

济南思尔奇智能科技有限公司

I / O



¥ 1.00

V1. 00	2022. 04. 16		

I P20

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



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 . ,

3.3.8

BOSS

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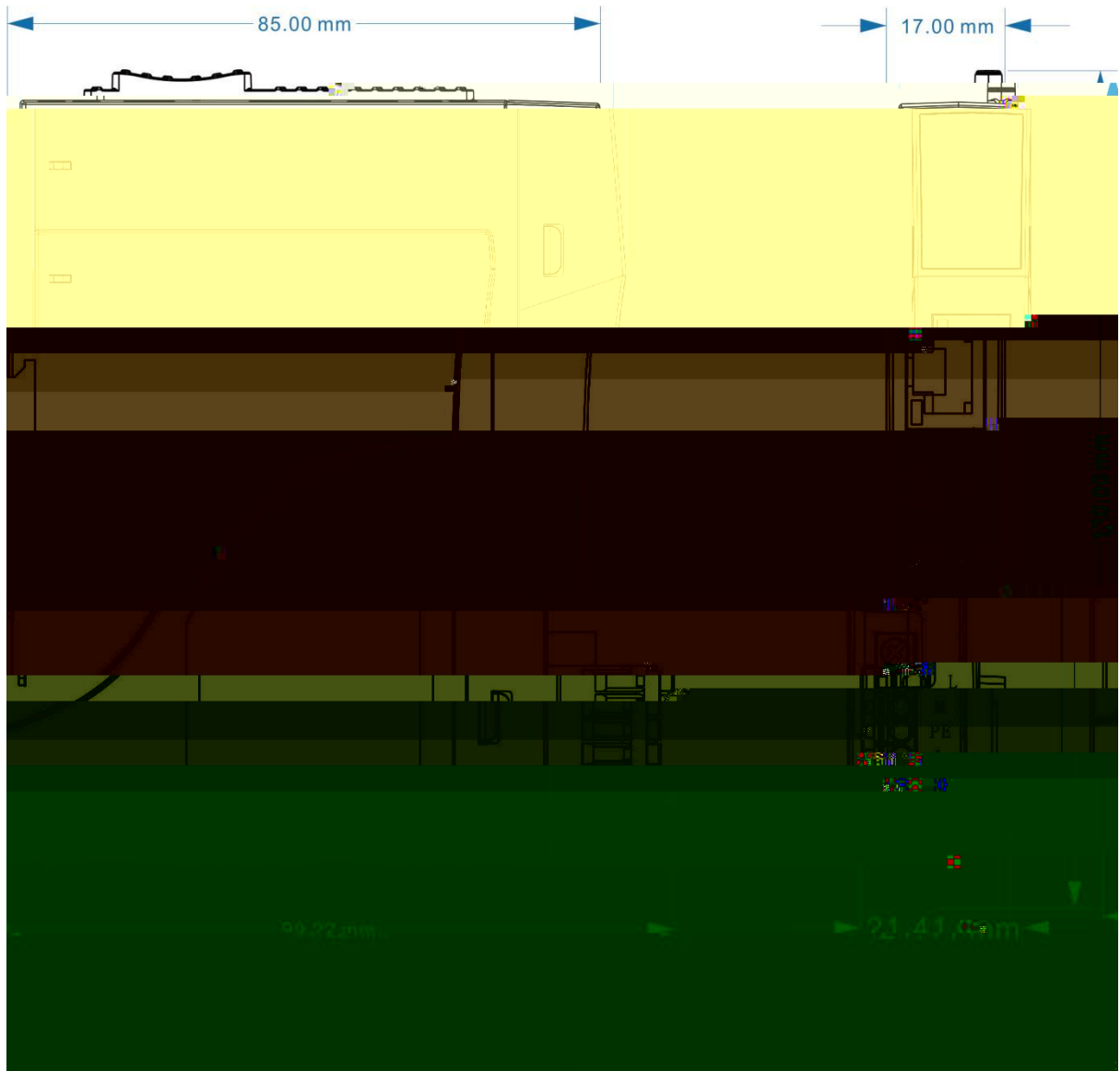
IP20
10

