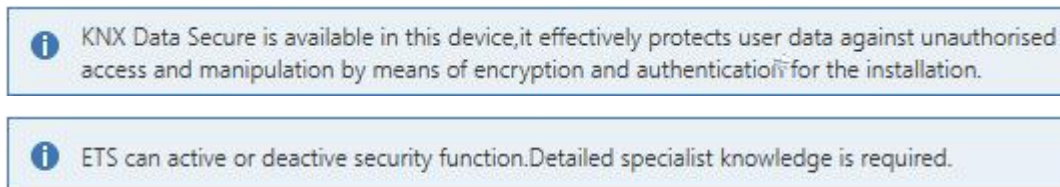
NQ[NQ[k

k



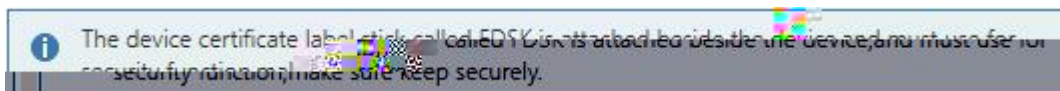
714+4, †NQ[Vhfxu†

NQ[NQ[HWV 714+4,



NQ[

k HWV k k



IGVN k

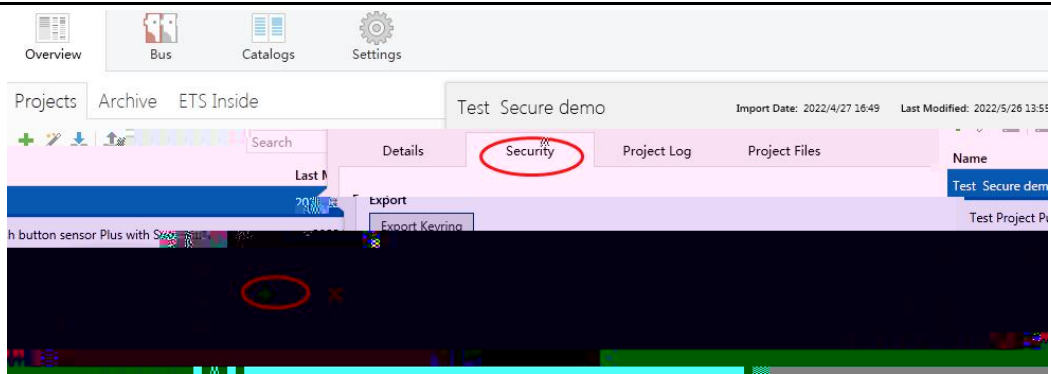


NQ [2HLE 629 53D

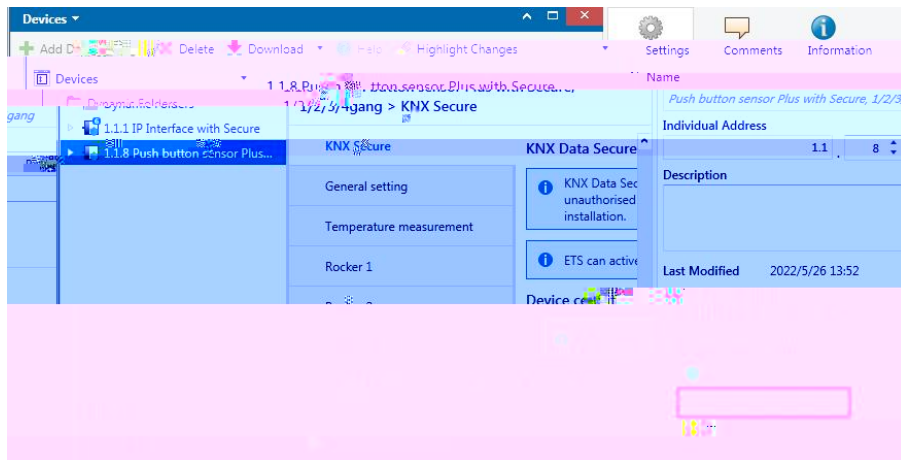
HWV



NQ[2HLE 629 53D



714+6, Dgg Ghylfh Fhuilfdwh



714+7, Dgg Ghylfh Fhuilfdwh



IGVN k

k

IGVN

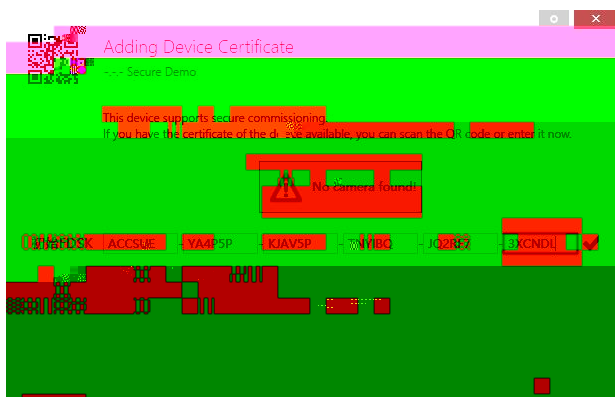
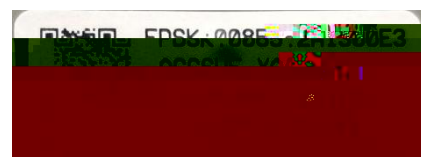
IGVN

HWV

714+8, k

HWV

IGVN k



714+8,

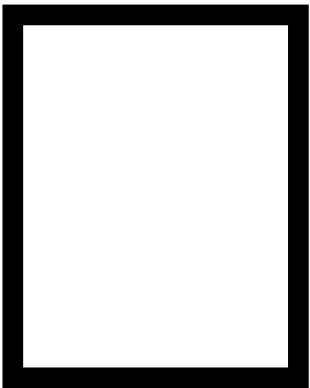
;



