济南罗锐智能科技有限公司

I/O

版本号	V 1.00

V1.00	2022.04.16		

IP20

http://www.rvauto.cn/

IP20

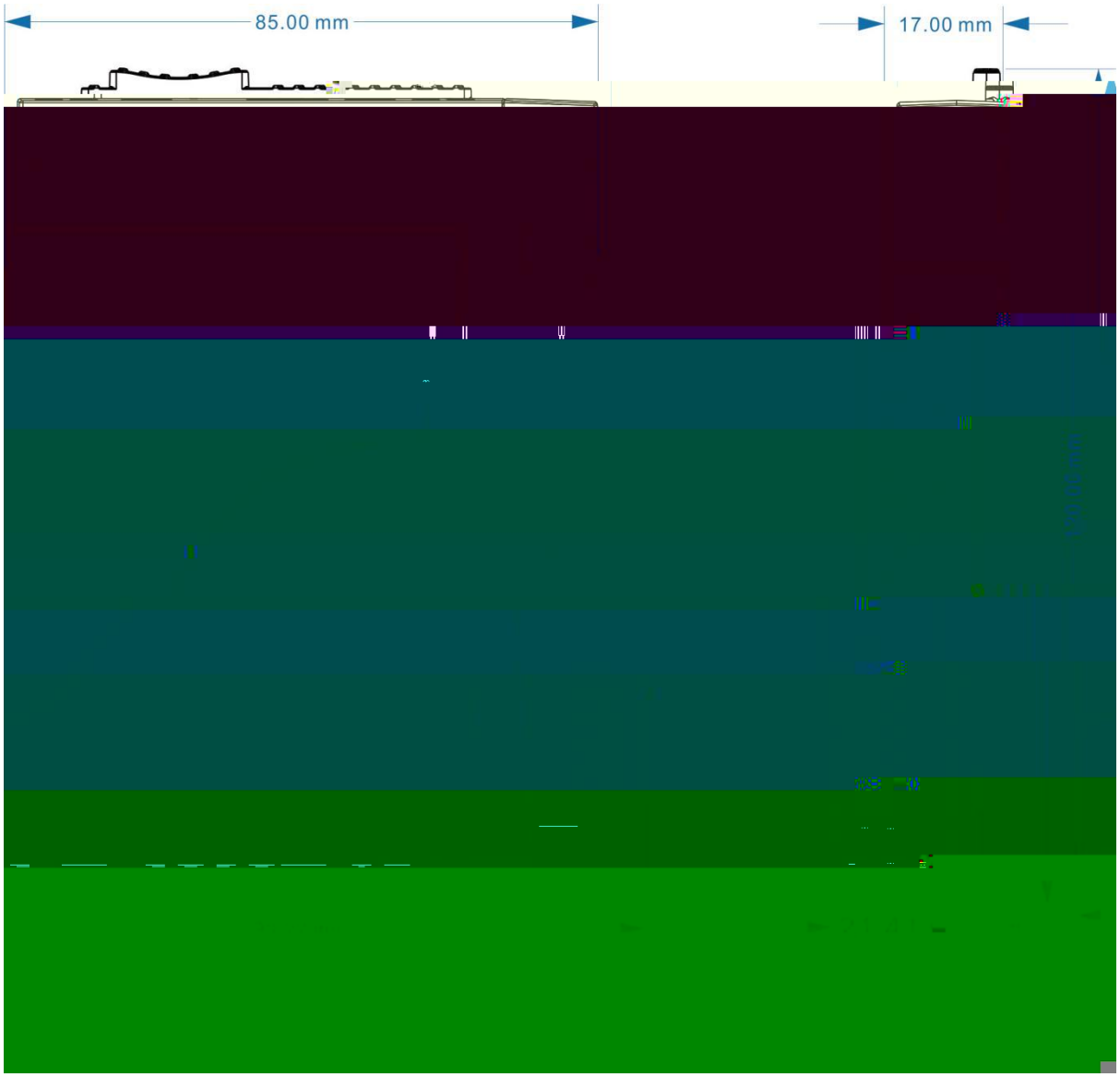
I0 I0

I0

I0 0

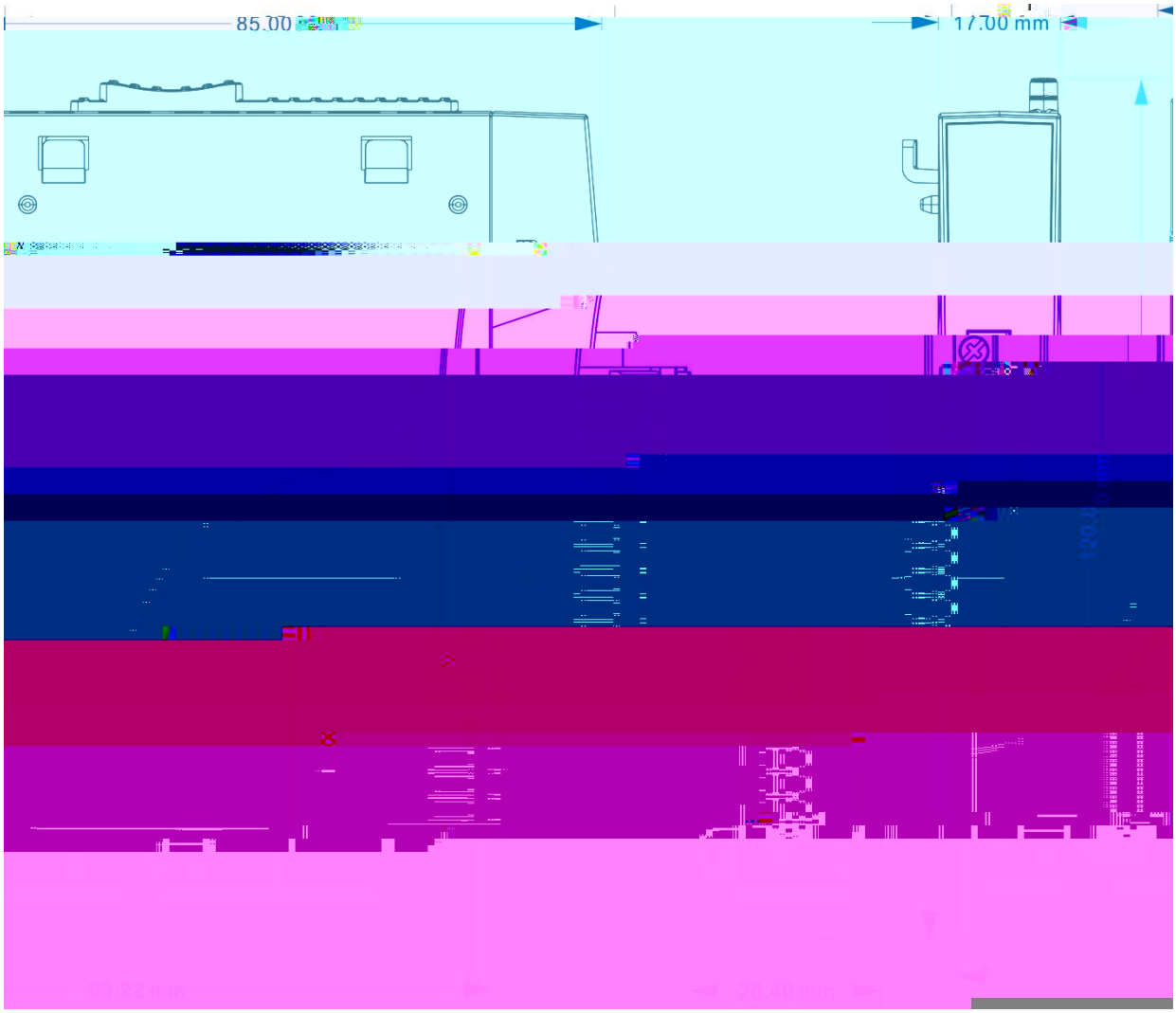
1.1

1.1.1 RVUC



RVUC 120 * 17 * 99.22mm

1.1.2 RVES



RVES 120 * 17 * 99.22mm

