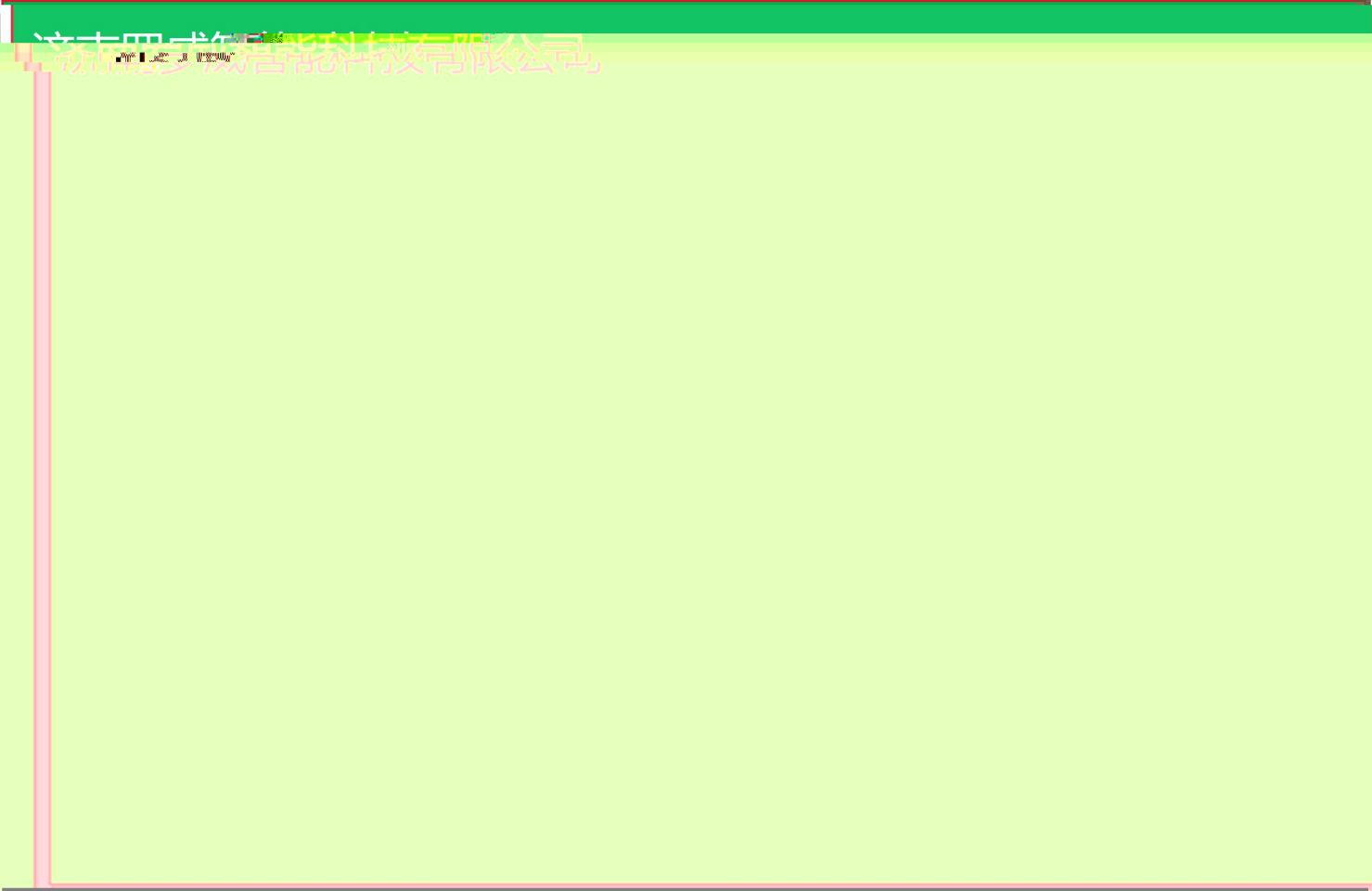




I/O



V 1.00

V1.00	2022.04.16		

IP20

<http://www.rvauto.cn/>

d

RVUC

No.