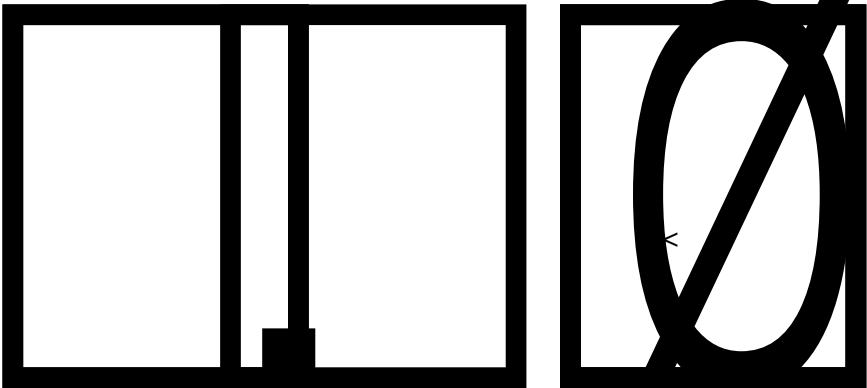
NQ [2HLE 629 53D

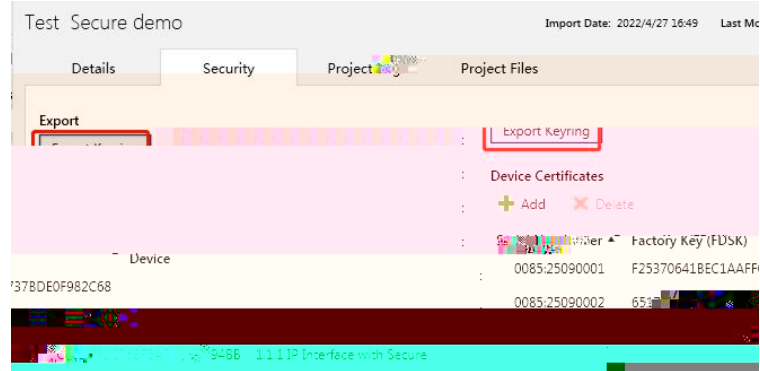
k

714+9, †



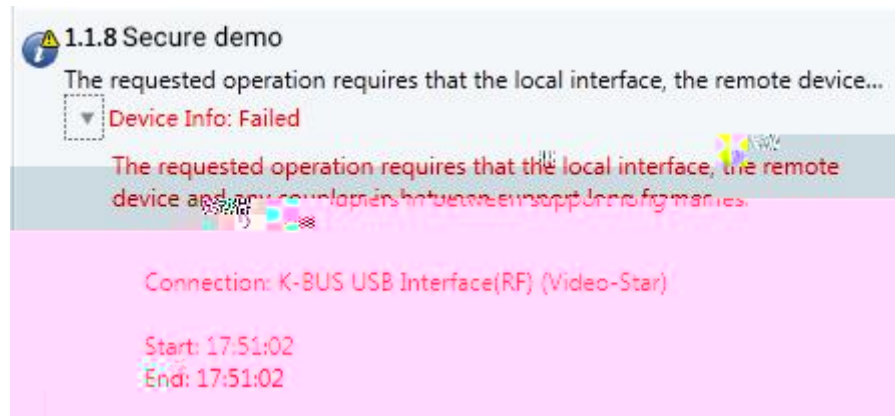
□ □ □ □ □ □ □ □ □ □

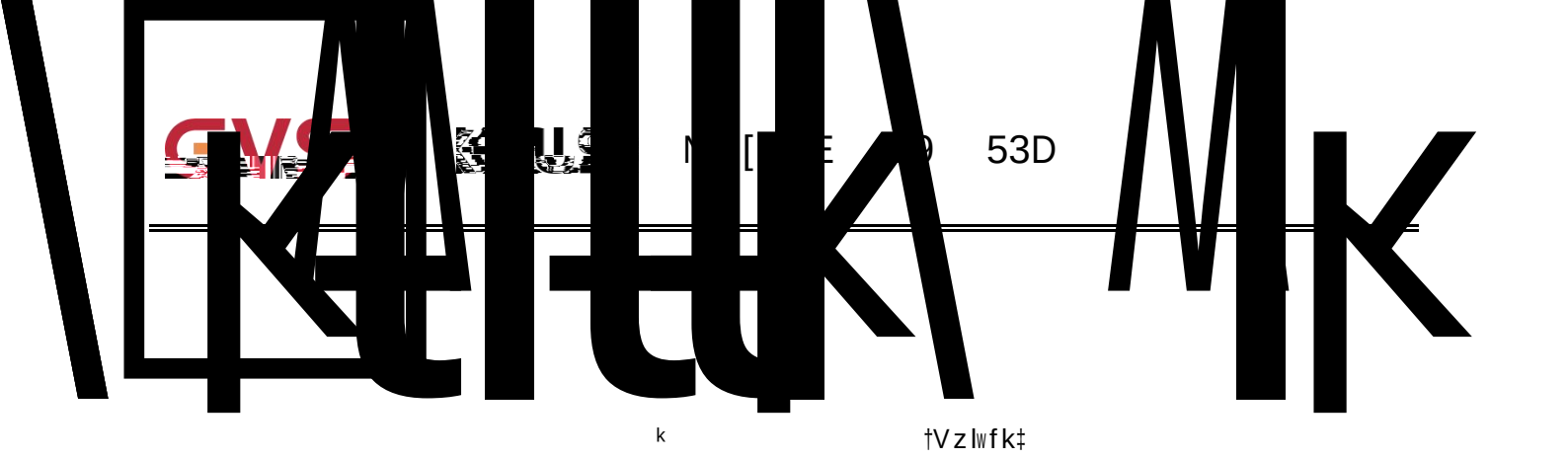




714+;, ,

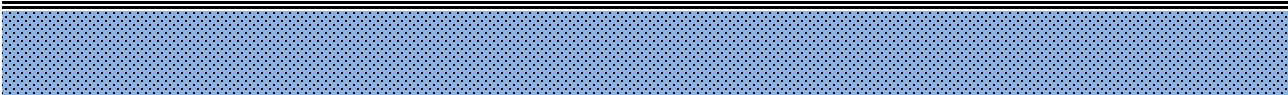
k







NQ [2HLE 629 53D



k



/

553Y DF

k

5

k

k

k

k



k

†3†

†Lq

rshudwlrq†

k

†3†

†Lq rshudwlrq†

†4†

k

k

k



†Wrwdo f xuuhqw†

k



NQ [2HLE 629 53D

†Wrwdō d f wlyh s r z hu ‡ k

†Wrwdō hoh f wulf h qhu j | ‡ k

† l uht x hq f | p h d v x u h p h q w ‡ k

†Vdihw| sulrulw| ‡ k

5 †Vdihw| sulrulw| ‡ k †Vdihw| sulrulw| ‡

†Vdihw| Sulrulw| { ‡ + { @ 4/5, k

k †[Vdihw| ‡ k

Lqdfwlyh †Vdihw| Sulrulw| ‡ k

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

k

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

k



NQ [2HLE 629 53D

{ k

3 †Vdihw| Sulrulw| {‡+{ @ 4/5, Uhvhw

Uhvhw

k

k

3 †Vdihw| Sulrulw| {‡+{ @ 4/5, Uhvhw

Uhvhw

k

k

Vdihw| 5 Vdihw| 4 k

Vzlwfk rq2rii

%4%@vzlwfk rq %3%@vzlwfk rii

Vzlwfk rq@frqwdfw forvh>Vzlwfk rii@frqwdfw rshq

k

†Wrwdo fxuuhqw†

71714

k

k

Object selection for the current measurement

☒ Float Value in mA(DPT 9.031)

☐ Value in A(DPT 14.019)

Send current value after changes value Inactive

Cyclic send Inactive

Monitoring exceeding load ☒

Factor for load monitoring [10..60000] 10

mA

Hysteresis [10..100] 10

Behavior at exceeding Send no telegram

Behavior at not exceeding Send no telegram

Send exceeding cyclical Inactive

Monitoring lower deviation of load ☒

Factor for load monitoring [10..60000] 10

mA

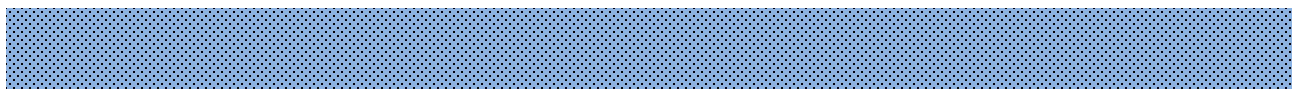
Hysteresis [10..100] 10

Behavior at exceeding Send no telegram

Behavior at not exceeding Send no telegram

Send exceeding cyclical Inactive

71714 †Wrwdo fxuuhqw†



k

†lordw Ydxxh lq pD†

†Ydxxh lq D†

k



NQ[2HLE 629 53D

60l r0g Rxwsxw

90l r0g Rxwsxw

k

2 k

2 k

ldfwru iru ordg prqlwrulqj 4D K|vwuhvvlv 43 (

4D 31<D 4D - 4043 (k

ldfwru iru ordg prqlwrulqj 318D K|vwuhvvlv 43 (

318D 3188D 318D - 4.43 (k

'Æ9t_Æ 2 2 k

†Vhgg qr whohjudp‡ †Vhgg RQ whohjudp‡ †4‡ †Vhgg R I I whohjudp‡ †3‡

k



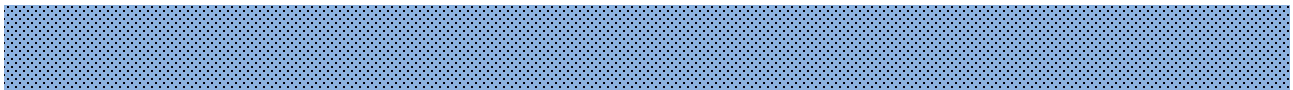
NQ [2HLE 629 53D

†Lqdfwlyh†

^k †43Plq† 43

k

k



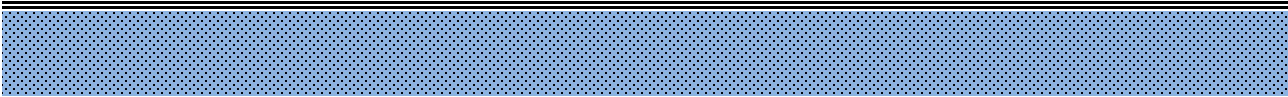
k

3

k



NQ [2HLE 629 53D



k

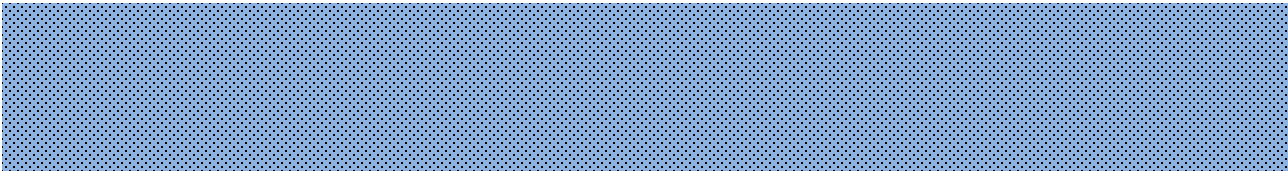
†43 (‡ 433 Z 443 Z 433 Z . 433 Z - 43 (

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



k

†Lqdfwlyh† ‡43Plq† 43 k



2 k



NQ [2HLE 629 53D

2

k

6 A



NQ [2HLE 629 53D

2

k

†Lqdfwlyh†

k †43Plq† 43

k

k



NQ [2HLE 629 53D

k

†43 (‡

433Zk

443Zk 433Zk . 433Zk - 43 (

<3Zk 433Zk 0 433Zk - 43 (

k

k

†Lqdfwlyh†

k ‡43Plq† 43

k

2

k



NQ [2HLE 629 53D

2 k

k

2 k

2 k

Wkuhvkrog iru hohfwulf hqhuj | p rqlwrulqj 4333 Z k K|vwuhuvlv

43 (4333 Z k <33 Z k 4333 Z k - 4043 (

k

Wkuhvkrog iru hohfwulf hqhuj | p rqlwrulqj 833 Z k K|vwuhuvlv 43 (

833 Z k 883 Z k 833 Z k - 4.43 (k

2

2

k

†Vhqg qr whohjud p ‡

†Vhqg RQ whohjud p ‡

†4 ‡

†Vhqg R I I whohjud p ‡

†3 ‡

k



NQ [2HLE 629 53D



NQ [2HLE 629 53D

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

43K} 0 43K} - 43 (k



k



NQ [2HLE 629 53D

83K} 78K} 83K} - 4043 (k
Wkuhvkrog iru iuhtxhqf| p rqlwrulqj 73K} K|vwhuhvlv 43 (
73K} 77K} 73K} - 4.43 (k

2 2 k

†Vhqg q r whohjudp ‡ †Vhqg RQ whohjudp ‡ †4 ‡ †Vhqg R I I whohjudp ‡ †3 ‡

k

2 k

†Lqdfwlyh ‡ k ‡43Plq ‡ 43 k k



†Fkdqqh0 [‡

71;1+4,

k

k

†Fkdqqh0 [‡

† [‡

k

k

Description (max.30 char.)

bus recovery,output status is

bus failure,output status is

the reply mode of switch status

value of switch status

status for the telegram "1"
ram "0" is opposite of selection)