10
10
0

10

1.1

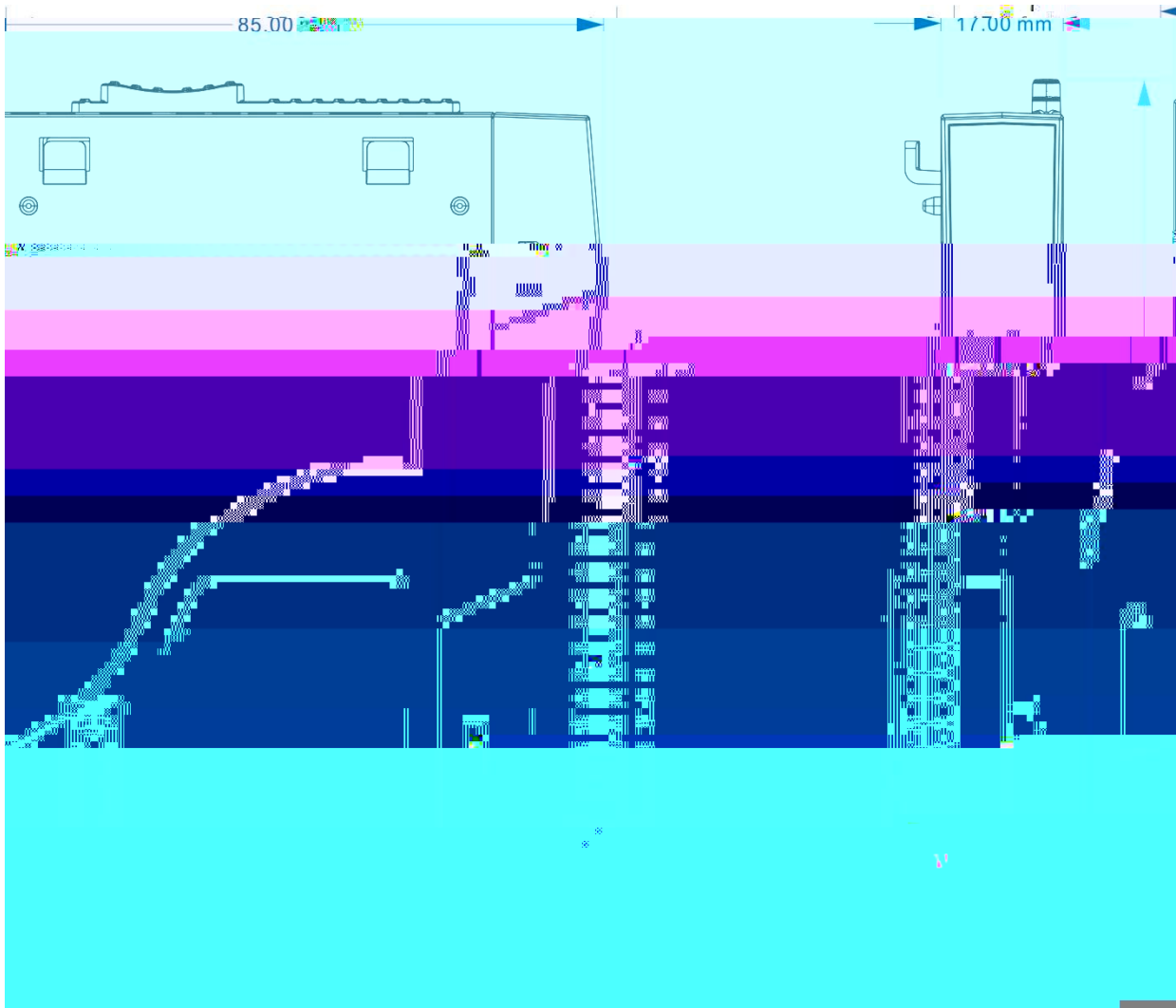
1.1.1 RVUC



RVUC

120 * 17 * 99.22mm

1. 1. 2 RVES

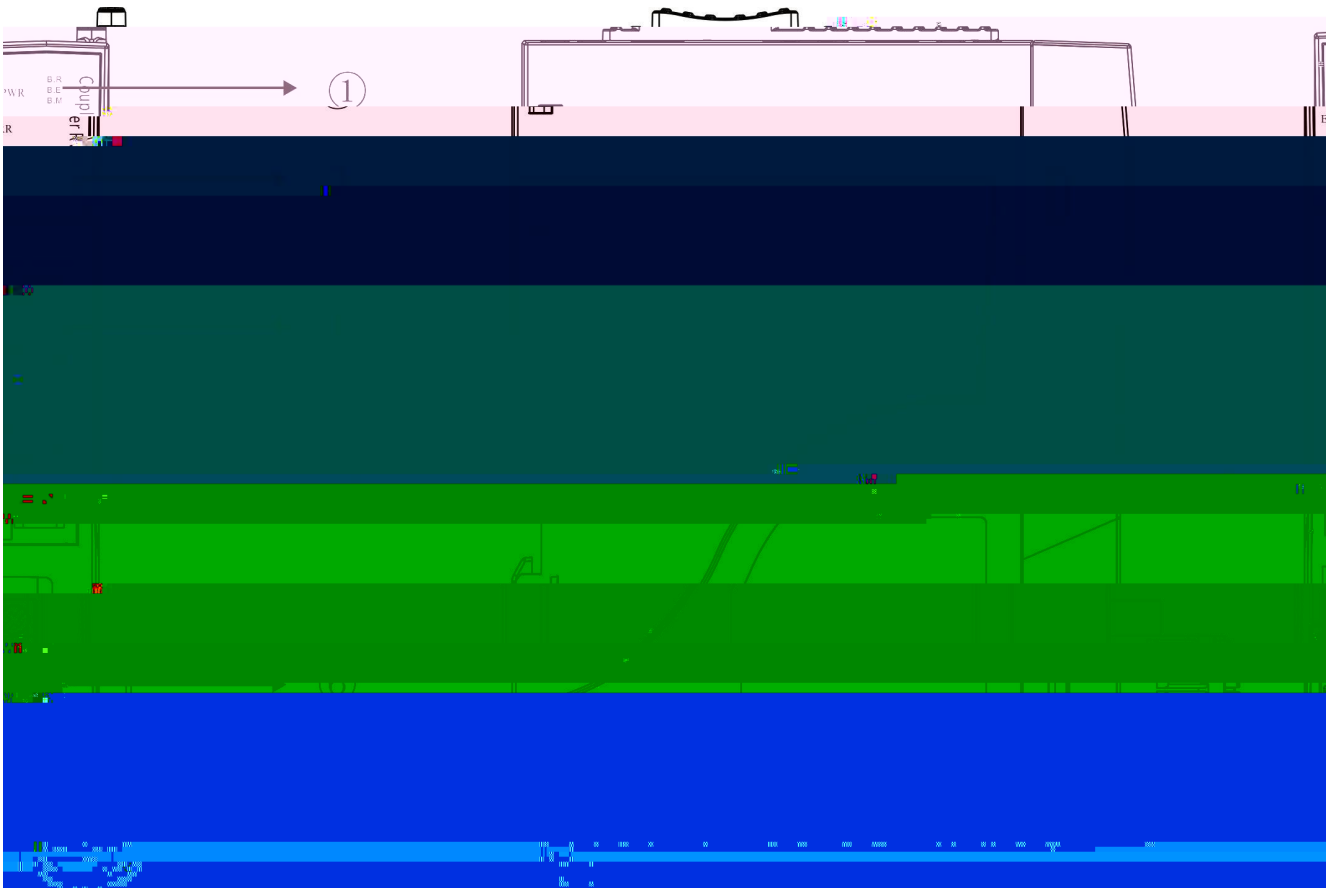


RVES

120 * 17 * 99.22mm

0

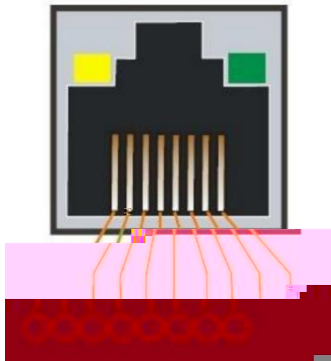
2.1.2



0