I/O

Rev. 1.0

Page3/

3.2.6

3.2.7

3.2.8

3.2.9

3.2.10

3.3 RVES-308xA(8

3.3.1

3.3.2

3.3.3

3.3.4 LED

3.3.5

3.3.6

3.3.7

3.3.8

bo 55

IP20
10

10

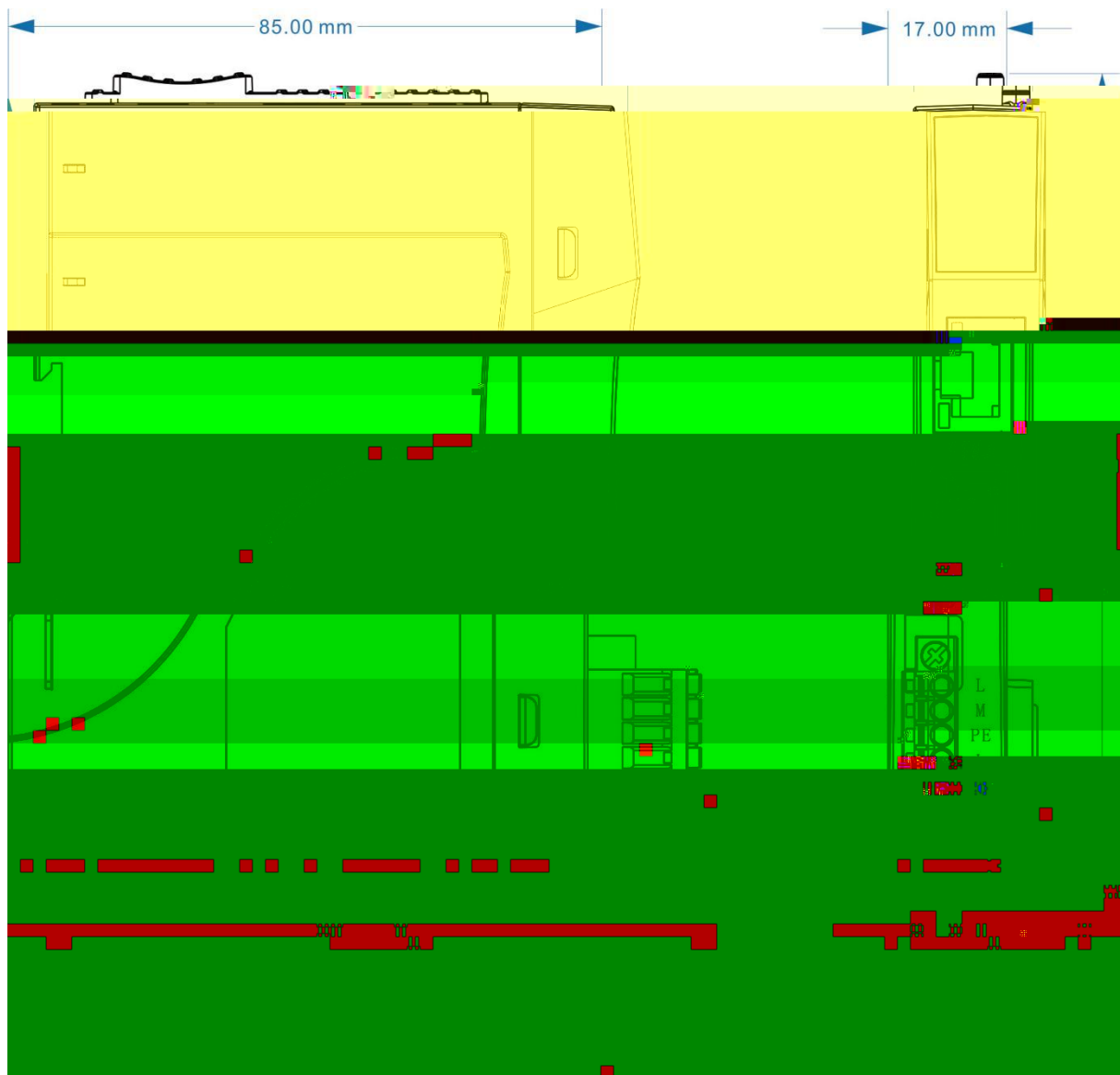
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0

10

1.1

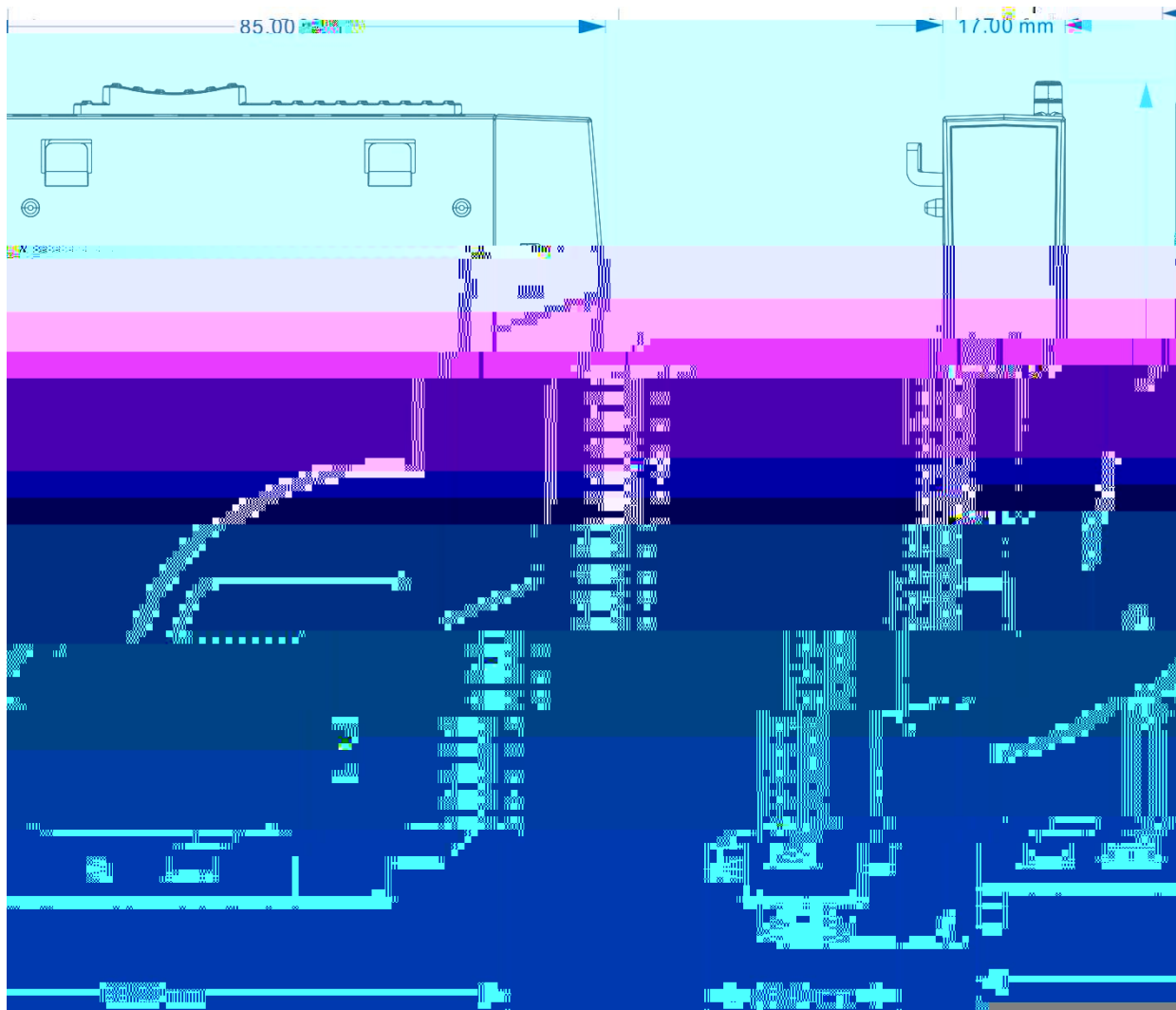
1.1.1 RVUC



RVUC

120 * 17 * 99.22mm

1.1.2 RVES



RVES

120 * 17 * 99.22mm

2.1 RVUC-PNB

2.1.1

RVUC-PNB Profinet		Profinet IO Device		RT	
RT	1ms	1440	1440		IO
32		J			
		RVUC-PNB			
		2*RJ45			
		2*20Pin			
		5Pin			
		24V DC (-15%~20%)			
		150mA			
		PROFINET RT			
	Max	100Mb/s			
Max		32			
I/O	Max	Input(bit)			
		1440			
		Output(bit)			
		1440			
		24V DC			
		2A			
/		2*RJ45/5			
		DN35			
		-40~85			