Unchange

Unchange

Transmit after change

☐ 0=contact close;1=contact open

☒ 0=contact open ; 1=contact close

☐ Contact open ☒ Contact close

Obj

Outp
(tele

Exter

71;+4,†Fkdqqh0 [‡

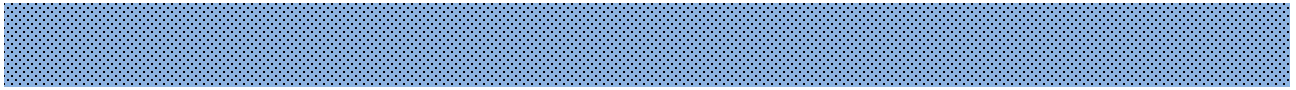
63

k



NQ [2HLE 629 53D

k



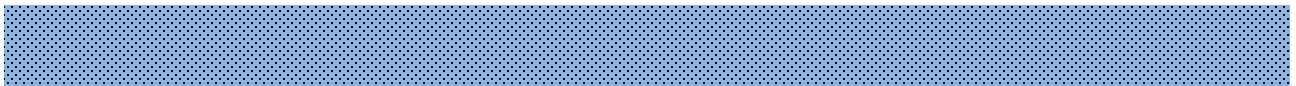
k

†Xqfkdqj h‡

†Frqwdfw rshq‡

†Frqwdfw forvh‡

k

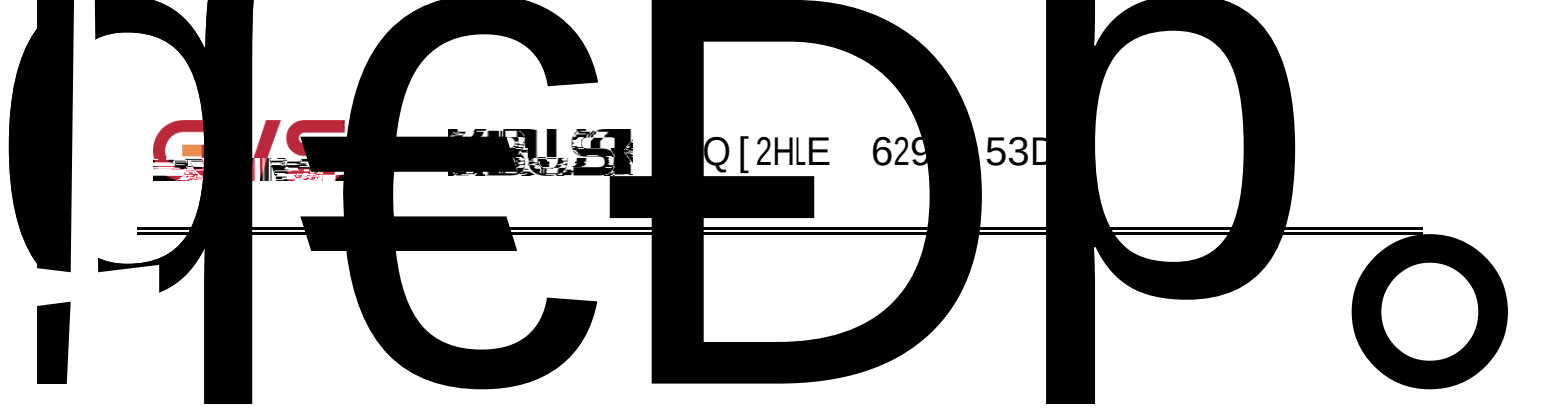


k

†Qr uhs0|‡

†Uhvsrqg diw hu uhdg r q0|‡

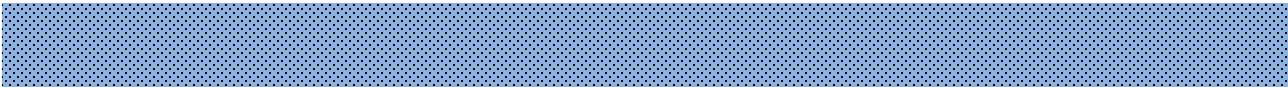
†Wudqv p



†3@frqwdfw forvh>4@frqwdfw rshq† †Vzlwfk vwdwxv† †Vzlwfk † †3†

†4†

†3@frqwdfw rshq>4@frqwdfw forvh† k



_í †4† †vzlwfk† k

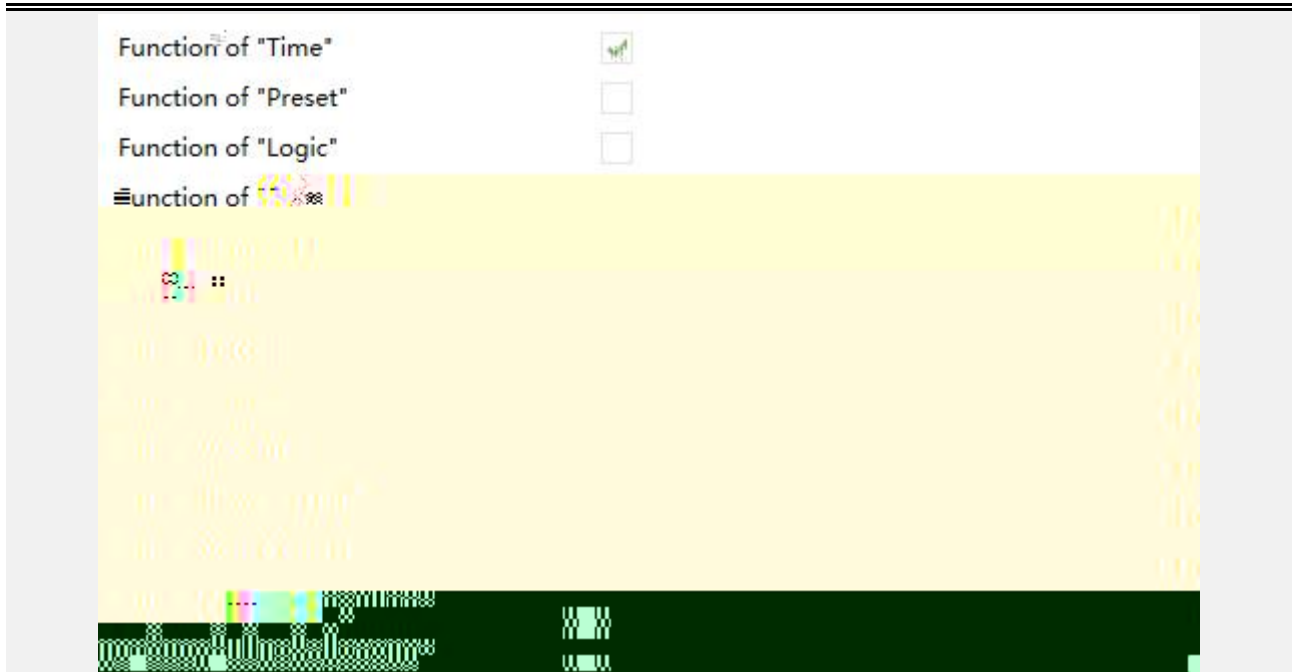
†lqsxw 3† †Bz0K A•...€~À †lqsxw 3†

k

†Frqwdfw rshq† k

†Frqwdfw forvh† k

†3† k



71;1+6, †[= 1xqfwrq†

71;+6,† [- Ixqfwlrq†

†Ixqfwlrq ri twlph† ‡

71;14

†Vzlwfk wlp h ixqfwlrq†

2

k

Type of time function

Delay

71;14 [- Wlp h

k

†Wkh prgh ri wlp h ixqfwlrq†

†Ghod| vzlwfk†

71;1414

k

The mode of time function

Delay switch

Delay for switch on(contact close)