2.1 RVUC-PNB

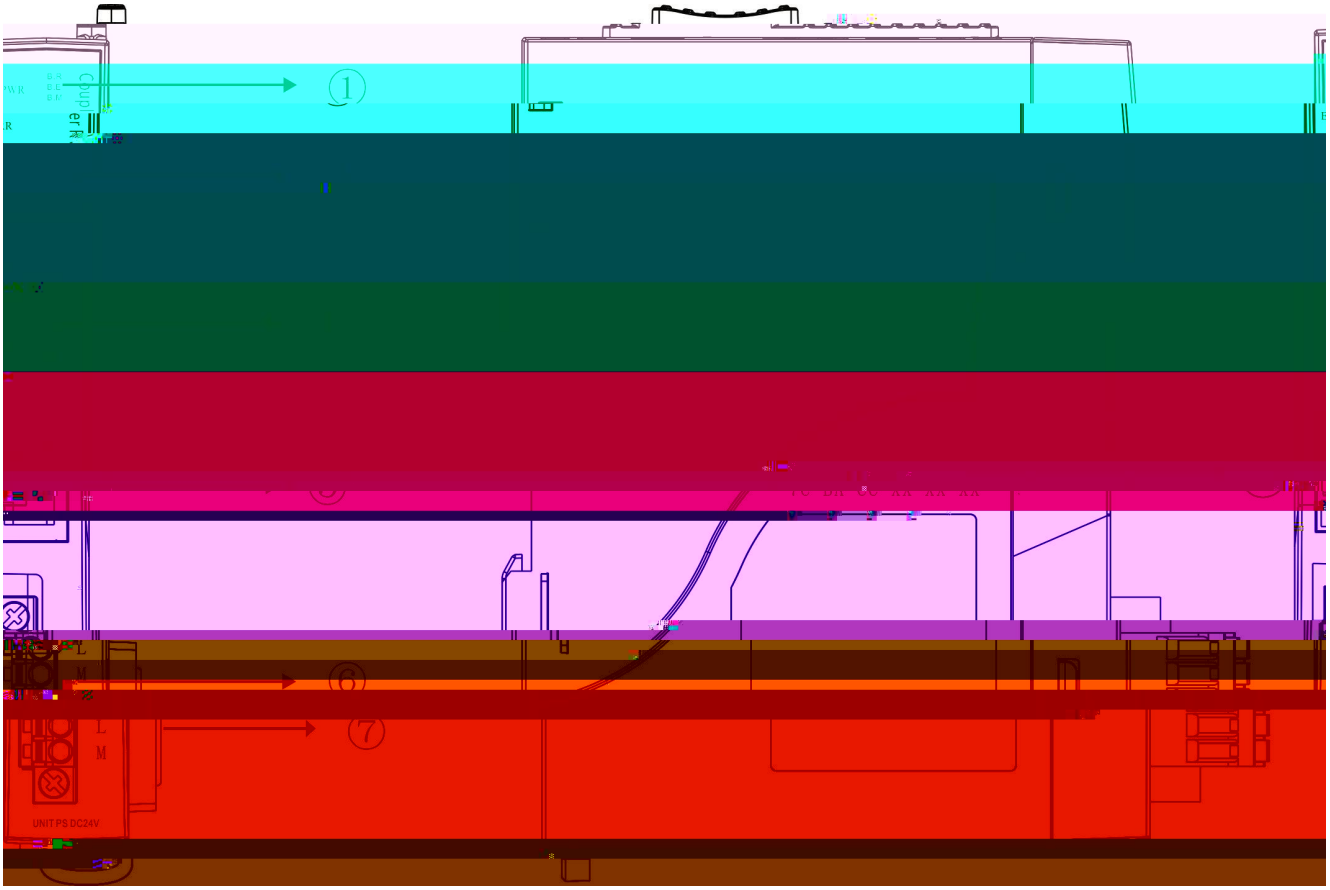
2.1.1

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



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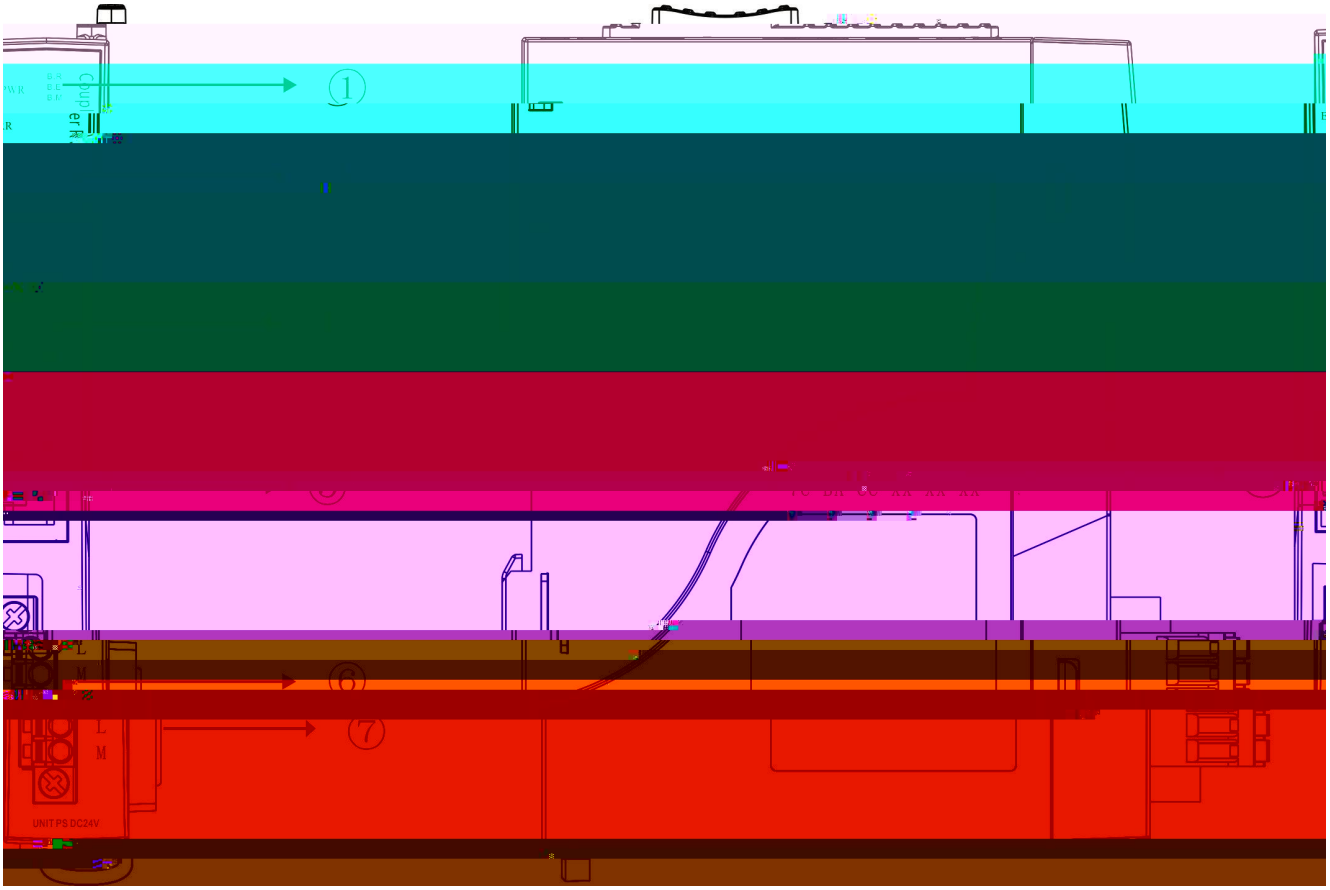
RVUC No.

2.2.2



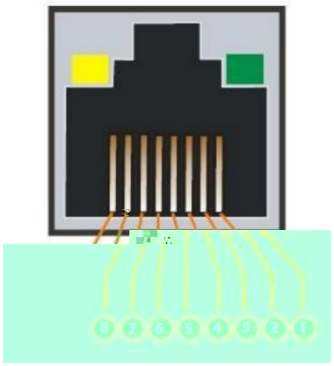