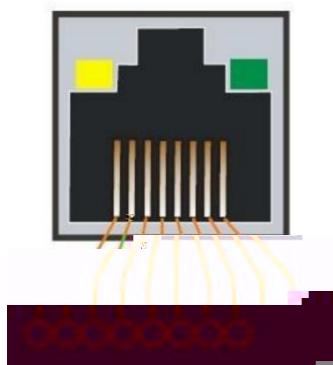
0

2.1.2



0

2.1.7



2.2.2

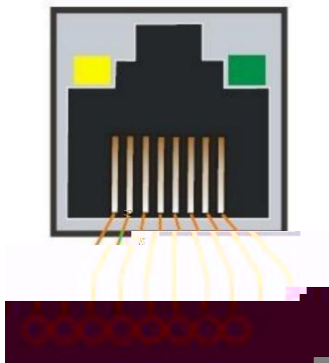


PORT1
PORT2

MAC

PORT1 PORT2 EtherNET/IP 10M/100M

2.2.7



3

3.1 RVES-1160D(16

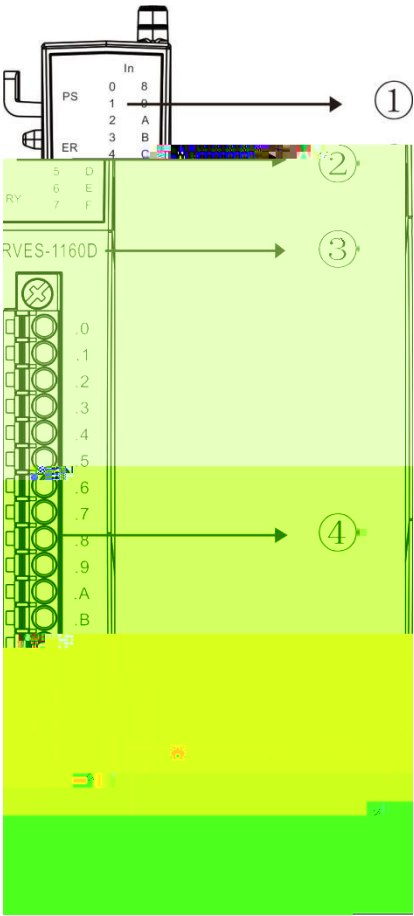
3.1.1

16	NPN	PNP	DC24V
	(	)	
2	3		
16	LED		

3.1.2

	RVES1160D
	100MA
	2*20Pin
I/O	Max.1.5mm ² (AWG 16)
	DN35
	-40~85
	5%-95%
	IP20
	16CH
	2 Bytes
	24 V DC (-15 %/+20 %), (IEC61131-2, type 2)
“ 0 “	-3...+5 V (IEC61131-2, type 2)
“ 1 “	15...30 V (IEC61131-2, type2)
	Typ. 10mA/Ch (IEC61131-2, type 2)
Ton	Type. 18uS / Max. 35uS
Toff	Type. 135uS / Max. 250uS
	/ 500V DC

3.1.3



3.1.4 LED

LED

2

3.1.5

PS(	ER	RY(	

1

3.1.6

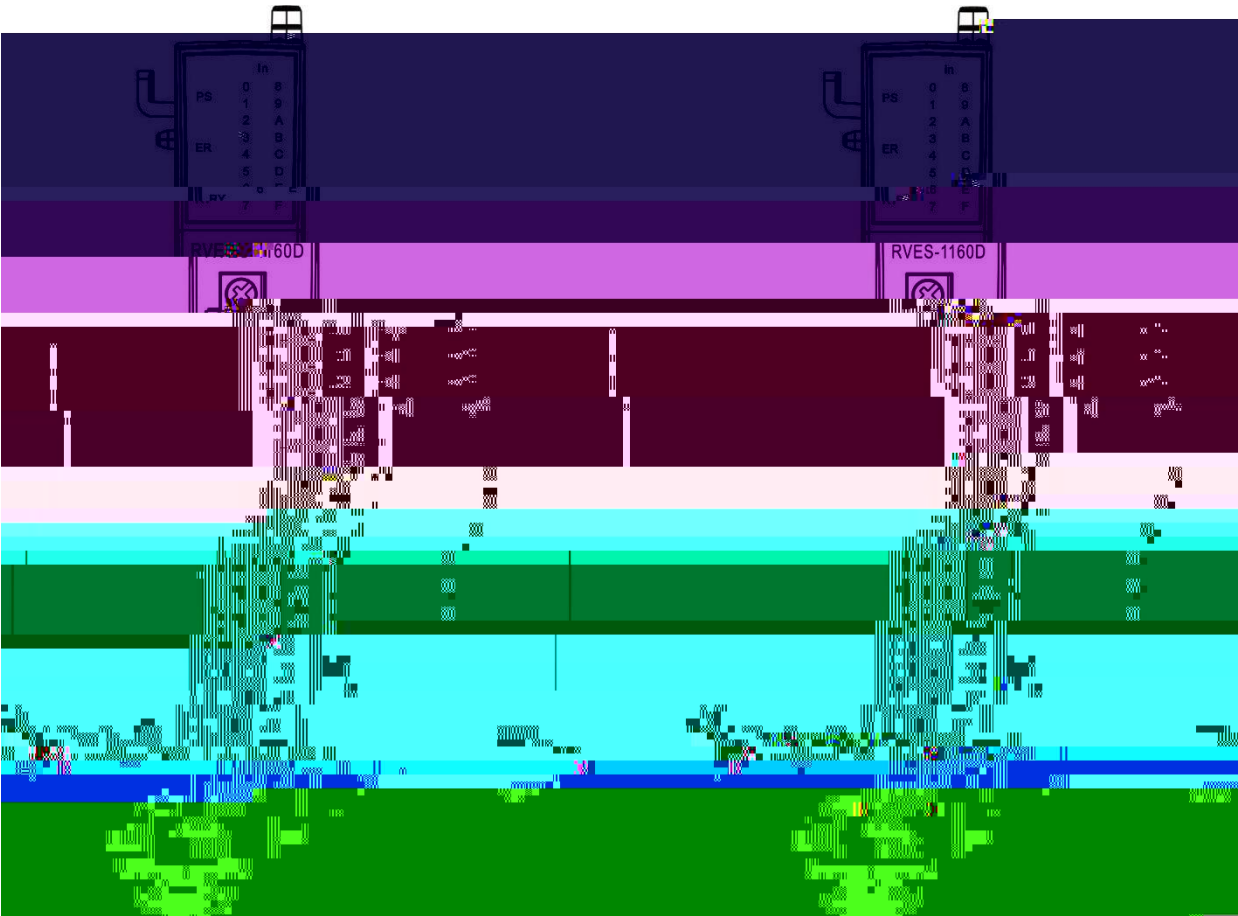
“ 0 ”