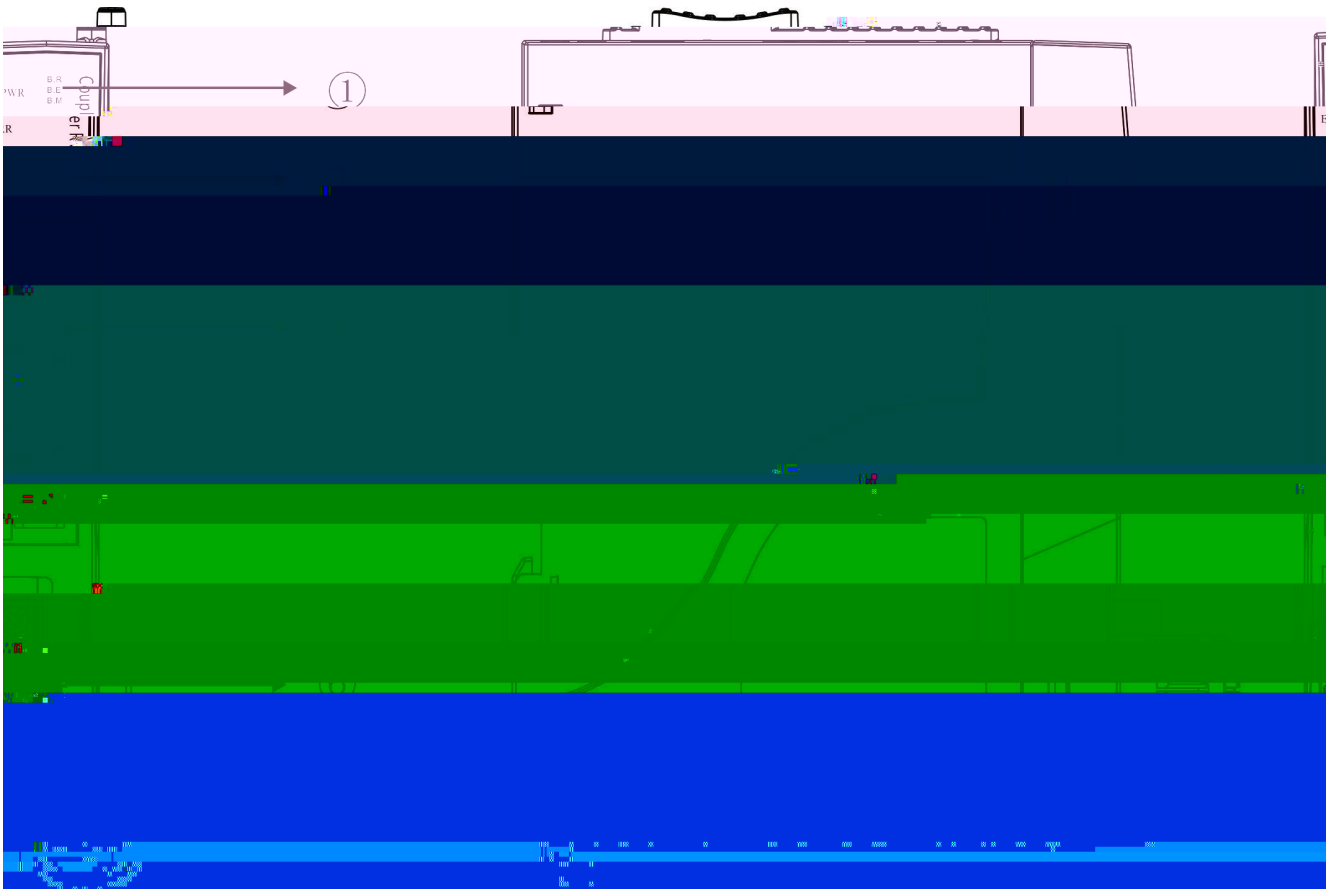
2 1. 7



RVUC

No.

2.2.2



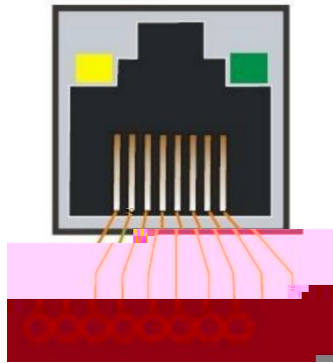
PORT1
PORT2

MAC

PORT1 PORT2 EtherNET/IP

10M/100M

2 2 7



3

3.1 RVES-1160D(16

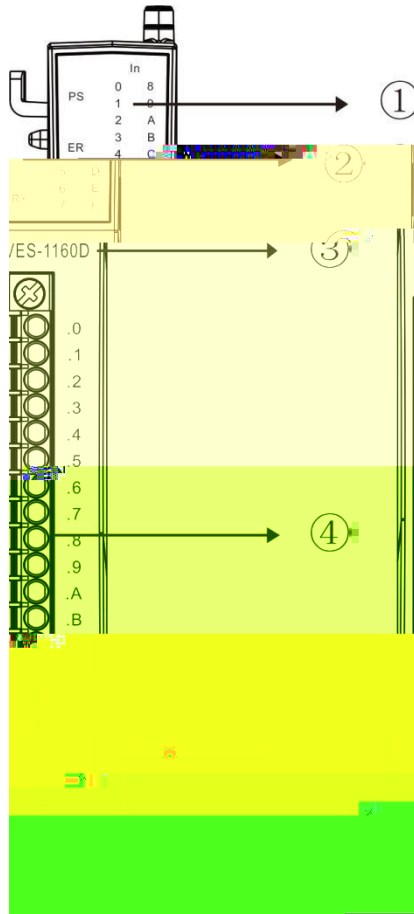
3.1.1

16		NPN	PNP	DC24V
		()	
2	3			
16		LED		

3.1.2

	RVES1160D
	100mA
	2*20Pin
	I/O Max. 1.5mm ² (AVG 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(

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3.1.6

" 0" LED " 1"