PORT1

PORT2

MAC

PORT1 PORT2 EtherNET/IP 10M/100M

2.2.7



3

3.1 RVES-1160D(16

3.1.1

16 NPN PNP DC24V

( )

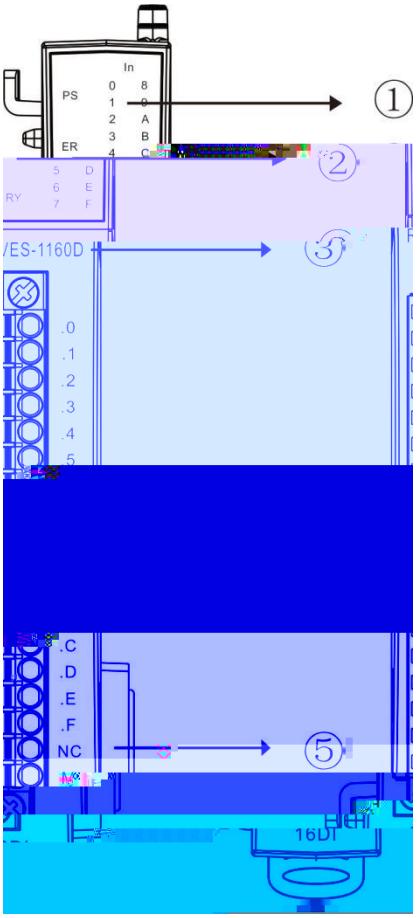
2 3

16 LED

3.1.2

	RVES1160D
	100MA
	2*20Pin
	I/O Max.1.5mm²(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(	