0

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

--(0.1, 5, 40) s

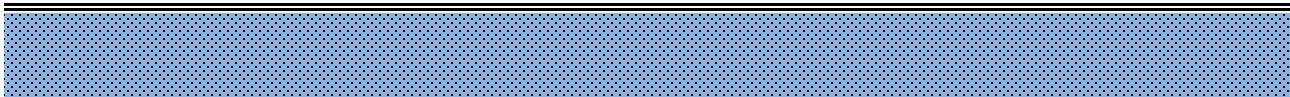
71;1414 [Wlp hghod| vzlwfk

+

,

2

k

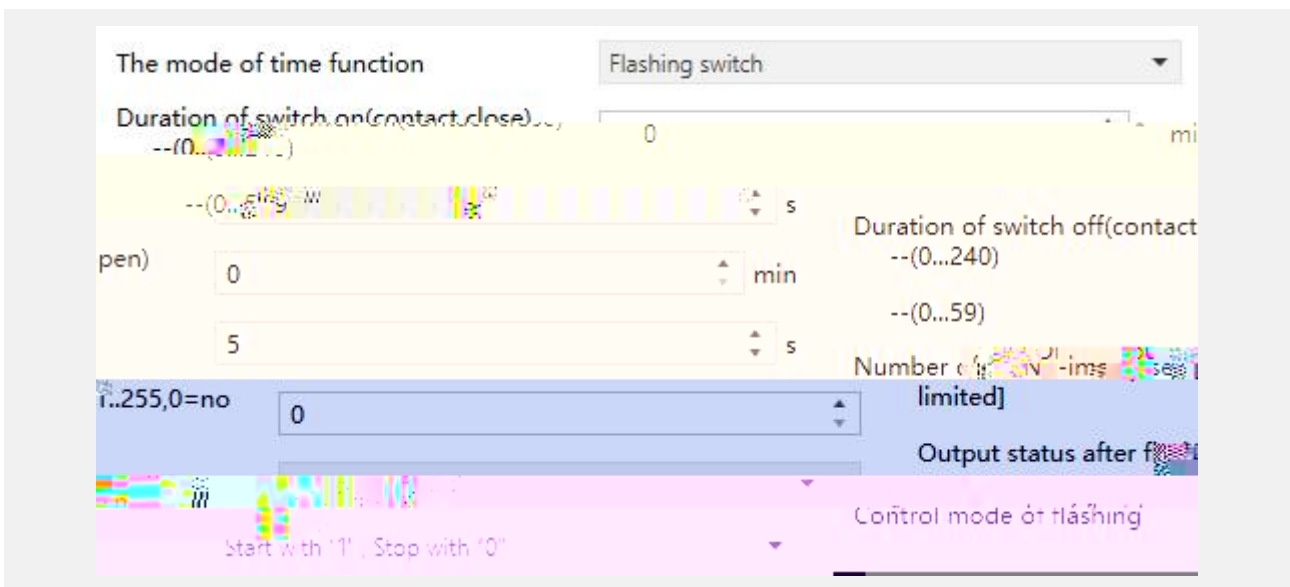


+ , 2 k

k

†Wkh prgh ri wlp hixqfwlrq† †lodvklqj vzlwfk† 71;1415

k



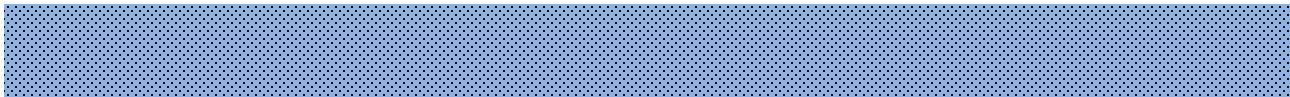
71;1415 [Wlp hiodvklqj vzlwfk

Iodvklqj k

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

†Vzlwfk rxw zlwkl iodvklqj† + , k

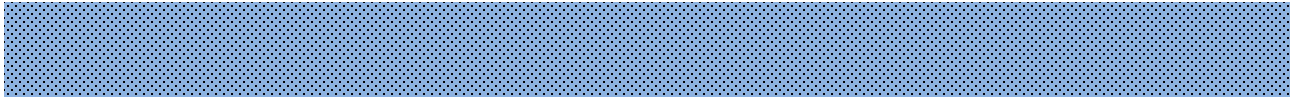
k



+ , k



NQ [2HLE 629 53D

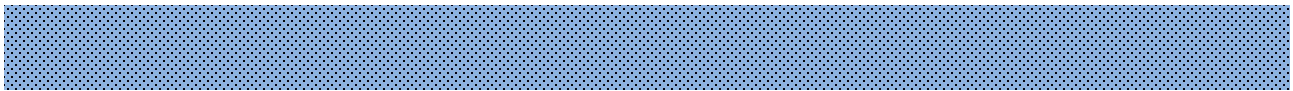


+ , k

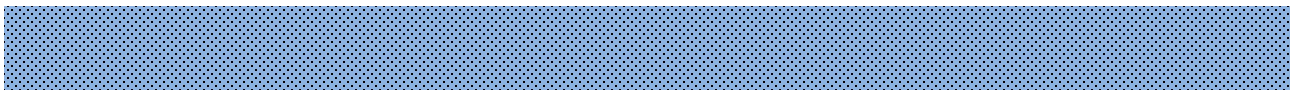
k

k

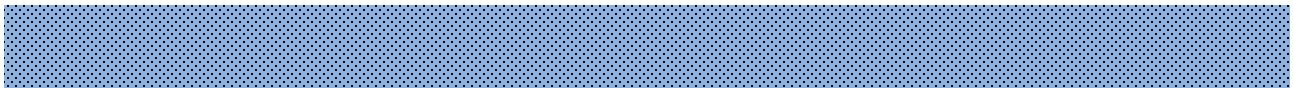
k



4%588 3 k



k



k



NQ[2HLE 629 53D

†Vwduw z lwk "3" vwr s z lwk "4"†

†Vz lwf k rxw z lwk iodvklqj†

3†

†4†

k

†Vwduw z lwk "324" fdq qrw eh vwr s†

†Vz lwf k rxw z lwk iodvklqj†

†4†

†3†

k

k

†Wkh prgh ri wlp h ixqfwlrq†

†Vwdufdvh ol j kwlqj†

71;1416

k

The mode of time function Staircase lighting

Duration of staircase lighting 2 min
--(0...1000)

0 s
--(0...59)

Control mode of staircase lighting Restart duration of staircase lighting

During the lighting time, if receive the "Start" telegram Restart duration of staircase lighting

Warning mode for ending of staircase lighting Via object & flashing the channel output

--The warning time for end of staircase lighting [0..59] 0

Modify the duration via object[0..60059s]

71;1416 [Wlp h Vwdufdvh ol j kwlqj

†Rxwsxw ri vwdlufdv h ol j kwlqj†

k

†Rxwsxw ri vwdlufdv h ol j kwlqj†

k

□ k

!p



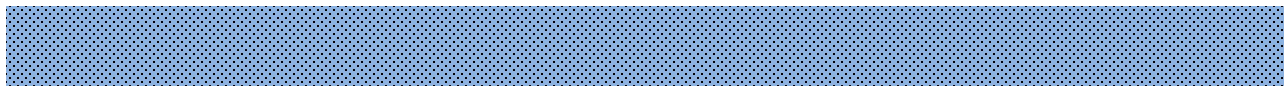
N L2HLE

629

53D

ANE

k





NQ [2HLE 629 53D

93

53

73.93@433

433

k

k

†Ljqruhgwkh "vzlwfk rq" whohjudp†

/

†Rxwsxw ri

vwdlufdvh oljkwqlj†

k

k

k

k

†qrwklqj†

k

k

‘

†Zduqlqj ri vwdlufdvh†

†4†

k

‘

4 k

k

†Yld remhfw†

†lodvklqj wkh fkdqgho rxwsxw zlwkrq2rii †

†Yld remhfw) lodvklqj wkh fkdqgho

rxwsxw†

k

k

k

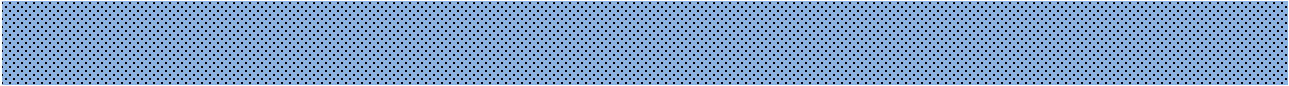


NQ [2HLE 629 53D

k

k

k



5

†Gxudwlrq ri vwdlufdvh†

k

k

k



The duration time receiving from bus must be longer than the warning time,otherwise it will be ignored

k

71;1+6,

/ †l xqfwlrq ri †suhvhw† †

71;15

+† [Suhvhw†,

k

Output status of the telegram "0"

None

Output status of the telegram "1"

