

# 透科自动化

ES-04DMA

S7-1200

PROFINET LUC-PN S7-1200 ES-04DMA





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# 1. ES-04DMA

S7-1200PLC

PROFINET

IO

IO

LUC-PN

ES-04DMA

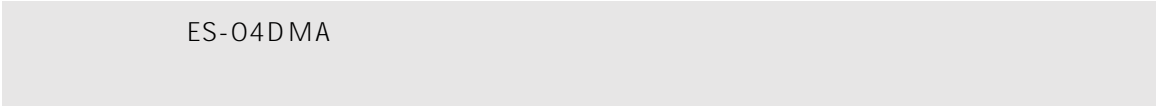
IO

4 NPN

16 NPN

8 NPN

## 1.1



ES-04DMA

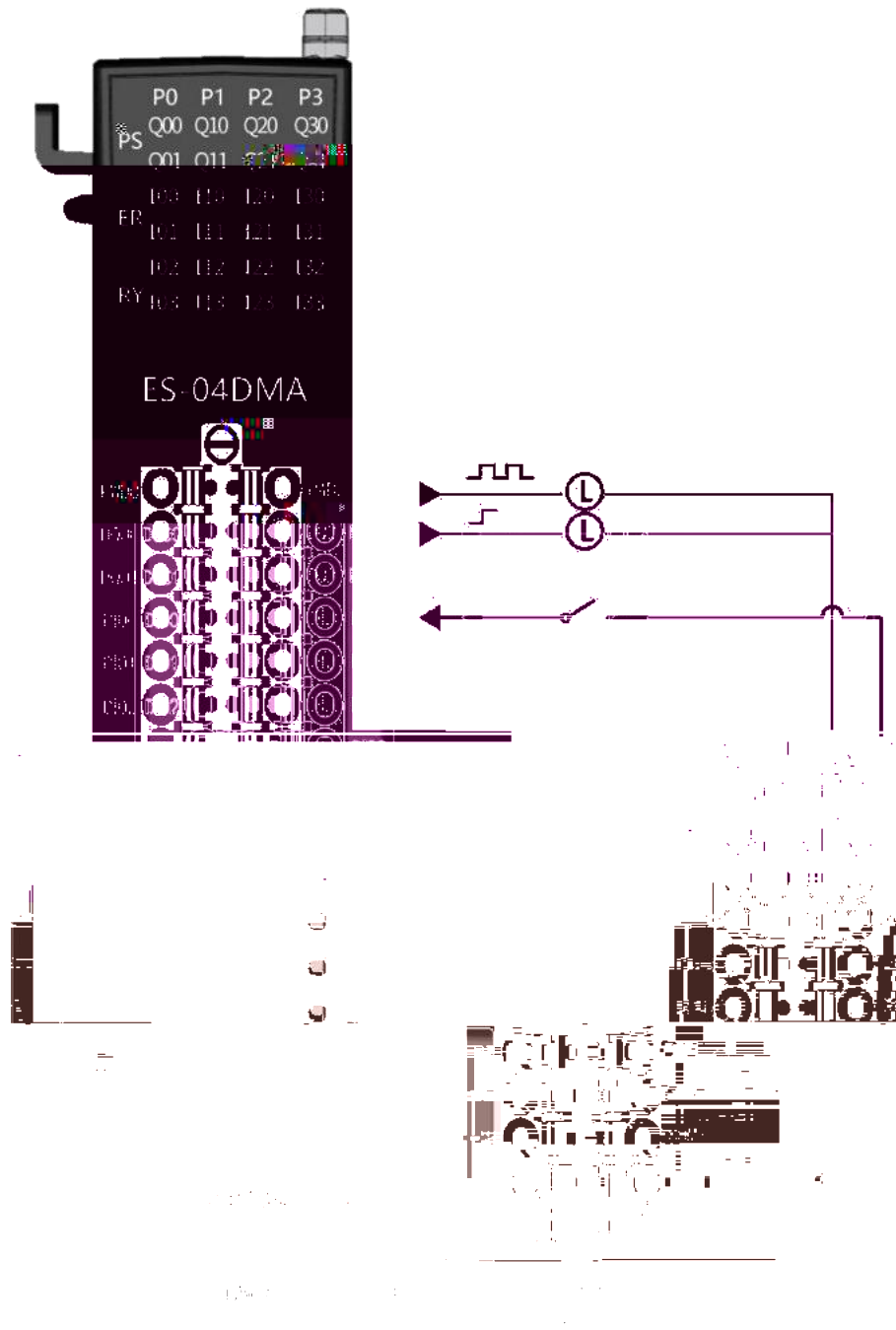
1

PWDO

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	ES-04DMA	
1	PWDO	CH3
2	DQ20	
3	DQ21	
4	DI20	
5	DI21	
6	DI22	
7	DI23	
8	COM1	
9	PWD3	CH4
10	DQ30	
11	DQ31	
12	DI30	
13	DI31	
14	DI32	
15	DI33	
16	COM3	
17	L	24
18	M	