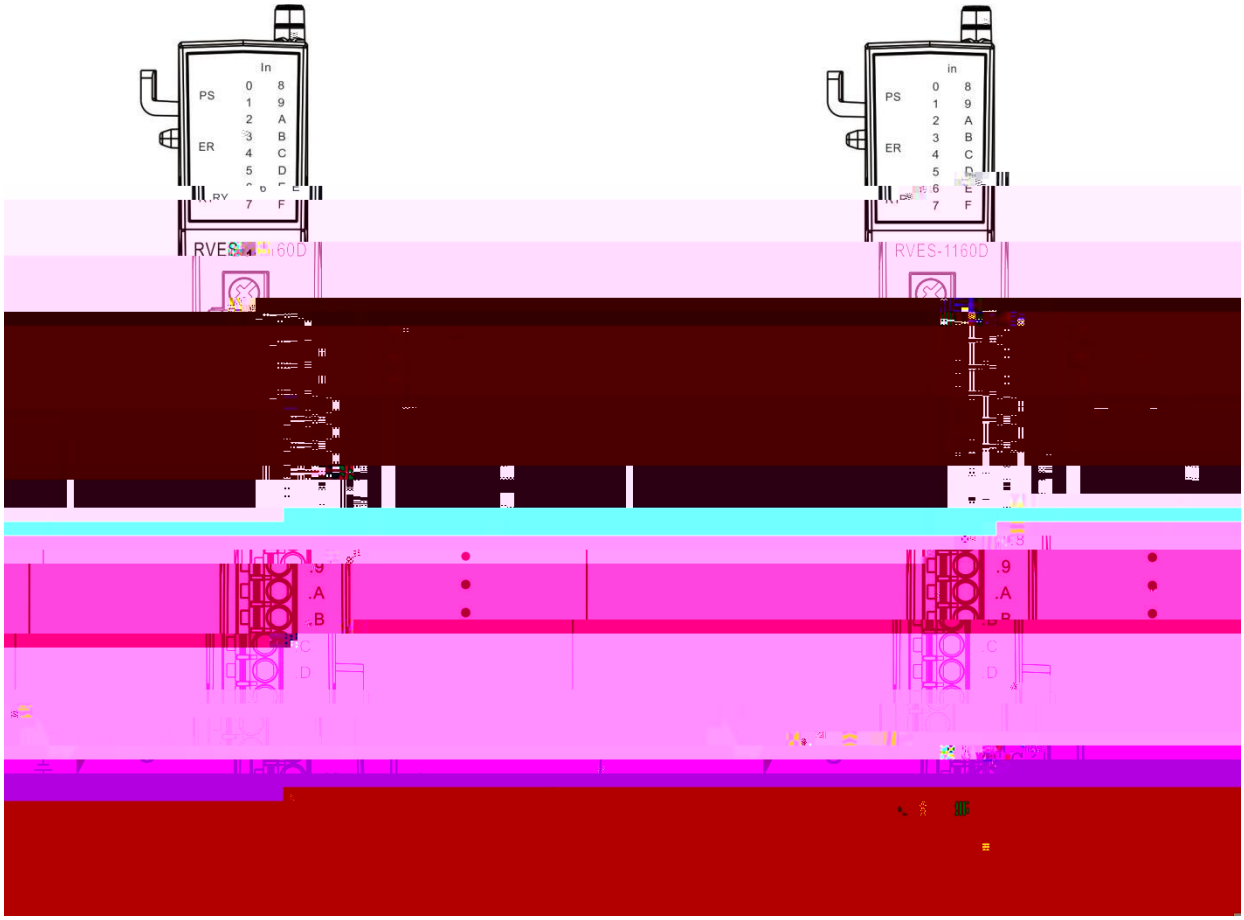
1

3.1.6

LED “ 1 ”
“ 0 ”

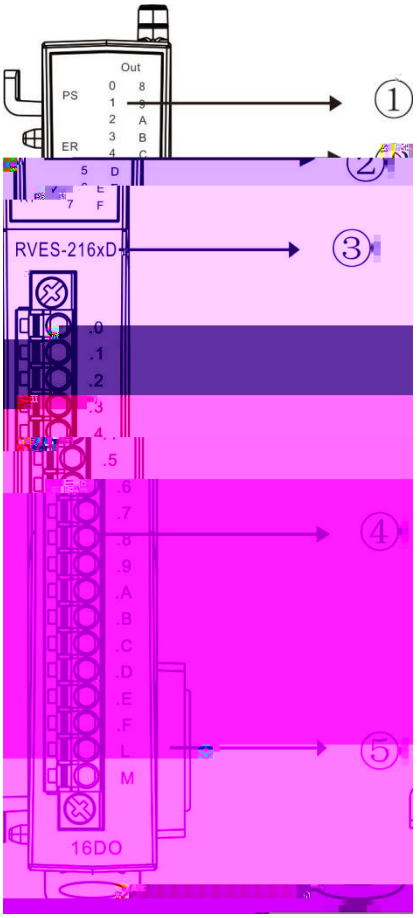
3.1.7

3.1.8



3.2 RVES-216xD(16 2

3.2.3



3.2.4 LED

LED 2

3.2.5

PS(	ER	RY(	

1

3.2.6

LED “ 1 ”

“ 0 ”