Contact open

Preset can be changed via bus

☐

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‡†

†0dvw srvlwlrq ri frqwdfw‡ †Vdph dv wkh whohjudp †3‡†

+RQ2RII, k

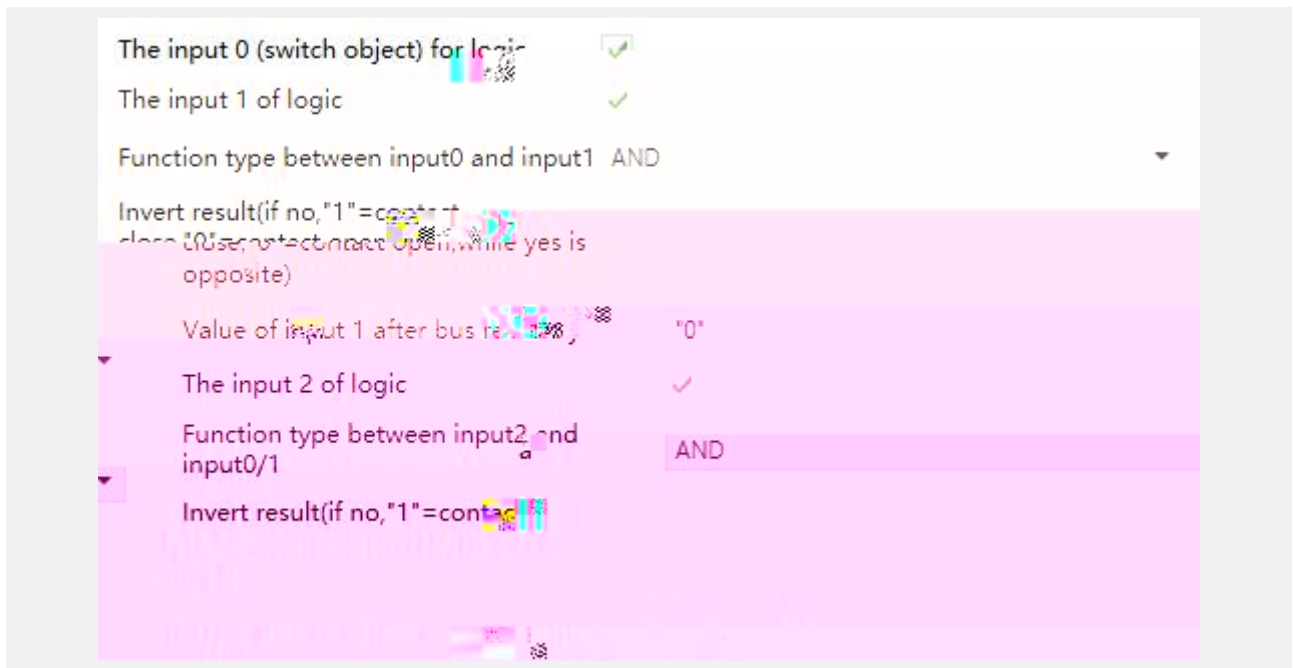
k

71;16,

†lxqfwlrq ri "orjlf‡

71;16

+†[Orjlf‡, k



71;16 [Orjlf

5

†Vzlwfk/[‡ k

†4‡

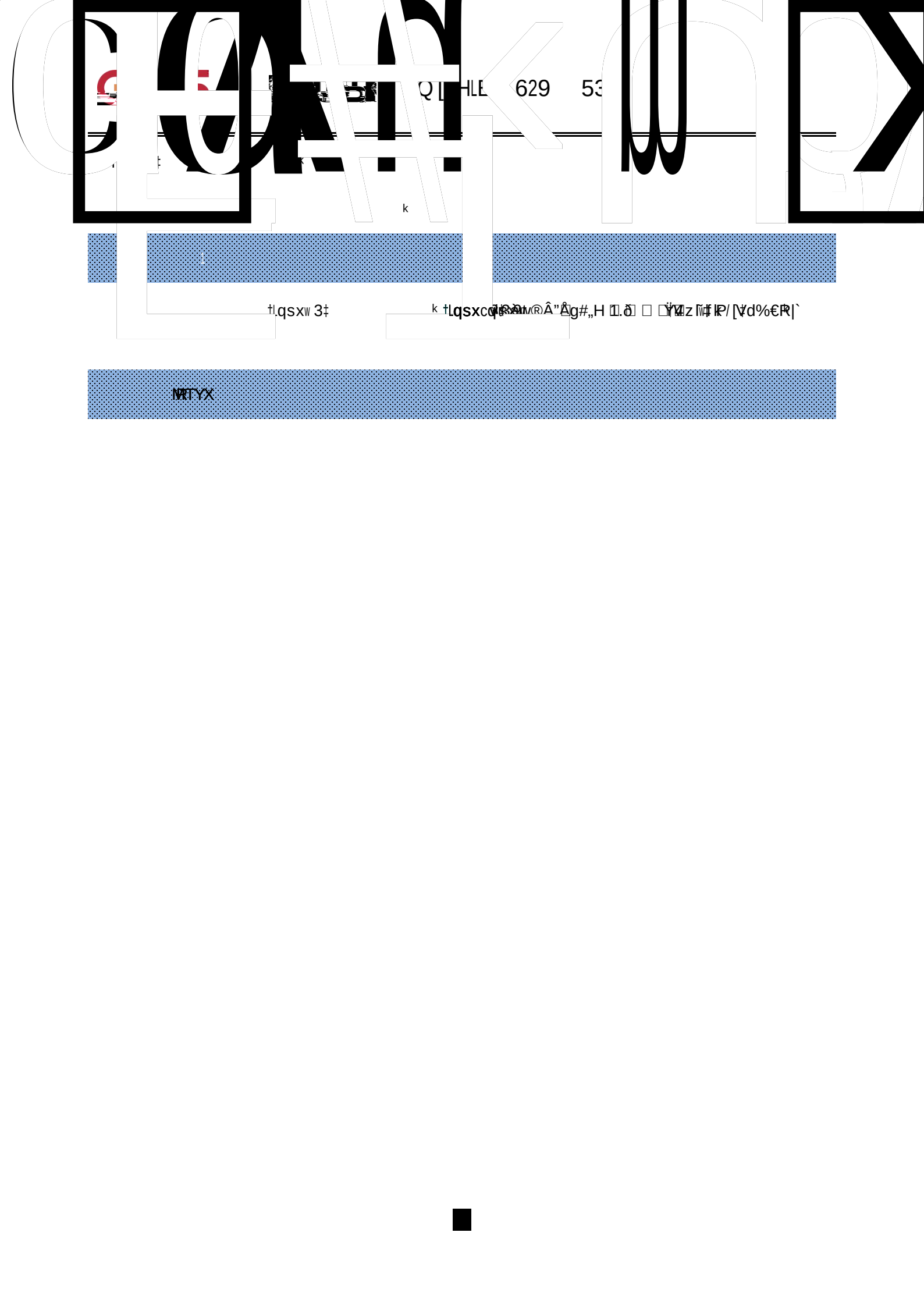
†3‡

k

Lqsxw

††Lqsxw 4 ÝmVzlwfk

‡





NQ [2HLE 629 53D

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

71;1+6,

†lxqfwrq ri tvfhqh††

71;17

+†[Vfhqh†, k

Overwrite scene stored values during download

1> channel is assigned to (1..64,0=no allocation)

--Output status is

> channel is assigned to (1..64,0=no allocation)

--Output status is

> channel is assigned to (1..64,0=no allocation)

--Output status is

> channel is assigned to (1..64,0=no allocation)

--Output status is

7> channel is assigned to (1..64,0=no allocation)

--Output status is

8> channel is assigned to (1..64,0=no allocation)

--Output status is

0

☒ Contact open ☐ Contact close

0

☒ Contact open ☐ Contact close

0

☒ Contact open ☐ Contact close

☒ Contact open ☐ Contact close

0

☒ Contact open ☐ Contact close

☒ Contact open ☐ Contact close

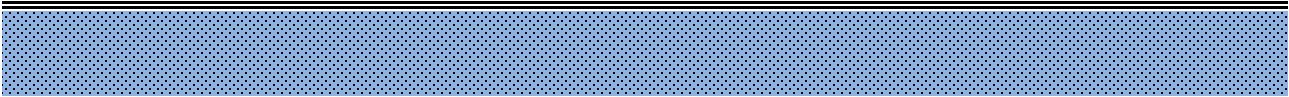
0

☒ Contact open ☐ Contact close

☒ Contact open ☐ Contact close



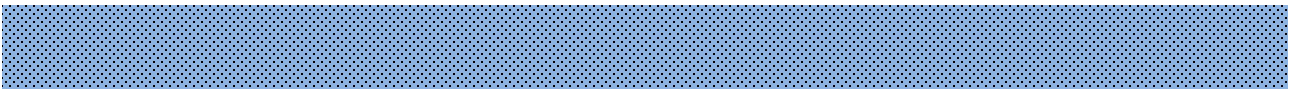
NQ [2HLE 629 53D



k

k

k



97

k

;