3.1.7

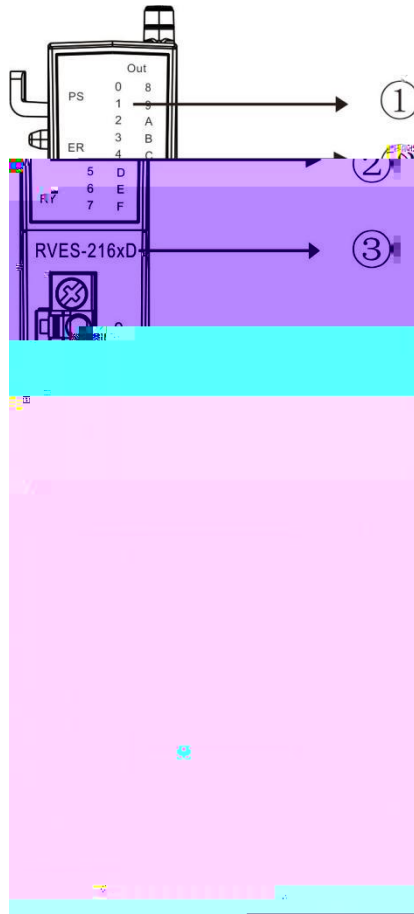
3.1.8



3. 2 RVES- 216xD(16

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3.2.3



3.2.4 LED

LED

2

3.2.5

PS(ER	RY(

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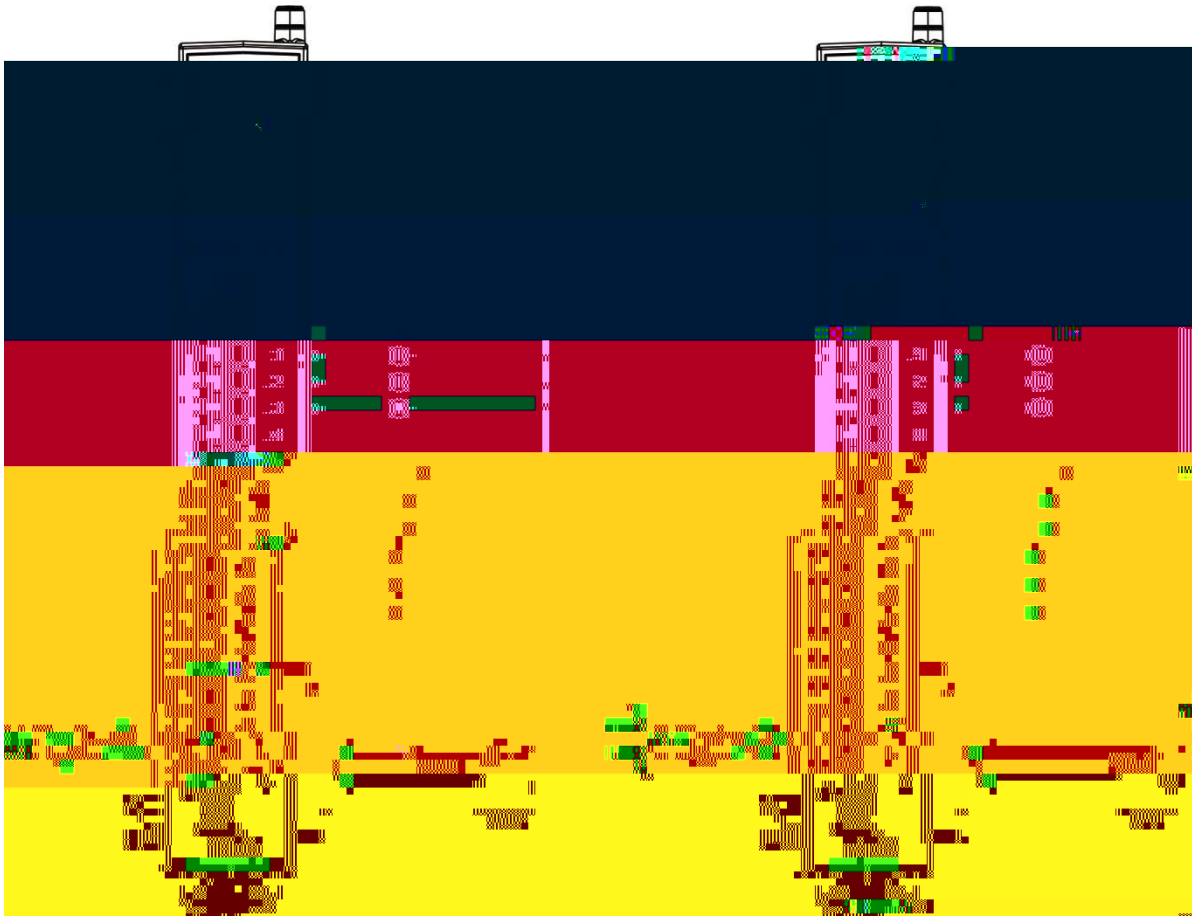
3.2.6

" 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
	DO 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

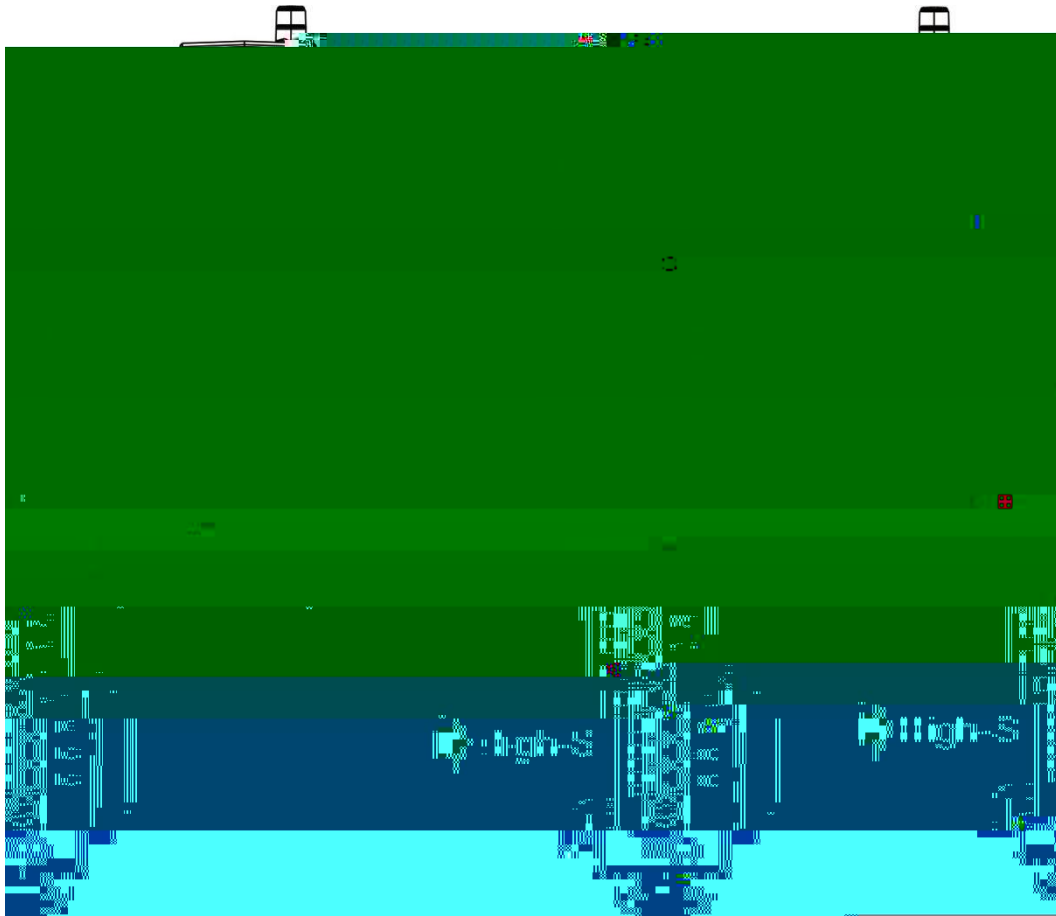
			RVES3081A		RVES3082A
				100mA	
				2*20Pin	
			I/O	Max. 1.5mm ² (AVG 16)	
				DN35	
				-40-85	
				5% 95%	
				IP20	
				8CH	
				16 Bytes	8 words
				15	
			4-20mA		0-10V
			125		10M
				± 0.3%	