# 1.2



### 1.3

1	BYTE 0	Ch1							
	BYTE 1								
	BYTE 2								
	BYTE 3								
	BYTE 4-5	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
	D13	D12	D11	D10					
	BIT12-BIT15				BIT11	BIT10	BIT9	BIT8	
							DQ1	DQ0	
2	BYTE 6..11	Ch2				Ch1			
3	BYTE 12..17	Ch3				Ch1			
4	BYTE 18..23	Ch4				Ch1			

輸出口地址分配

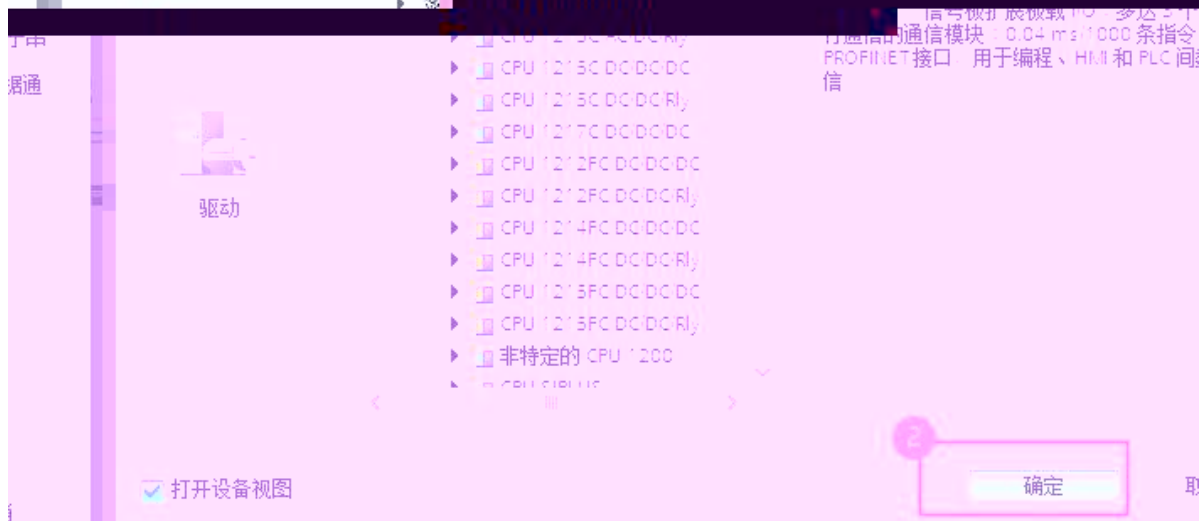
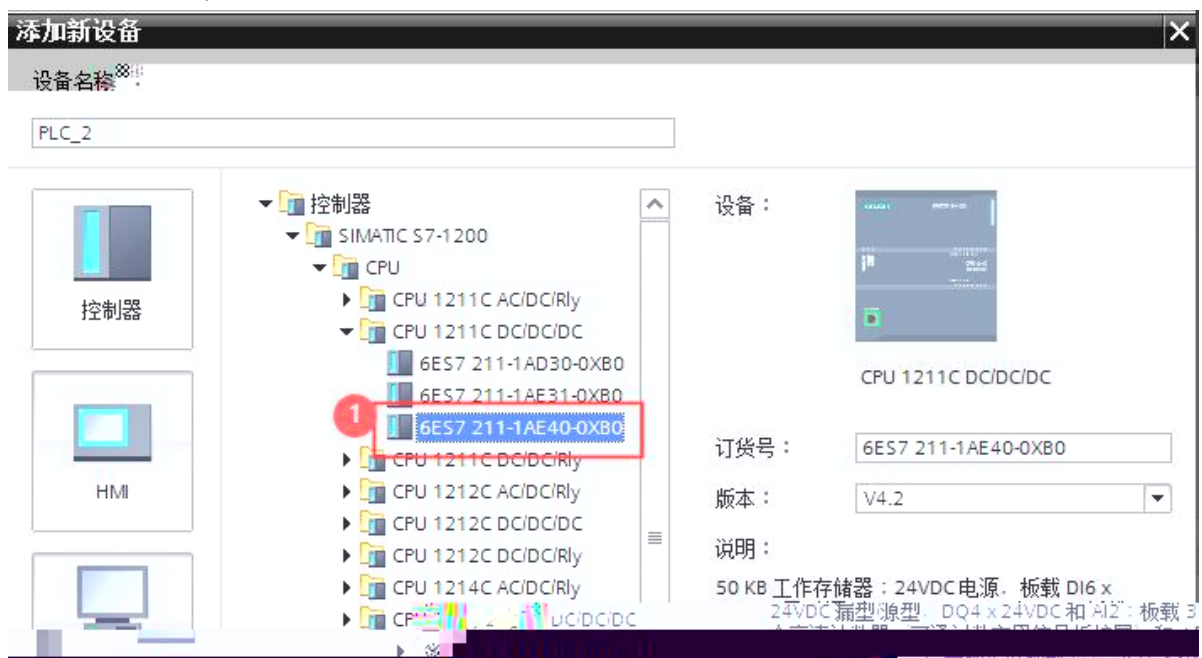
1	BYTE 0	Ch1							
	BYTE 1								
	BYTE 2								
	BYTE 3								
	BYTE 4	Ch1							
	BYTE 5								
	BYTE 6								
	BYTE 7								
	BYTE 8	BIT 7	BIT 6	BIT 5	BIT 4	BIT 3	BIT 2	BIT 1	BIT 0
			DQ1	DQ0	1				
BYTE 9	BIT10-15			BIT 9			BIT 8		
2	BYTE 10..19	Ch2				Ch1			
3	BYTE 20..29	Ch3				Ch1			
4	BYTE 30..39	Ch4				Ch1			