k

k

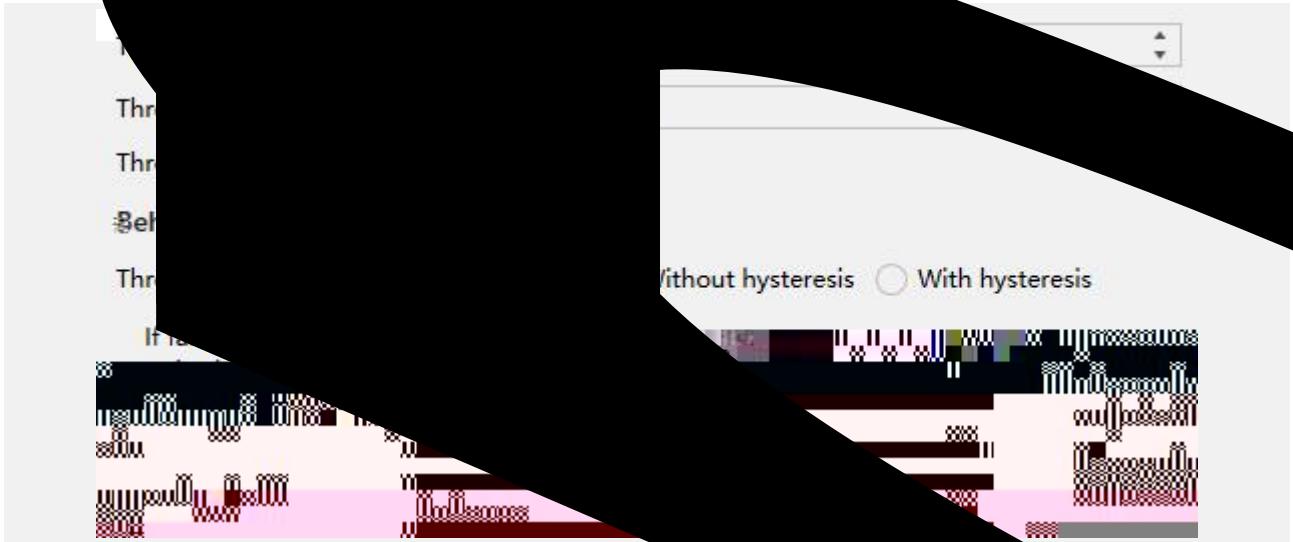
k

k

k

71;18

71;18



71;18 [Wkuhvkrög

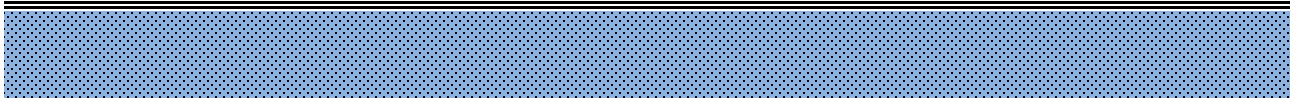
4E1wh

tWkuhvkrög lasxwt

k



NQ [2HLE 629 53D



4 Wkuhvkrög 4 yðoxh

k

†Fkdqjh Wkuhvkrög yðoxh 4†

k

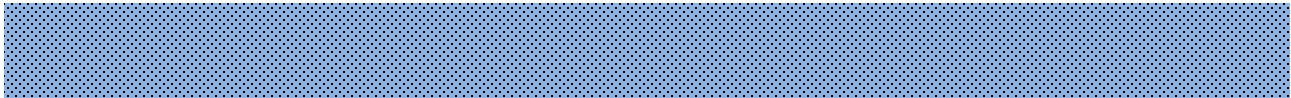
4 Wkuhvkrög

4 yðoxh

4 Wkuhvkrög 4 yðoxh

k

k

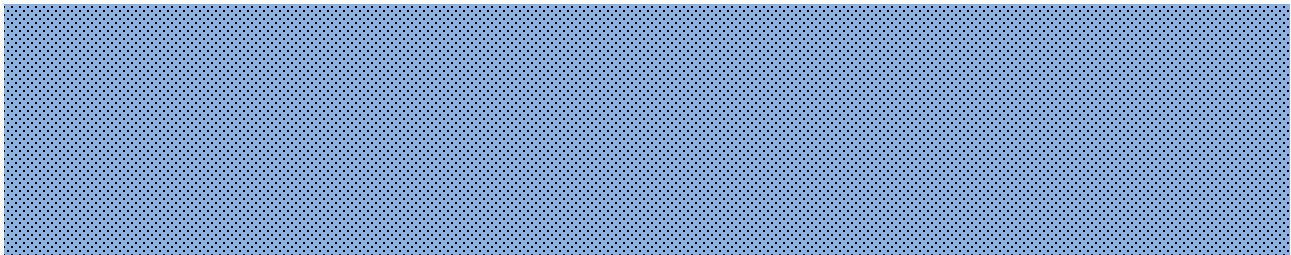


4 Wkuhvkrög 4 yðoxh

5 Wkuhvkrög 5 yðoxh

k

k



†Wkuhvkrög lqsw†

!

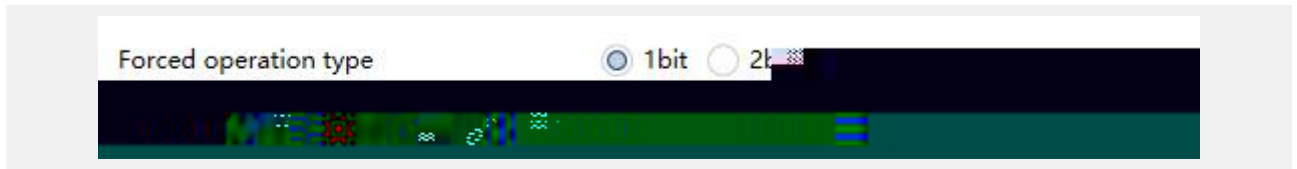
k

†Wkuhvkrög lqsw†

k



+†[I rufhg†, A? □ k



71;1: [I rufhg

†, A? k uq

†il rufhg rxwsw† k

†urifhg rshudwlrq†

k uq

†I rufhg rshudwlrq†

†, A? k uq □



NQ [2HLE 629 53D

k

†4elw†

†lrufhg rshudwlrq†

k

Xqfkdqjh

Frqwdfw rshq

Frqwdfw forvh

k

k

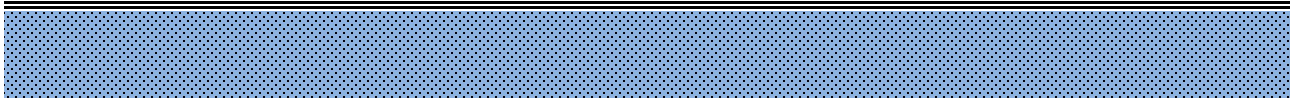
k

NQ [2HLE 629

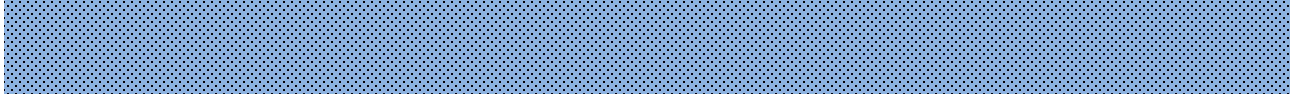
5



NQ [2HLE 629 53D



k



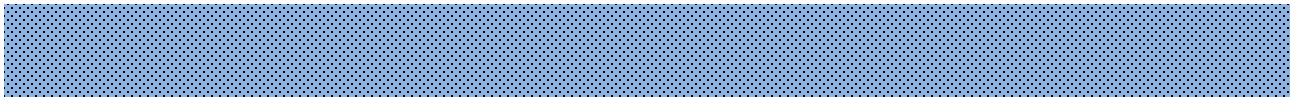
k

†Yd₀xh lq pD†

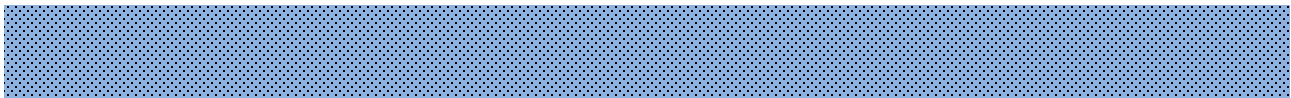
†l₀rdw Yd₀xh lq pD†

†Yd₀xh lq D†

k



k



k

†43 (‡

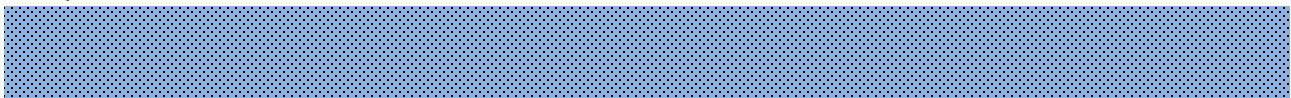
4D

414D 4D . 4D - 43 (

3l<D 4D 0 4D

- 43 (

k



k



NQ [2HLE 629 53D

†Vhgg q r whohjudp†

†Vhgg RQ whohjudp†

†4†

†Vhgg R I I whohjudp†

†3†

k

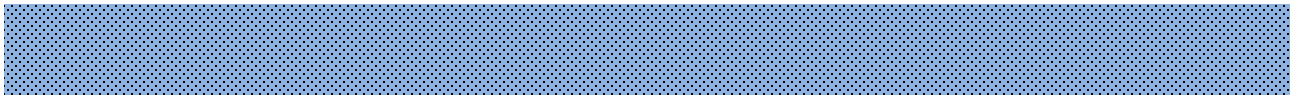
2

k

†Lqdfwlyh†

k †43Plq† 43

k



k

k

†5 e|wh Ydxxh†

5 e|wh †7 e|wh Ydxxh†

7 e|wh k



NQ [2HLE 629 53D





NQ[2HLE 629 53D

k

†3†

†40433†

4

433

ip3

k

†Rehf w ri vze K' dōg NS hūw Cē rxuv frxqwh†

5qllh



NQ [2HLE 629 53D

71;1+6,

/ tIxqfWlrq ri tYrowdjht

71;1<

t[

Yrowdjht

k

Voltage correction [-120..120]	0	0.1V
Send voltage value after changes value	Inactive	
Cyclic send	Inactive	
Monitoring exceedance of voltage	☒	
Threshold for voltage monitoring [850..2650]	2500	*0.1
Hysteresis [10..100]	10	%
Behavior at exceeding	Send no telegram	
Behavior at not exceeding	Send no telegram	
Send exceeding cyclical	Inactive	
Monitoring lower deviation of voltage	☒	
Threshold for voltage monitoring [850..2650]	950	*0.1V
Hysteresis [10..100]	10	%
Behavior at deviating	Send no telegram	
Behavior at not deviating	Send no telegram	
Send falling below cyclical	Inactive	