3.3.3

3033



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	$V_i = V_r * \text{Gain} / 1000 + \text{Offset}$ V_i V_r
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

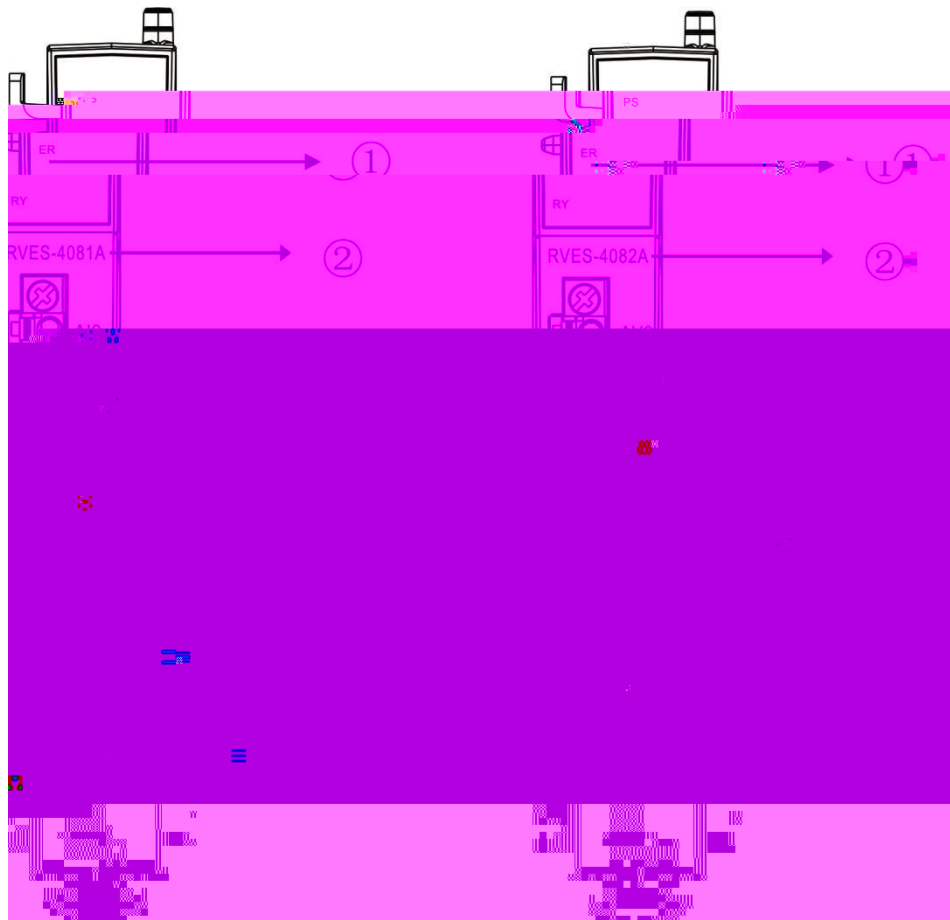
	8		RVES-4081A		RVES-4082A
RVES-4081A		4-20mA		RVES-4082A	0-10V
	2				

TVS

3.4.2

		RVES4081A	RVES4082A
		100mA	
		2*20Pin	
	I/O	Max. 1.5mm ² (AVG 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

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3.4.6

ES

3-7 0

1	Error_Mode (Param CH1_Error_Mode) For CH1	-		0 . 2	0 0 1 2
1	Repl ace val ue For CH1	-		- 32768 . 327 67	- 32768 . 32767 0
1	Ful l val ue For CH1	-		- 32768 . 327 67	- 32768 . 32767 32767
1	Zero val ue For CH1	-		- 32768 . 327 67	- 32768 . 32767 0