LED

“ 1 ”

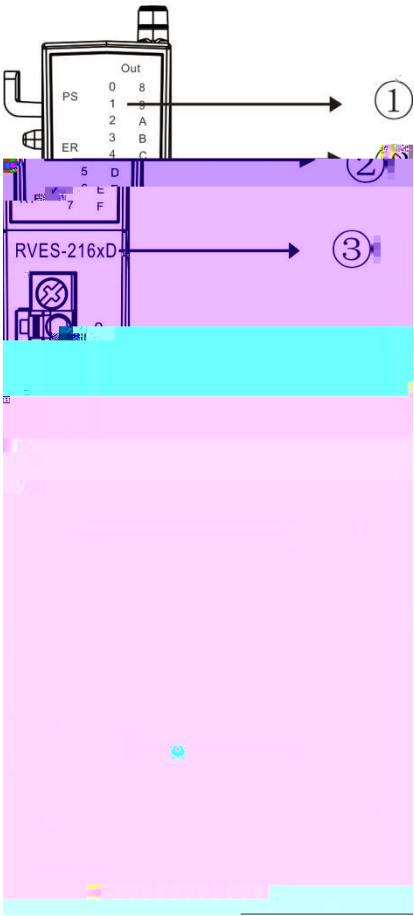
3.1.7

3.1.8



3.2 RVES-216xD(16) 2

3.2.3



3.2.4 LED

LED

2

3.2.5

PS(	ER	RY(	

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3.2.6

“ 0 ”

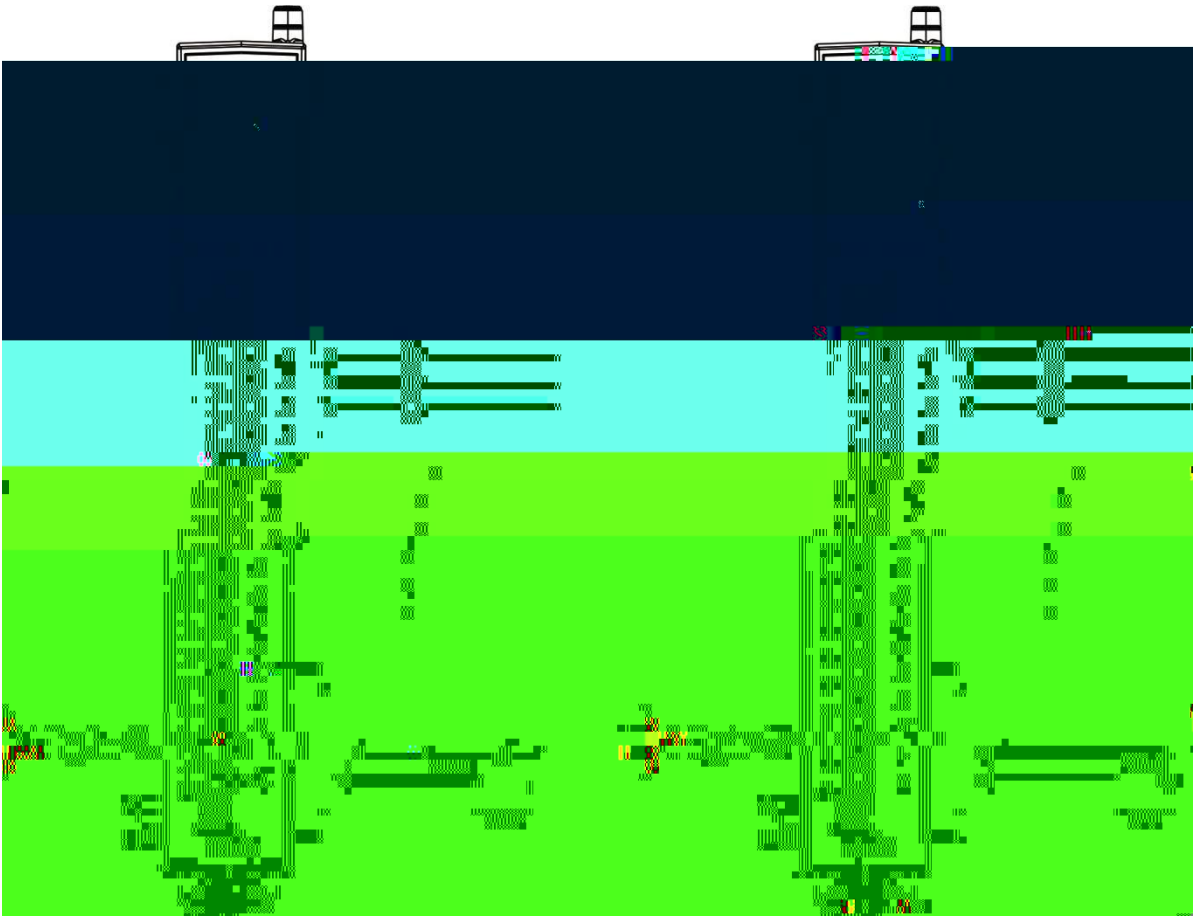
LED

“ 1 ”

3.2.7

1		.0	
2		.1	
3		.2	
4		.3	
5		.4	
6		.5	
7		.6	
8		.7	
9		.8	
10		.9	
11		.A	
12		.B	
13		.C	
14		.D	
15		.E	
16		.F	
17		L	24V+
18		M	24V-

3.2.8



3.2.9

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	.7	.6	.5	.4	.3	.2	.1	.0
BYTE 1	.F	.E	.D	.C	.B	.A	.9	.8

DQ 0-F" 1 " " 0 " .