71;1< [Yrowdjht

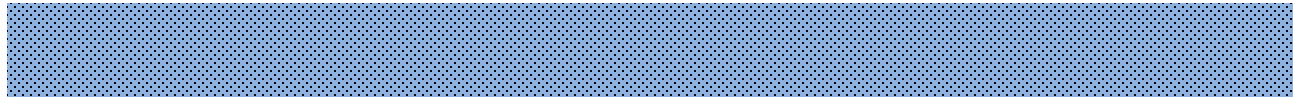
k

k



NQ [2HLE 629 53D

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

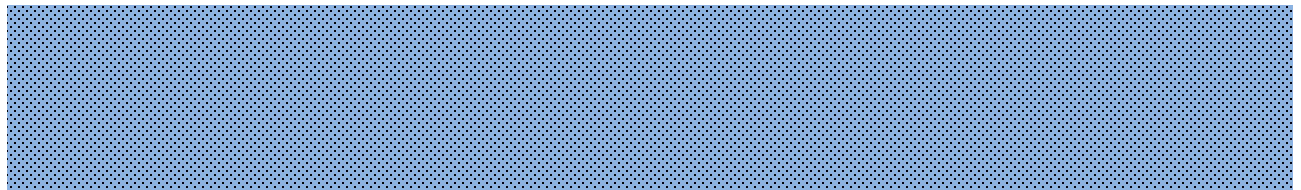


k

†Lqdfwlyh‡

k ‡43Plq‡ 43

k



2

k

2

k

k

2

k

2

k

†Wkuhvkrög iru yrowdjh prqlwrulqj‡

43Y †K|vwuhvlyh‡

43 (



NQ [2HLE 629 53D

43Y

<Y 43Y - 4043 (

k

†Wkuhvkrög iru yrowdjh prqlwrulqj†

8Y

†K|vwuhvllv†

43 (

8Y

8.8Y 8Y - 4.43 (

k

2

2

k

†Vhqg qr whohjudp†

†Vhqg RQ whohjudp†

†4†

†Vhqg R I I whohjudp†

†3†

k

2

k

†Lqdfwlyh†

k †43Plq† 43

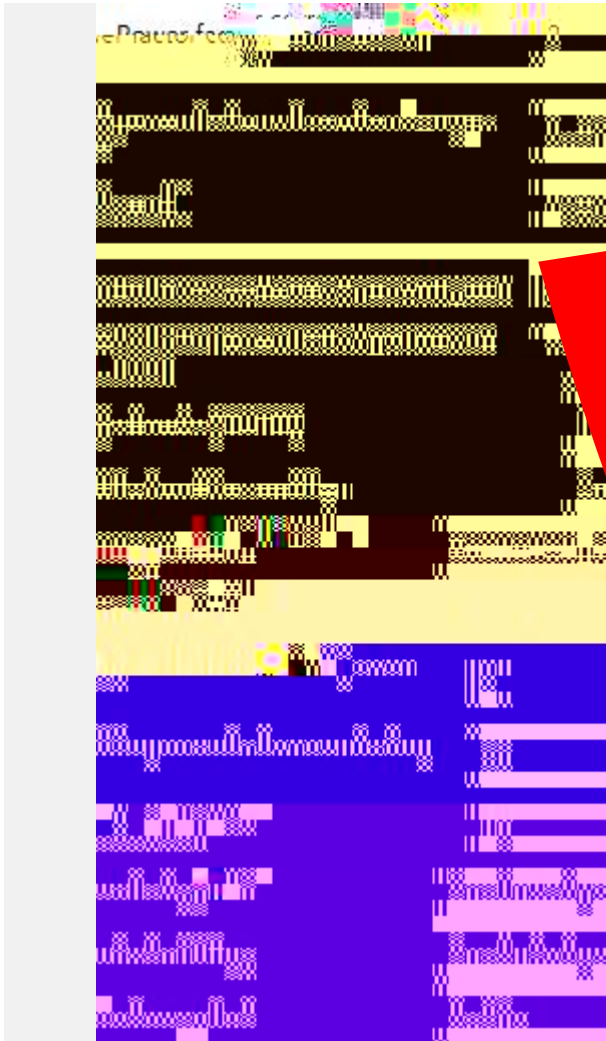
k

71;1+6,

/ †Ix

†[Sr zhu idfwru†

k



71;143 [S





629

†43 (†

4 0 314 - 43 (

d f wlyh†



NQ [2HLE 629 53D

318

71;1+6,

/ †Ixqfwlrq ri †Dfwlyh sr zhu†

71;144

†[†Dfwlyh sr zhu†

k

Active power correction [-1200..1200]
0
*0.1W

Object of active power meter

☒ Value in W(DPT 14.056)
☐ Value in kW(DPT 9.024)

Add the channel to total active power value
☐

Send active power value after changes value
Inactive

Cyclic send
Inactive

Monitoring exceedance of active power

Threshold for active power monitoring [1..5300]
5000

Hysteresis [10..100]
10

Behavior at exceeding
Send no telegram

Behavior at not exceeding
Send no telegram

Send exceeding cyclical
Inactive

Monitoring lower deviation of active power
☐

Threshold for active power monitoring [1..5300]
570

Hysteresis [10..100]
10

deviating

not deviating

below cyclical

Send no telegram

Send no telegram

Inactive

Behavior at exceeding

Behavior at not exceeding

Send fail telegram

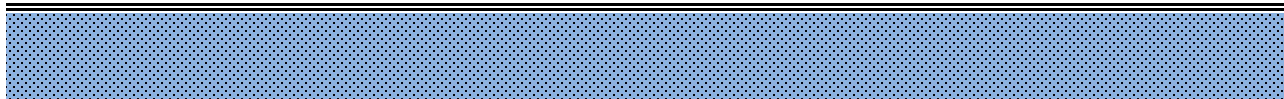
71;144 [†Dfwlyh sr zhu

k

97

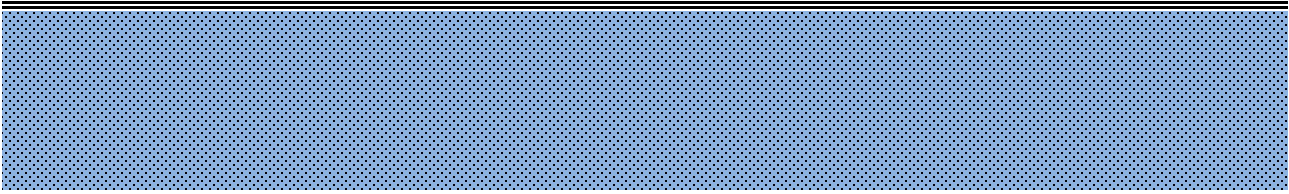


NQ [2HLE 629 53D





NQ [2HLE 629 53D



NQ [2HLE 629 53D



71;1+6,

/ †Ixqfwlrq ri †Dssduhqw sr zhu† †

71;145

†[†Dssduhqw sr zhu†

k

Apparent power correction [-1200..1200]

0

*0.1W

Object of apparent power meter

☒ Value in W(DPT 14.056)
 ☐ Value in kW(DPT 9.024)

Apparent power meter

Inactive

Send

Inactive

Monitoring exceeding of apparent power

☒

Threshold for apparent power monitoring [1..5300]

5000

W

Hysteresis [10..100]

10

%

Behavior at exceeding

Send no telegram

Behavior at not exceeding

Send no telegram

Send exceeding cyclical

Inactive

Monitoring lower deviation of apparent power

☒

Threshold for apparent power monitoring [1..5300]

570

W

Hysteresis [10..100]