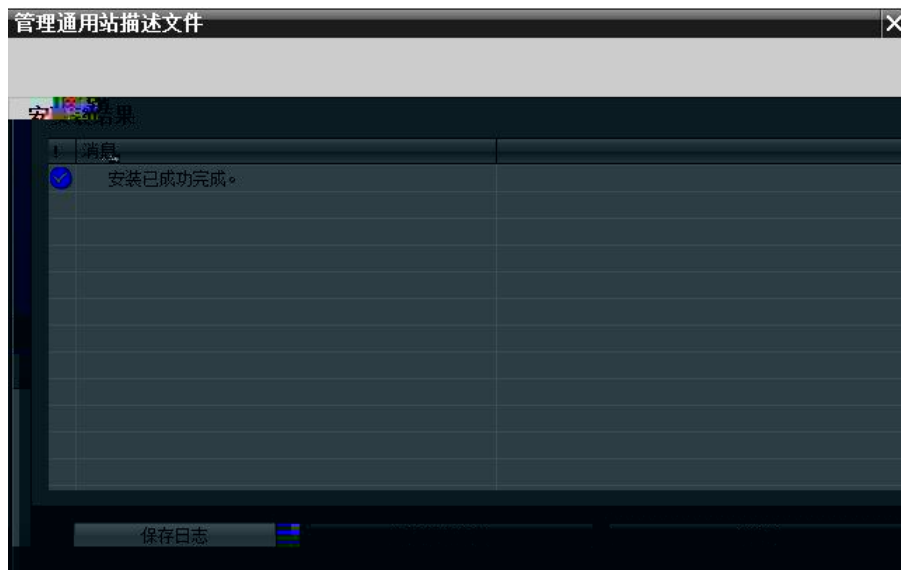
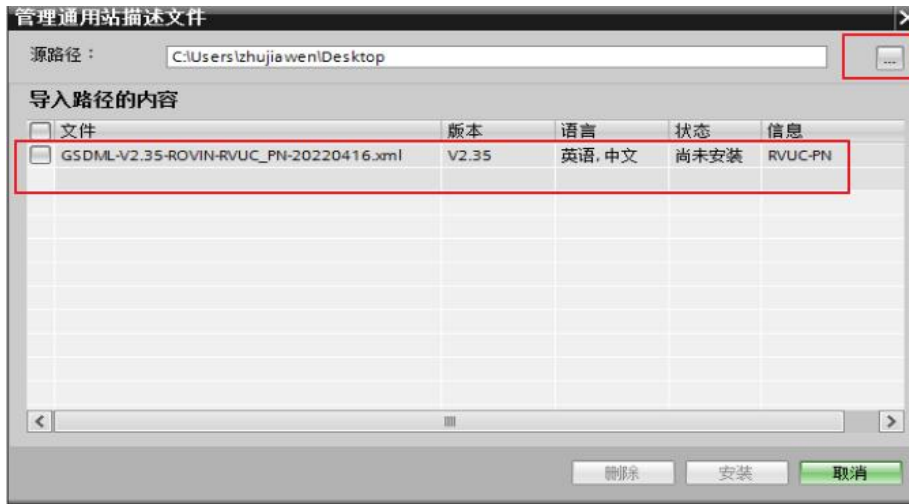
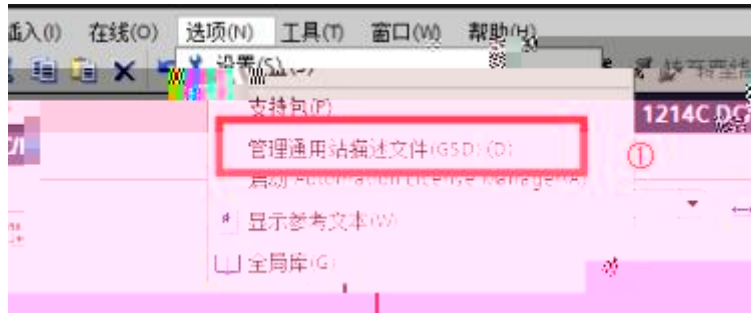
4.1.3 GSD

“ ” “ ” “ ”