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

3.3 RVES-308xA(8

3.3.1

8 RVES-3081A RVES-3082A

RVES-3081A 4-20mA RVES-3082A 0-10V

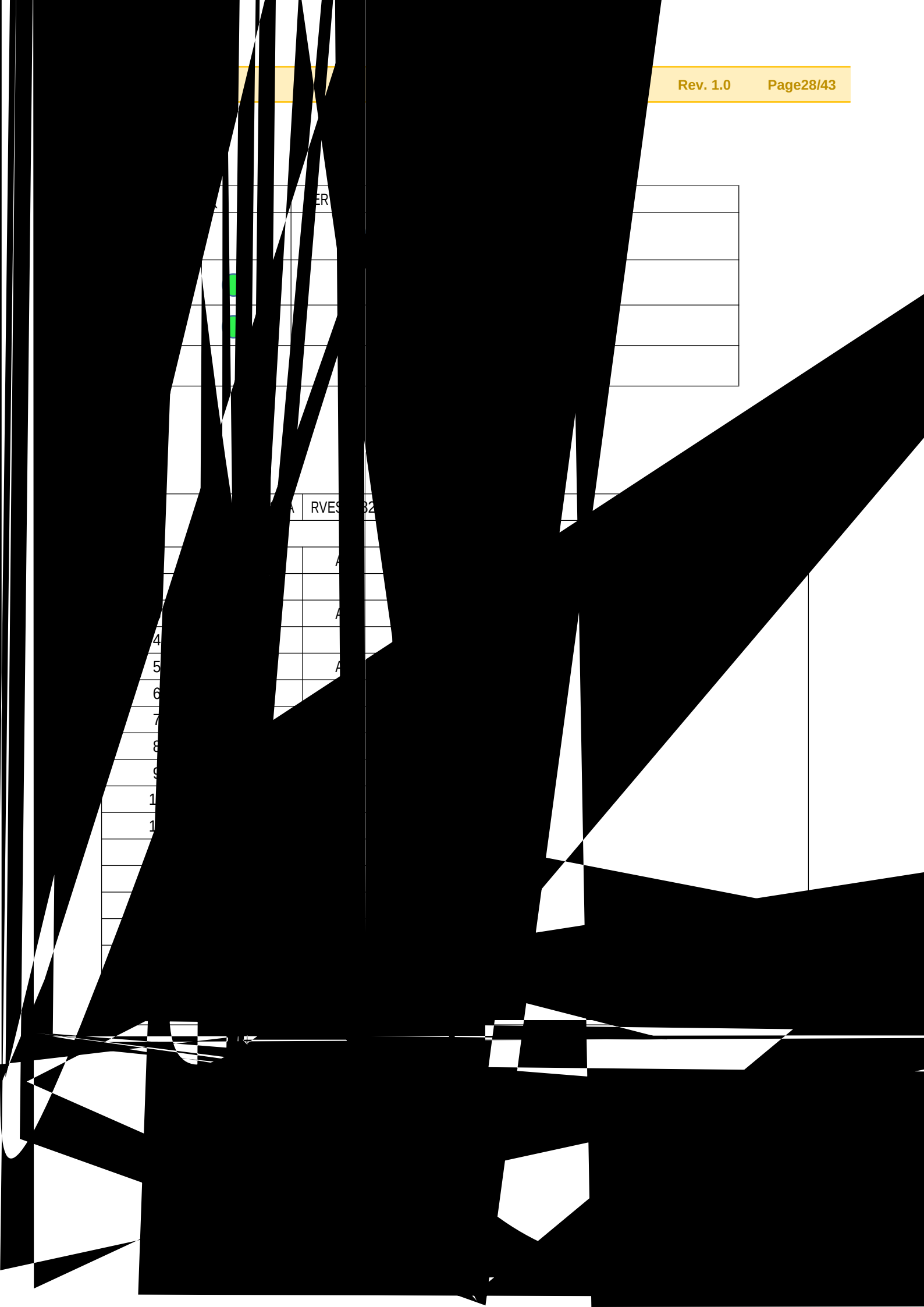
2 (,) 4

TVS

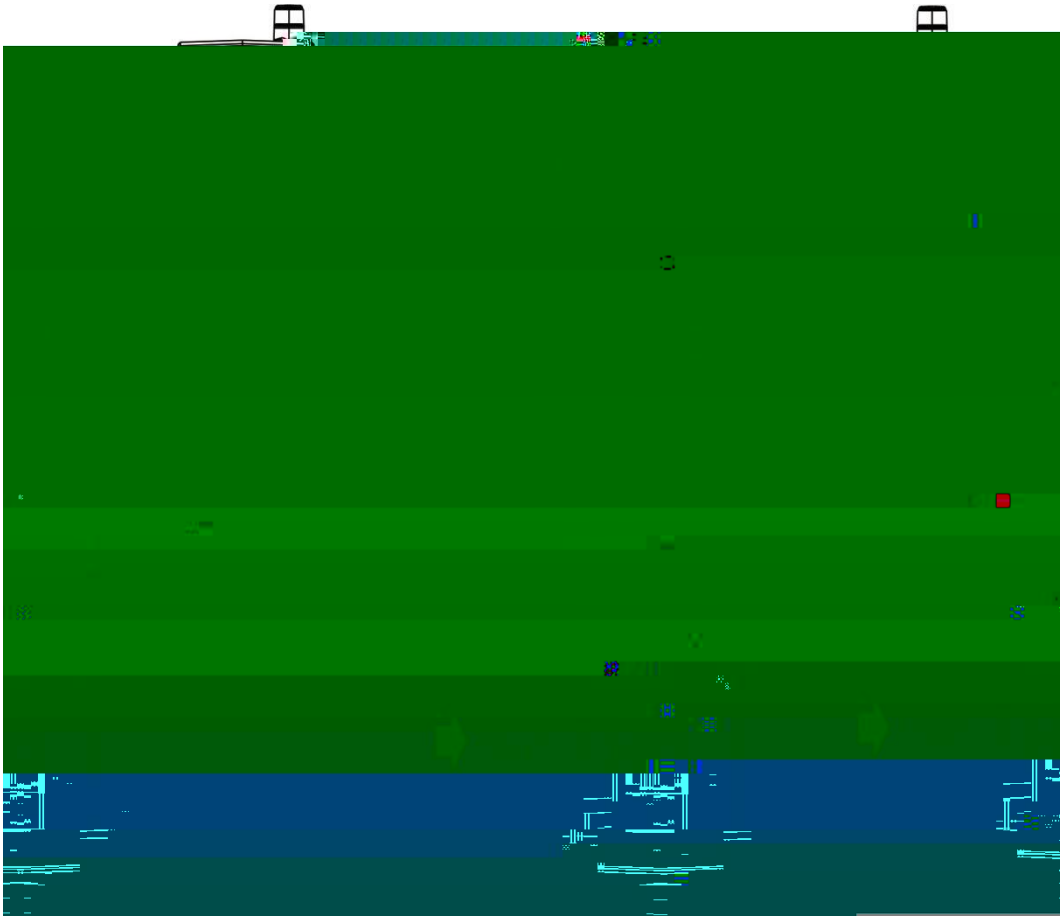
3.3.2

	RVES3081A RVES3082A 100MA 2*20Pin I/O Max.1.5mm²(AWG 16) DN35
	-40~85 5%-95% IP20
	8CH 16 Bytes 8 words 15 4-20mA 0-10V ≤125Ω ≥10MΩ ±0.3%

3.3.3



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_Range For CH1	-		4-20mA	Disable
1	Offset For CH1	-		-32768..32767 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..32767 32767	
1	Zero_valueFor CH1	-		-32768..32767 0	