RVUC	No.	I/O	Rev
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3.3 RVES-308xA(8

3.3.1

8	RVES-3081A	RVES-3082A
RVES-3081A	4-20mA	RVES-3082A
2	(	) 4
		0-10V

TVS

3.3.2

	RVES3081A	RVES3082A
	100MA	
	2*20Pin	
	I/O	Max.1.5mm ² (AWG 16)
	DN35	
	-40~85	
	5%-95%	
	IP20	
	8CH	
	16 Bytes	8 words
	15	
	4-20mA	0-10V
	≤ 125Ω	≥ 10MΩ
	± 0.3%	

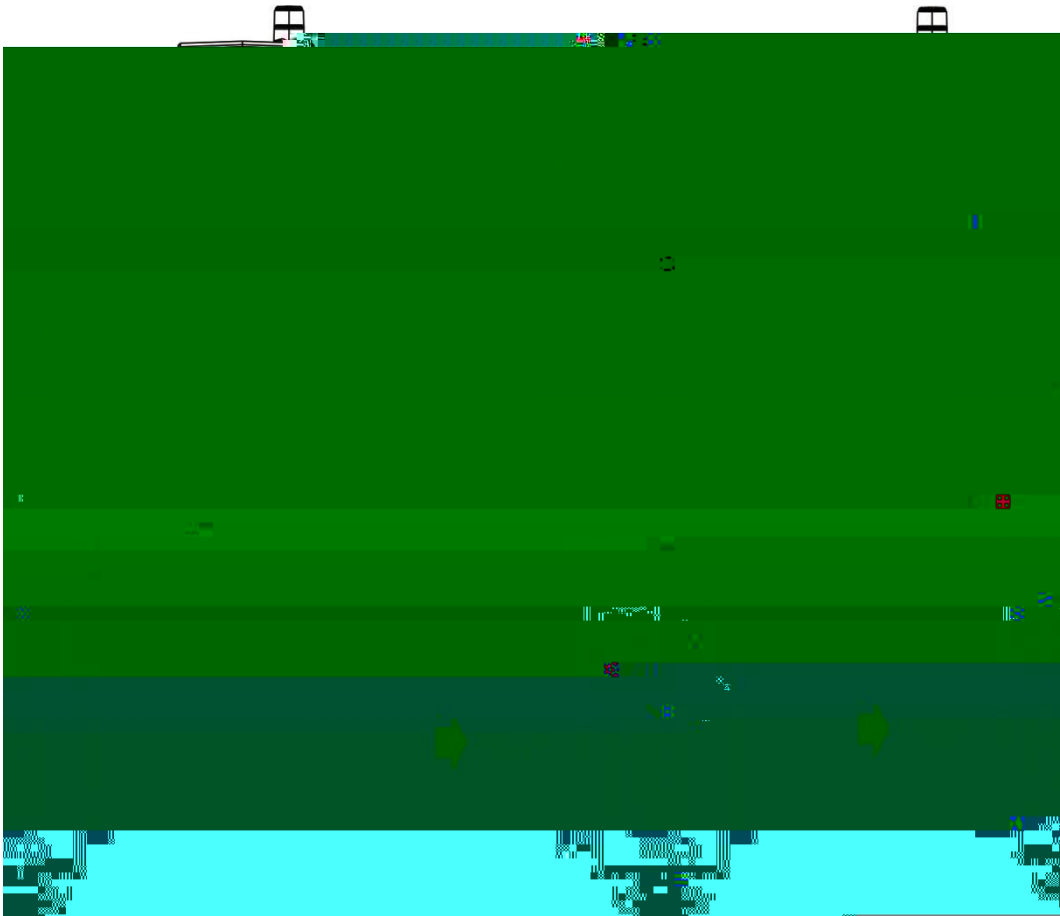
33338 Õ

ER

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1

3.3.7



3.3.8

Analog Input Data (CH0-7)

3.3.9

BIT No	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
BYTE 0	Measuring_Range For CH1							
BYTE 1	Offset For CH1							
BYTE 2								
BYTE 3	Gain For CH1							
BYTE 4								
BYTE 5	Notch_Filter For CH1							
BYTE 6	AverageNum For CH1							
BYTE 7	Full_value For CH1							
BYTE 8								
BYTE 9	Zero_valueFor CH1							
BYTE 10								
BYTE 11	Measuring_Range For CH2							
BYTE 12	Offset For CH2							