GSD” ,

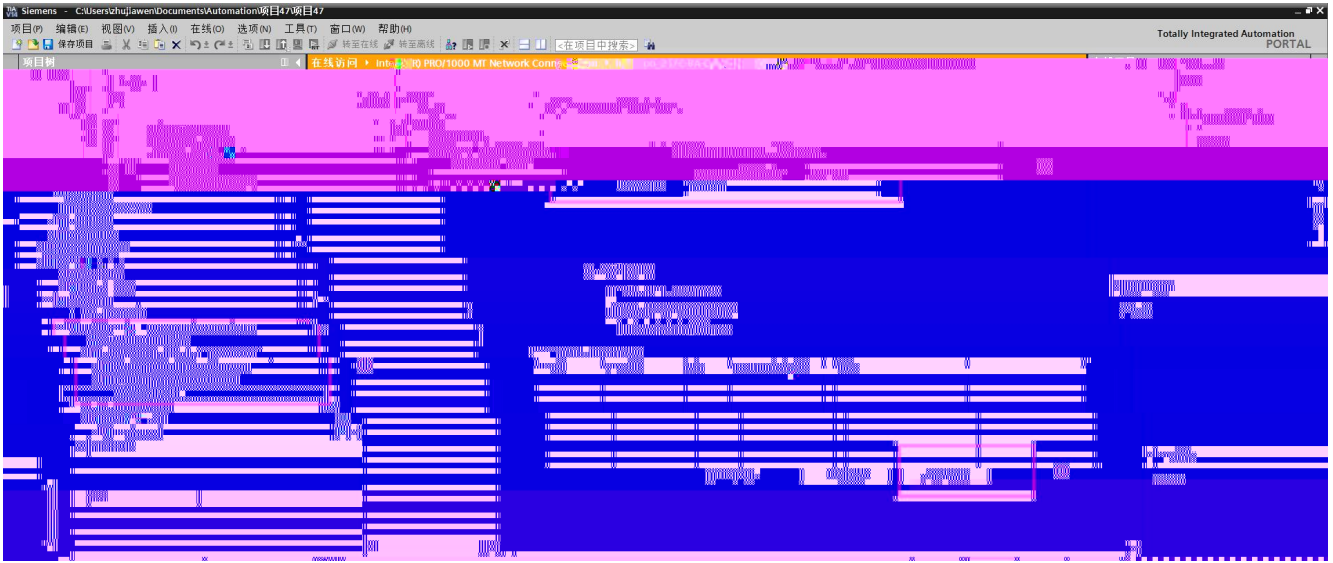
RVUC- PNx GSD

GSD



4.1.6

" " " "



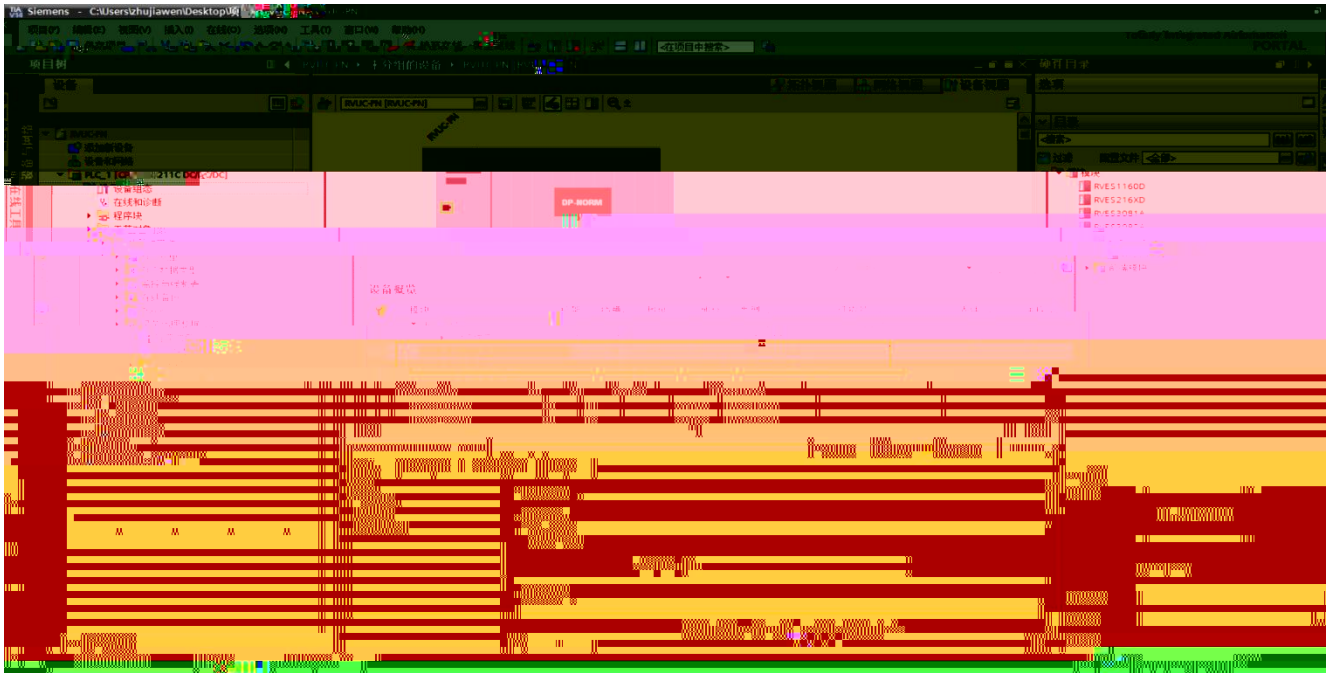
4.1.7

" " " " I O RVES1160D RVES216XD RVES3081A

RVES3082A



4.1.8



4.1.9

" "

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