3.4 RVES-408xA(8

3.4.1

8 RVES-4081A RVES-4082A

RVES-4081A 4-20mA RVES-4082A 0-10V

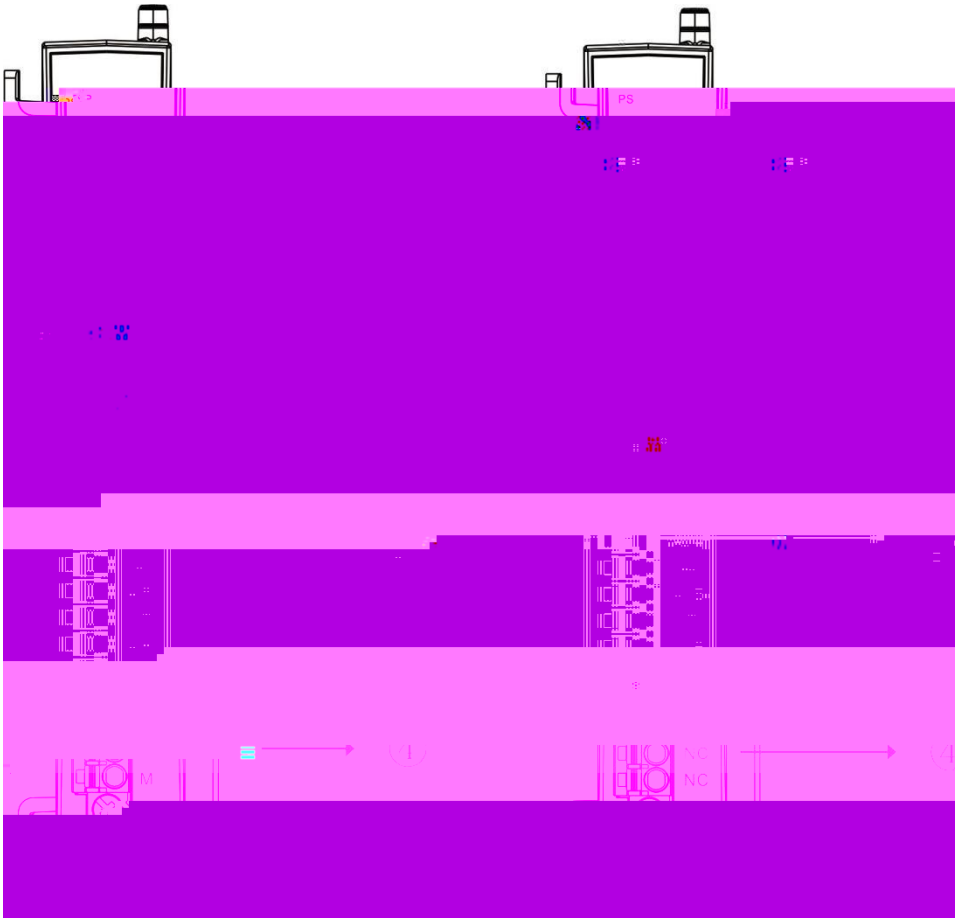
2

TVS

3.4.2

	RVES4081A	RVES4082A
	100MA	
	2*20Pin	
	I/O Max.1.5mm²(AWG 16)	
	DN35	
	-40~85	
	5%-95%	
	IP20	
	8CH	
	16 Bytes 8 words	
	16	
	4-20mA	0-10V
	1MS	

3.4.3



3.4.4 LED

LED 1

3.4.5

PS(	ER	RY(	

1

3.4.6

ES

3-7 0

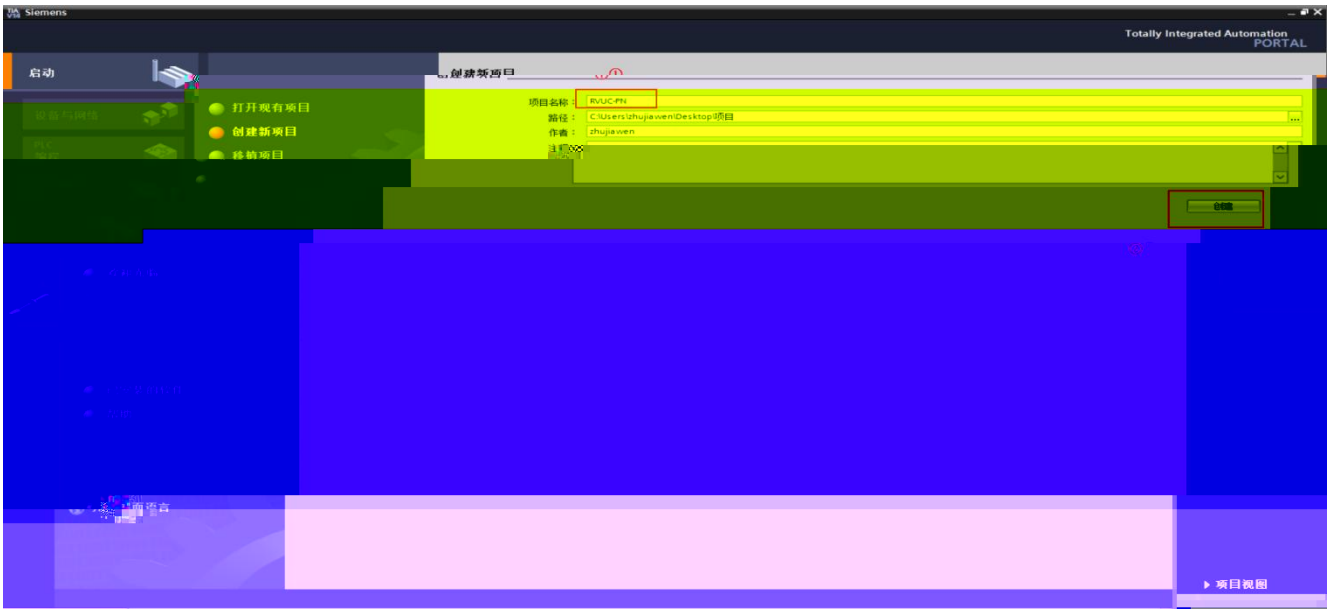
1	Error_Mode (Param: CH1_Error_Mode) For CH1	-		0..2	0 0 1 2
1	Replace value For CH1	-		-32768..32767	-32768..32767 0
1	Full value For CH1	-		-32768..32767	-32768..32767 32767
1	Zero value For CH1	-		-32768..32767	-32768..32767 0