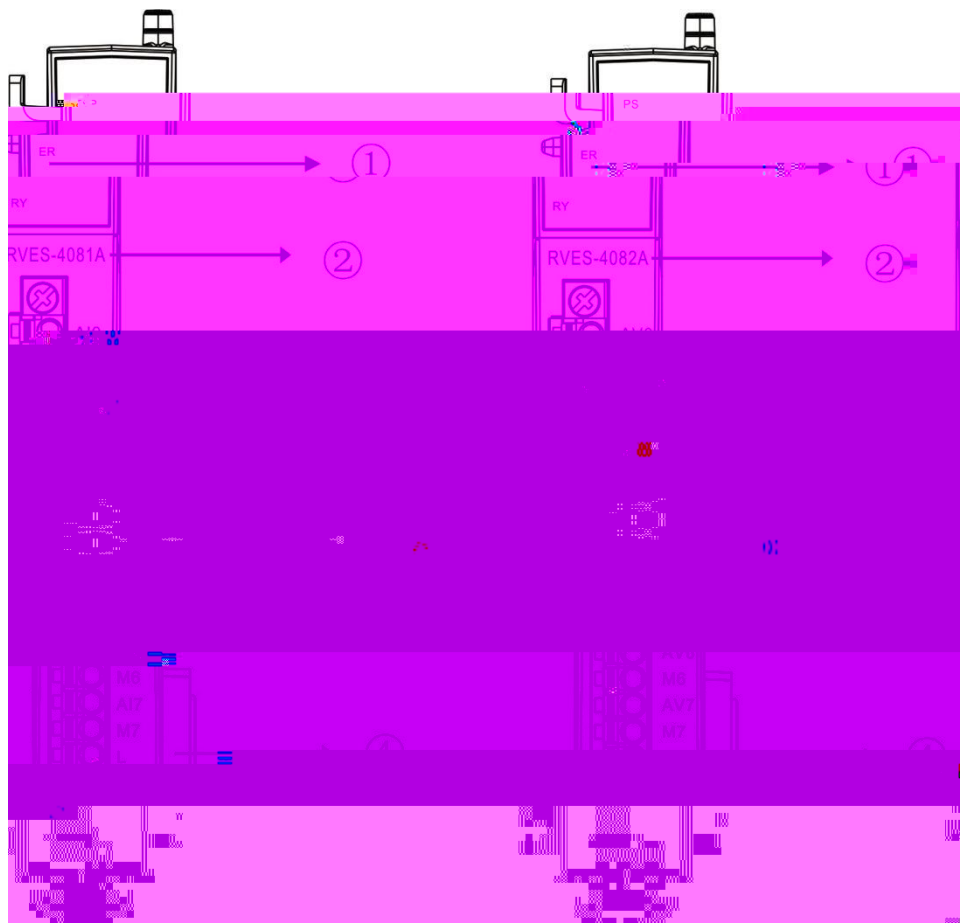
BYTE 13	
BYTE 14	Gain For CH2
BYTE 15	
BYTE 16	Notch_Filter For CH2
BYTE 17	AverageNum For CH2
BYTE 18	Full_value For CH2
BYTE 19	
BYTE 20	Zero_valueFor CH2
BYTE 21	
.....	

3-7
0

1	Measuring_Ra nge For CH1	-		4-20mA	Disable
1	Offset For CH1	-		-32768..327 67 0	Vi=Vr*Gain/1000+Offset Vi Vr
1	Gain For CH1	-		0. .65336 1000	
1	Notch_Filter For CH1	-		50Hz 60Hz	50Hz 60Hz
1	AverageNum For CH1	-		× 0 × 4 × 8 × 16 × 32	
1	Full_value For CH1	-		-32768..327 67 32767	
1	Zero_valueFo r CH1	-		-32768..327 67 0	

3.4.2

3.4.3



3.4.4 LED

LED	1
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3.4.5

PS(	ER	RY(	

1

3.4.6

ES

3-7 0

1	Error_Mode (Param: CH1_Error_Mo de) For CH1	-		0..2	0 0 1 2
1	Replace value For CH1	-		-32768..327 67	-32768..32767 0
1	Full value For CH1	-		-32768..327 67	-32768..32767 32767
1	Zero value For CH1	-		-32768..327 67	-32768..32767 0

4

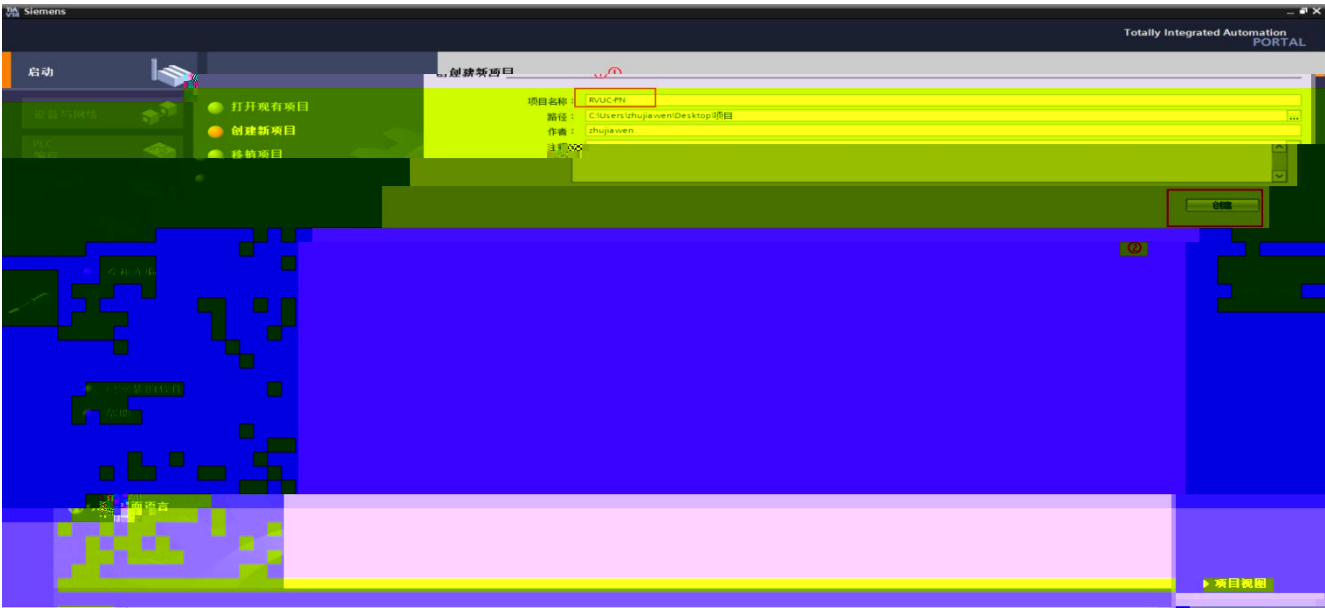
4.1 RVUC-PNxS7-1200TIA V14

4.1.1

RVUC-PNxS7-1214C DC/DC/DCPC

TIA V14

“RVUC-PN”