10

%

Behavior at deviating

Send no telegram

Behavior at not deviating

Send no telegram

Send falling below cyclical

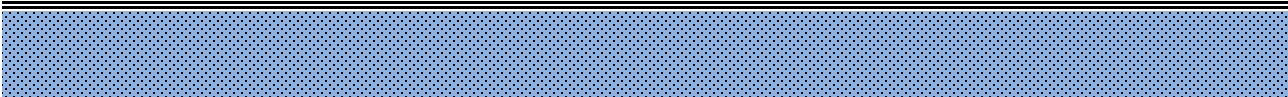
Inactive

71;145 [†Dssduhqw sr zhu

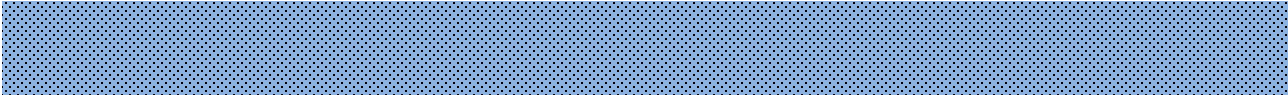
k



NQ [2HLE 629 53D



k



k

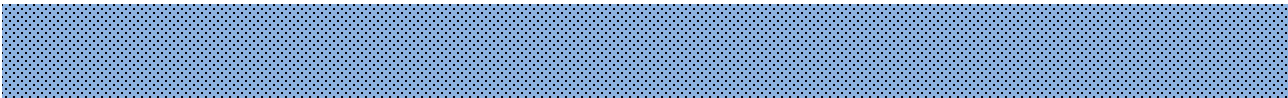
†43 (‡

433 Z

443 Z 433 Z . 433 Z - 43 (

<3 Z 433 Z 0 433 Z - 43 (

k

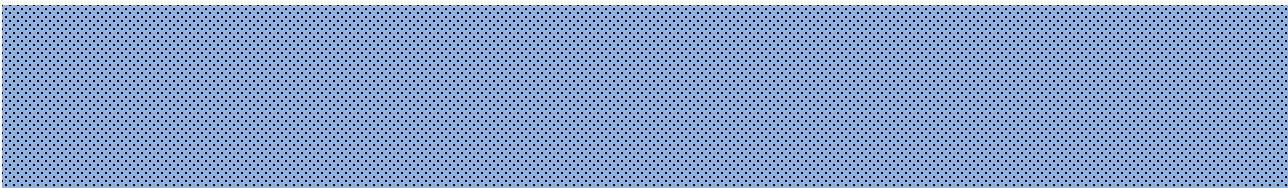


k

†Lqdfwlyh†

k ‡43Plq† 43

k



2

k

9<



NQ [2HLE 629 53D



NQ [2HLE 629 53D

†Lqdfwlyh†

k †43Plq† 43

k

GVS

EHUS

NQ [2HLE 629 53D

71:1+6

†Lxafwlrq ri †Hokwulfdo hqhuj |# ‡

71;146

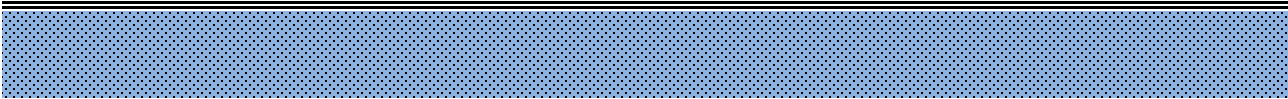
†[

□□□□

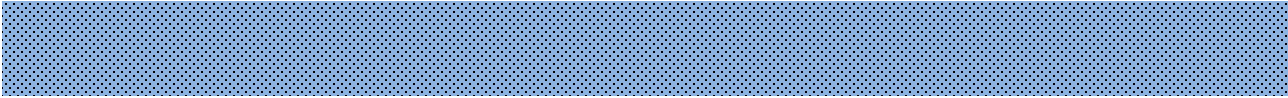
:5



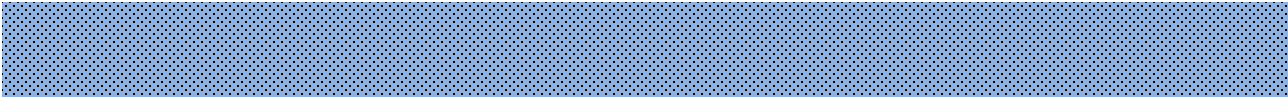
NQ [2HLE 629 53D



k



k



k

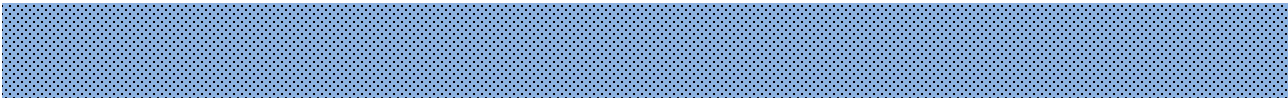
†43 (‡

433 Z k

443 Z k 433 Z k . 433 Z k - 43 (

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

k



k

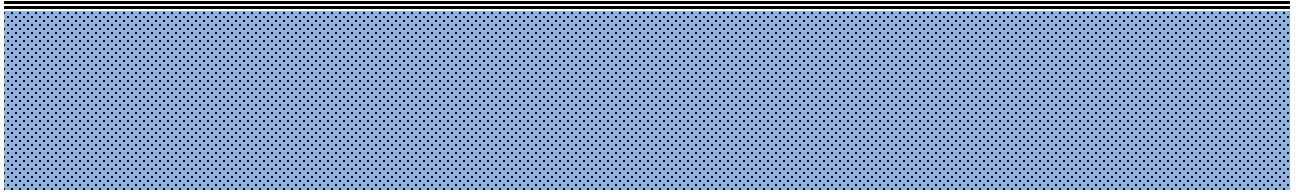
†Lqdfwlyh†

k ‡43Plq† 43

k



NQ [2HLE 629 53D



2 k

2 k

k

2 k

2 k

Wkuhvkrög i ru höhf wulf hqhu j | p r q l w m



NQ [2HLE 629 53D

†Vhqq q r whohjudp ‡

†Vhqq RQ whohjudp ‡

†4 ‡

†Vhqq R I I whohjudp ‡

†3 ‡

k



k

k

Num	Name	Object Function	Description	Group	Address	Length	C	R	V	W

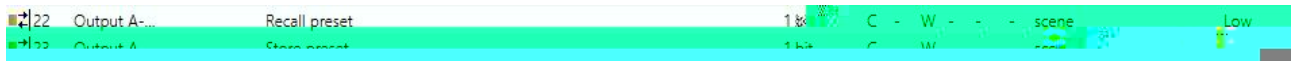
814 ‡ Jhghudot‡

BNR





NQ[2HLE 629 53D



8!5!6

					GSW
†3† †3† †4† †4† k					
†Suhvhw fdq eh fkdqj hg yld exv† k					
†3† †3†					
†4†	†4† k				

8!5!6



8!5!7

					GSW
†Wkh lqsxw 4 ri or jlf lv† k					
†Wkh lqsxw 5 ri or jlf lv† k					

8!5!7

26	Output A-...	Scene	1 byte	C - W - - - scene control	Low
----	--------------	-------	--------	---------------------------	-----

81518

					GSW
<p> ;elw k </p> <p> ;elw k </p> <p> ;elw + , I [QQQQQQ </p> <p> I= †3† †4† </p> <p> [3 </p> <p> QQQQQQ 3%96 k </p> <p> 4¢97 †Vfhqh‡ 3¢96 k 4 </p> <p> †Vfhqh‡ 3 k </p>					

81518 †V z lwfk dfwxdwru†

Pin	Signal	Change	Threshold	Unit	Direction	Mode	Value	State
27	Output A...	Change	1	byte	C	-	W	-
28	Output B...	Change	1	byte	C	-	W	-

81519

					GSW
4 k					
k					

81519

; 3



NQ [2HLE 629 53D

 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

†4el† k

†4†

†3† k



NQ[2HLE 629 53D

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

816 †Wrwdo fXuuhq†

					GSW
k	†Rehf wvhohfwlrq i ru wkh fXuuhq p hdxuh phq†				
	k				†Ehkdy lru dw +qrw, h{fhghlqj† k
	k				†Ehkdy lru dw +qrw, ghyl dw lqj† k

816 †Wrwdo fXuuhq†



NQ[2HLE 629 53D

Nun	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	I	Data	Prio
27	Total active power	Max of total active power(W)			4 bytes	C	R	-	T	-	-	power (W)	Low
28	Total active power	Exceedance of total active power			1 bit	C	R	-	T	-	-	switch	Low
29	Total active power	Lower deviation of total active power			1 bit	C	R	-	T	-	-	switch	Low

8:7 tWrd0 dfwlyh sr zhu†

GSW



NQ [2HLE 629 53D

Nun	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 †l uht xhqf | phdvxuh phqwt

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

8!9 †l uht xhqf | phdvxuh phqwt



NQ [2HLE 629 53D

30	Output A-...	Current value(mA)	2 bytes	C R - T - -	current (mA)	Low
31	Output A-...	Excursion of load	1 bit	C R - T - -	switch	Low
32	Output A-...	Lower deviation of load	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: †[:Fxxuhq†

					GSW
†Reihfw ri fxxuhq p hdxuh phq† k					
k †Ehkdyru dw +qrw, h{fhhlqj†					
k †Ehkdyru dw +qrw, ghyldwlqj†					
k †Frqxwhu ixqfwlrq†					
†Reihfw ri vzlwfkdqg rshudwlrq krxuv frqxwhu† k					
k †Frqxwhu ixqfwlrq†					
†Reihfw ri vzlwfkdqg rshudwlrq krxuv frqxwhu† k					

81: †[:Fxxuhq†



NQ[2HLE 629 53D

35	Output A...	Voltage value(V)	4 bytes	C R - T - -	electric potential differen...	Low
36	Output A...	Exceedance of voltage	1 bit	C R - T - -	switch	Low

81; †[-Yrowdj h†

					GSW
k					
k				†EhkdyIru dW +q rW, h{ fhhglqj †	
k				†EhkdyIru dW +q rW, ghyldWlqj †	

81; †[-Yrowdj h†

38	Output A...	Power factor value	4 bytes	C R - T - -	power factor (cos φ)	Low
39	Output A...	Exceedance of power factor	1 bit	C R - T - -	switch	Low

8!< †[-Sr zhu idfwrut

					GSW
k					
h{ fhhglqj † k				†EhkdyIru dW +q rW,	
ghyldWlqj † k				†EhkdyIru dW +q rW,	

8!< †[-Sr zhu idfwrut



NQ[2HLE 629 53D

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

8143 †[-Dfŵlyh sr z hu†

					GSW
†Reihfw ri dfŵlyh sr z hu phŵhu† k					
					†
k †EhkdyIru dw +qrw,					
h{fhghlqj† k					
		†			
k †EhkdyIru dw +qrw,					
ghyldŵlqj† k					

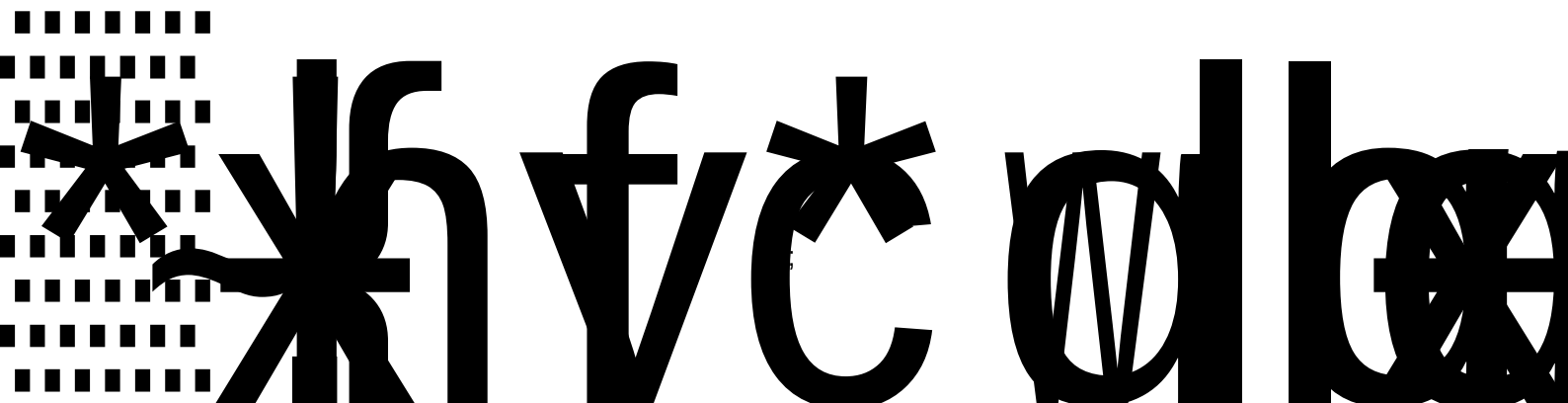
8143 †[-Dfŵlyh sr z hu†

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

8144 †[-Dssduhqŵ sr z hu†

GSW

†Reihfw ri dssduhqŵ sr z hu phŵhu† k





NQ [2HLE 629 53D

7

0A

50A

40A

k

I rufhg rshudwlrq

5 Vdihw| Sulrulw| 5

4 Vdihw| Sulrulw| 4

Vzlwfk

wl p h2suhvhw2or jlf2vfqh2wkuhvkrög

k

k

k