4

4.1 RVUC-PNx S7-1200 TIA V14

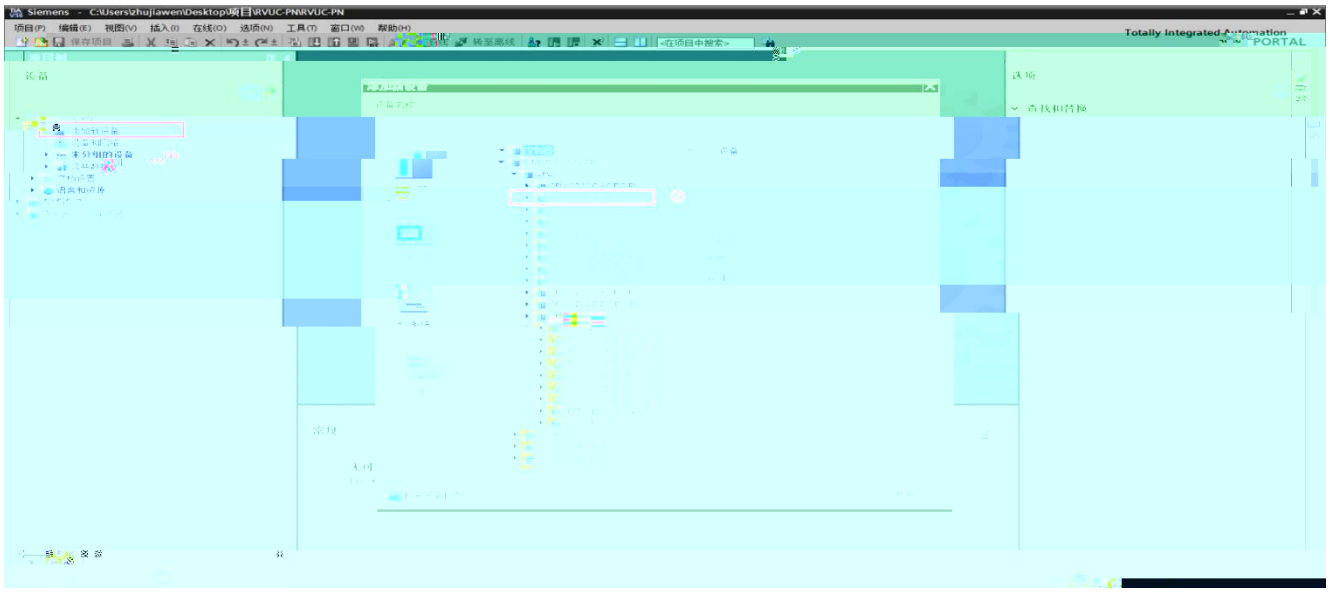
4.1.1

RVUC-PNx S7-1214C DC/DC/DC PC TIA V14 “ RVUC-PN ”