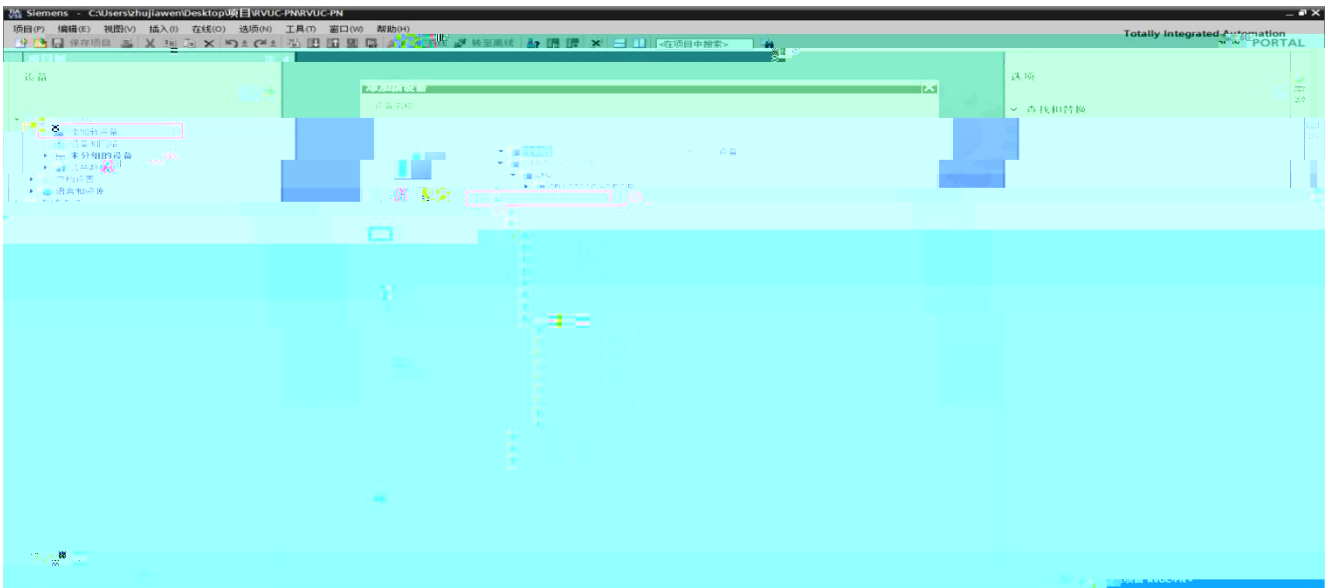
4.1.2PLC

RVUC-PN

“

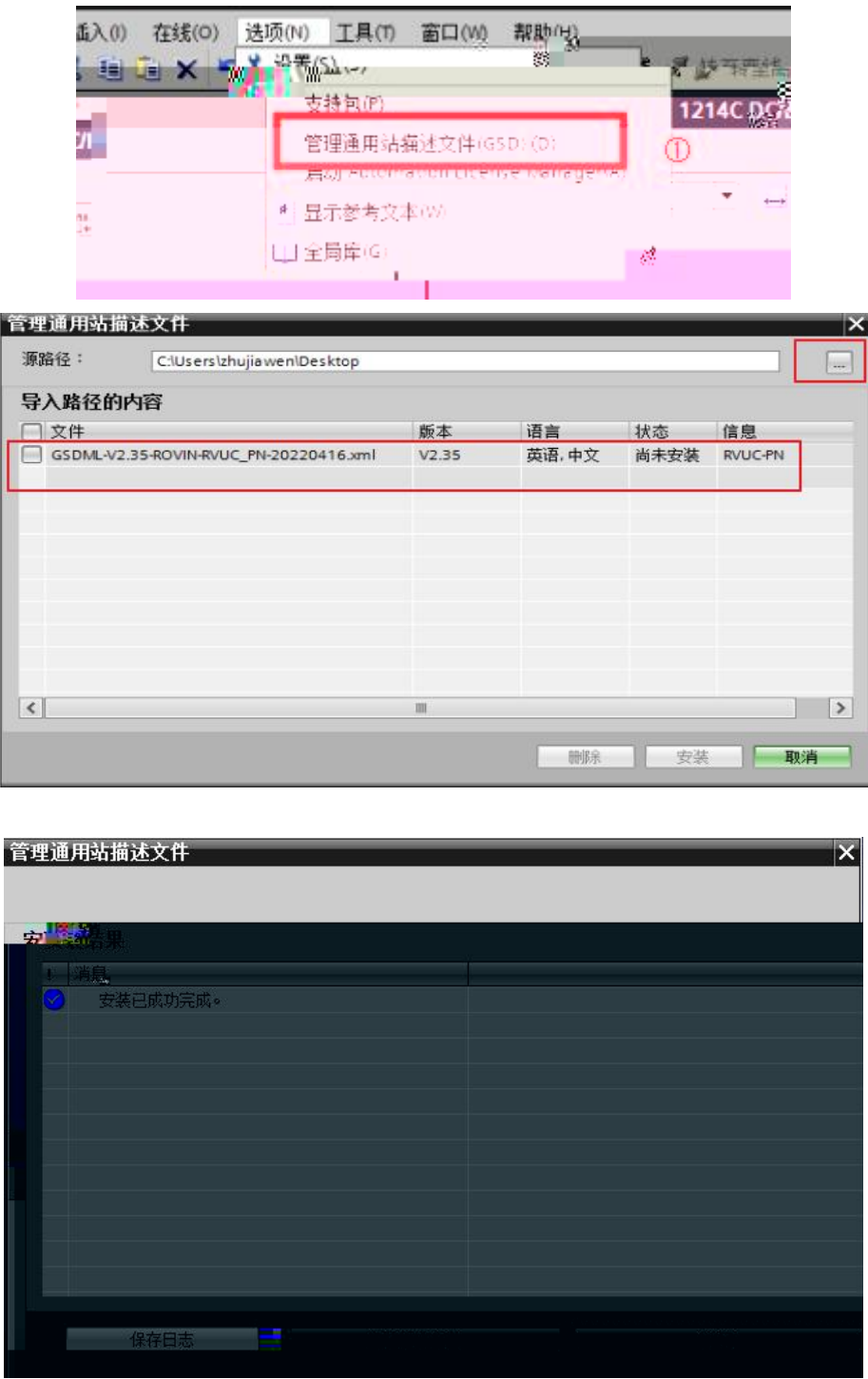
”