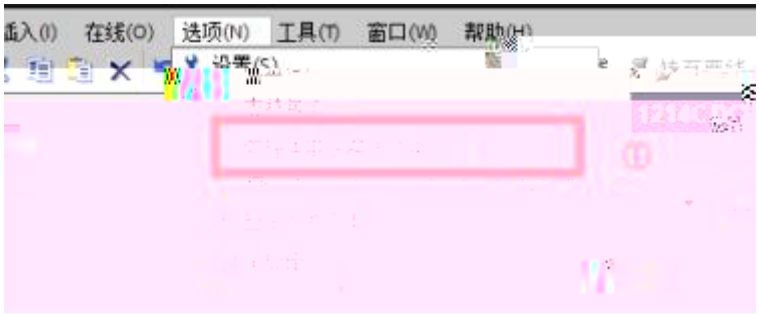
4.1.2 PLC

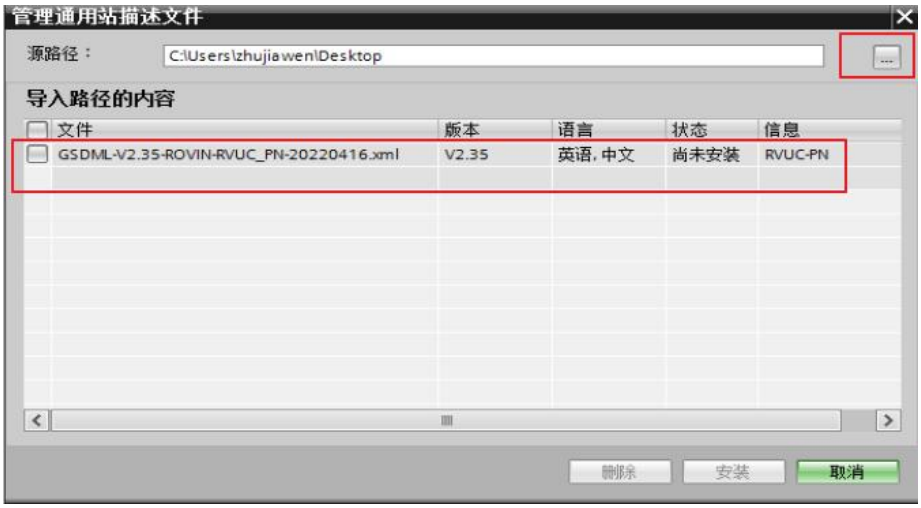
RVUC-PN “ ” PLC S7-1214C DC/DC/DC,

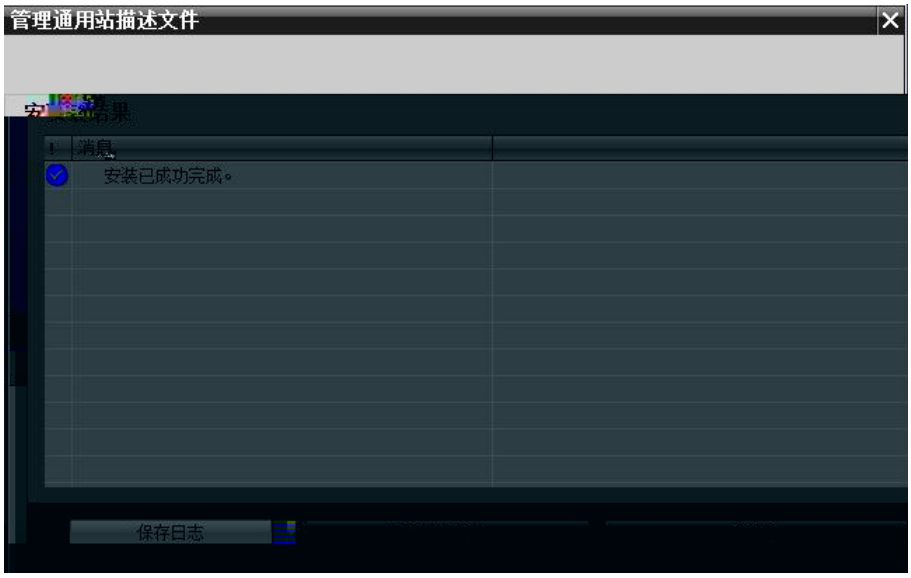


4.1.3 GSD

“ ”——“ GSD”， RVUC-PNx GSD GSD

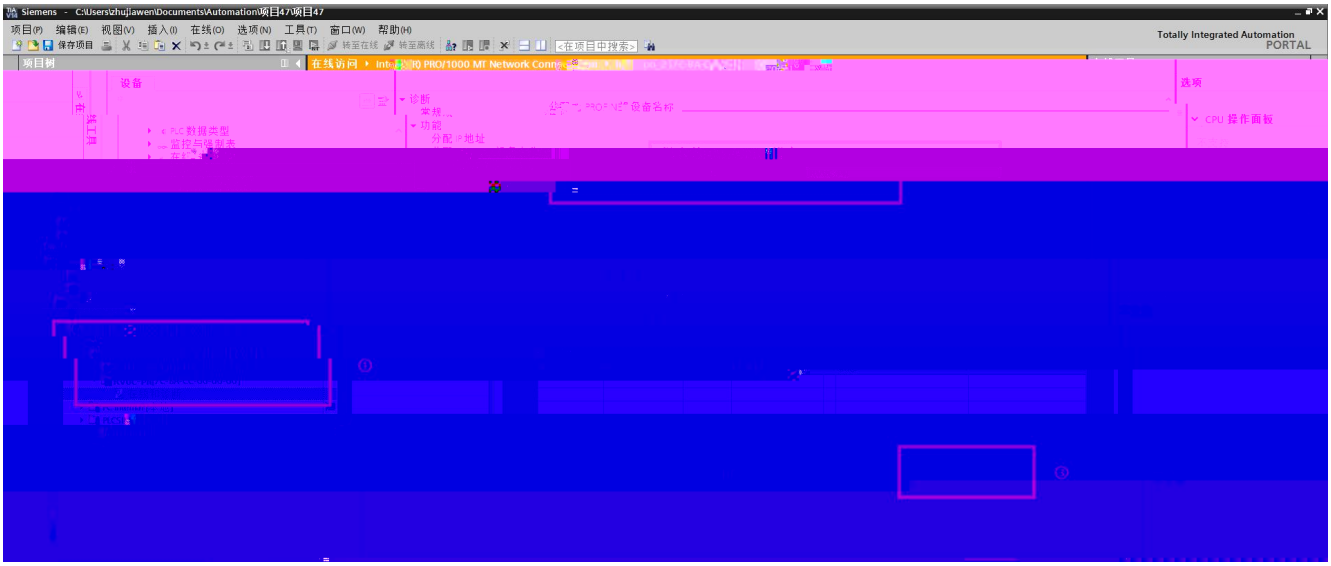






4.1.6

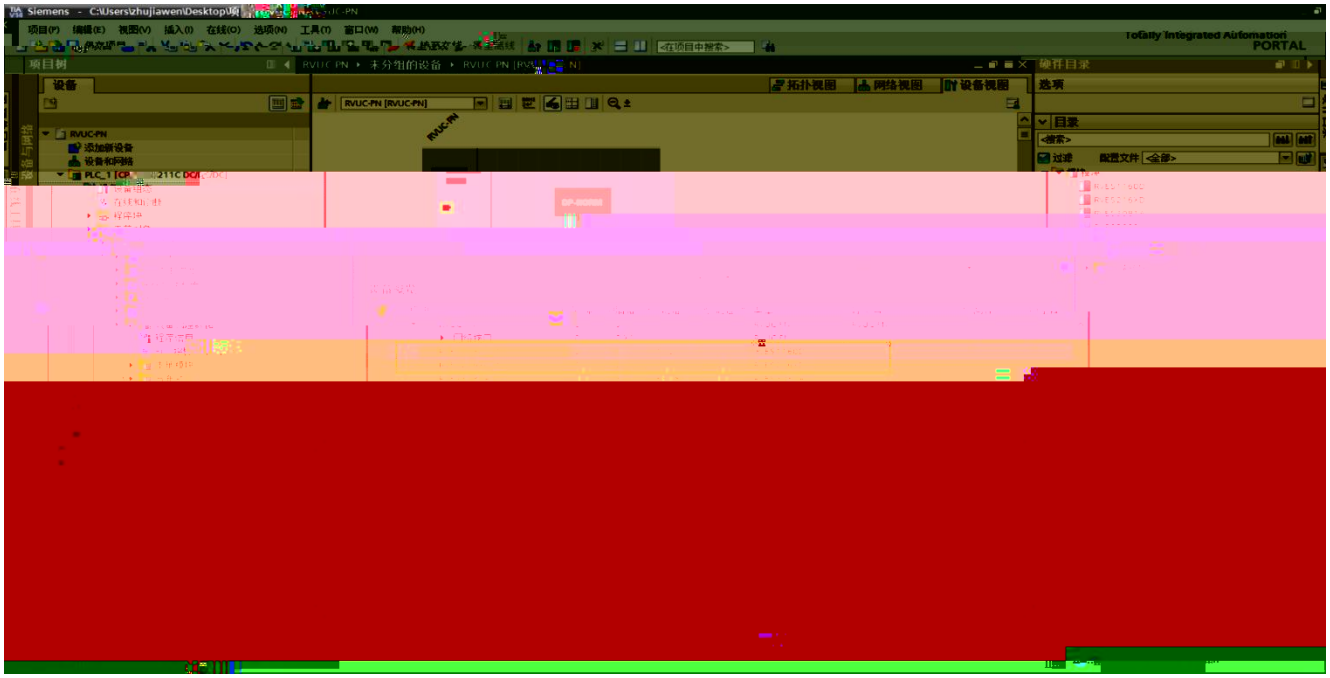
“ ” “ ”



4.1.7

“ ” “ ” IO RVES1160D RVES216XD RVES3081A RVES3082A

4.1.8



4.1.9

“ ” IO