PLC S7-1214C DC/DC/DC,

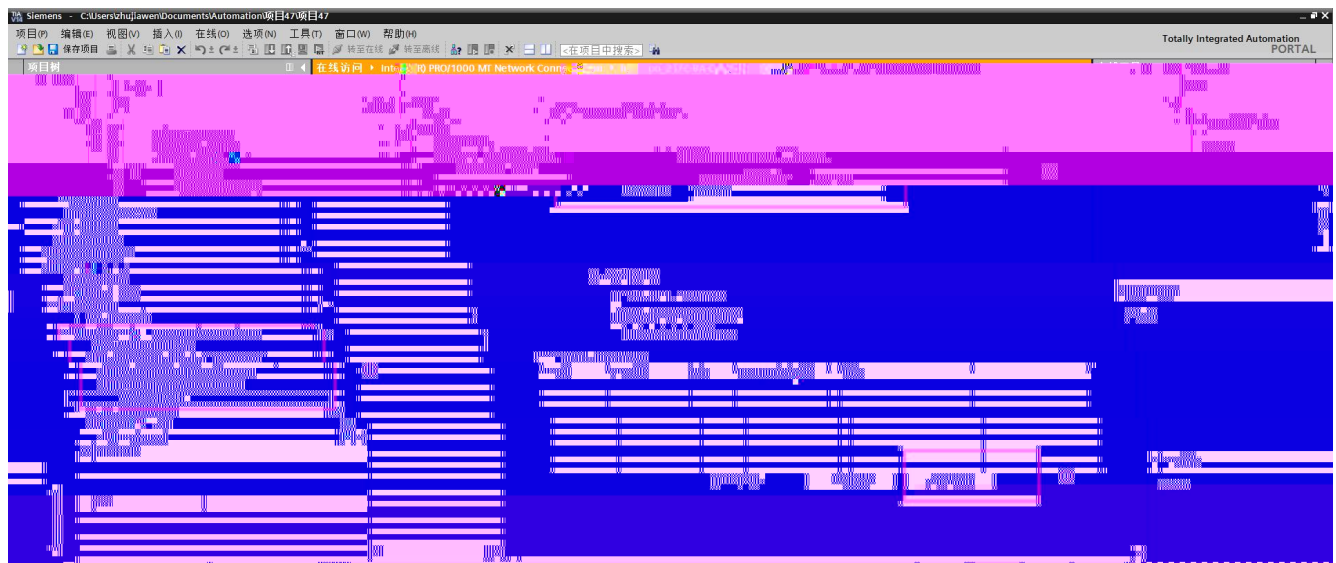


4.1.3 GSD

“ ” “ ” GSD ” , RVUC-PNx GSD GSD



4.1.6



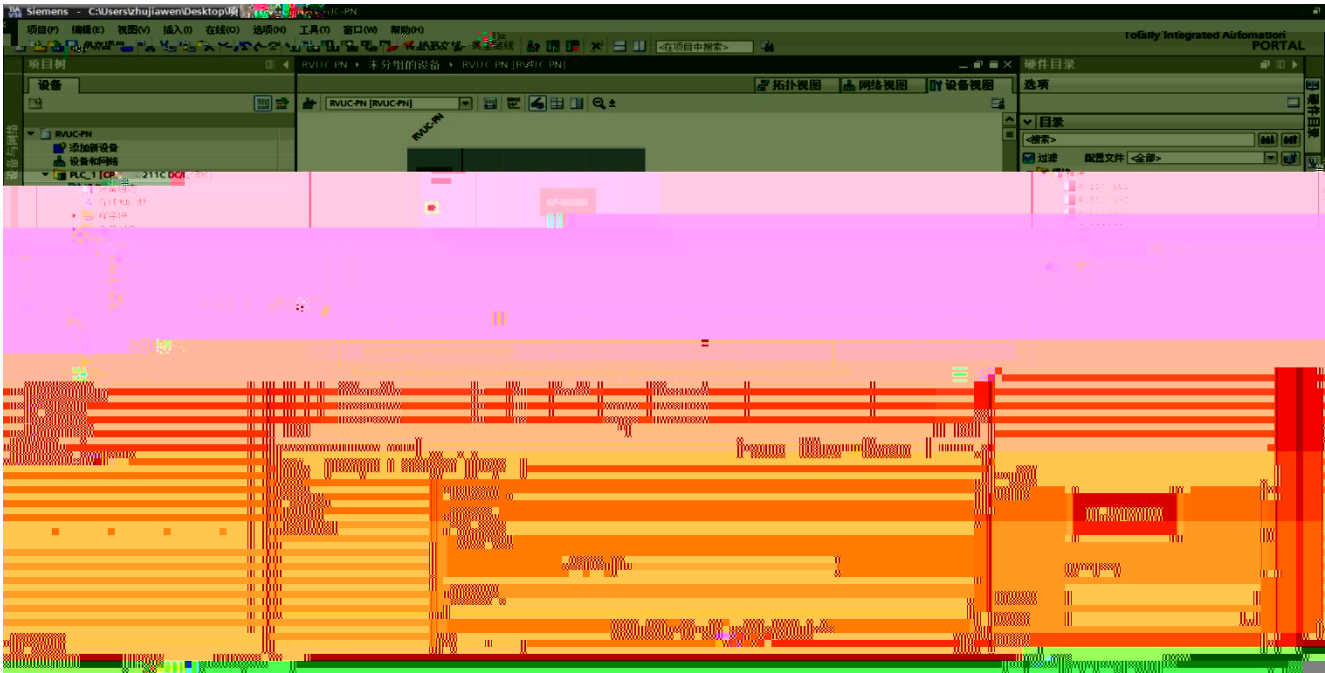
4.1.7

IO	RVES1160D	RVES216XD	RVES3081A
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RVES3082A



4.1.8



4.1.9

“

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