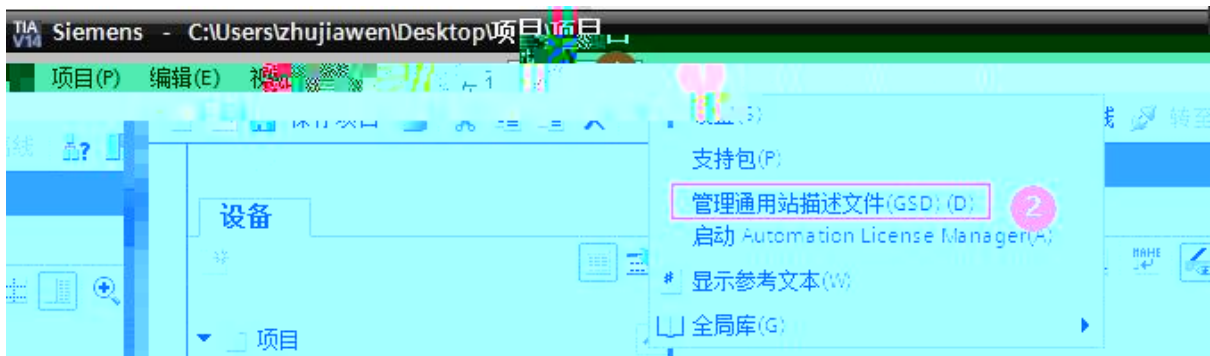


2. " " " " SIMATIC S7-1200 CPU CPU 1211C DC/DC/DC 6ES7 211-1AE40-0XB0"

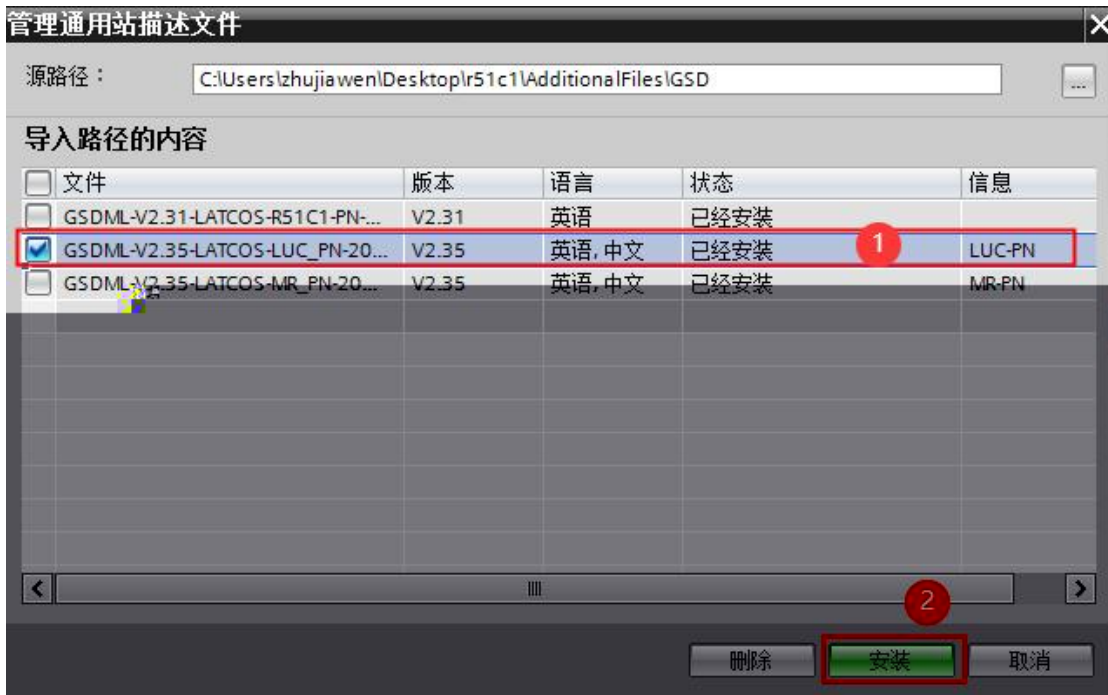


### 3.2.3 LUC-PN

1. " " " " GSD "

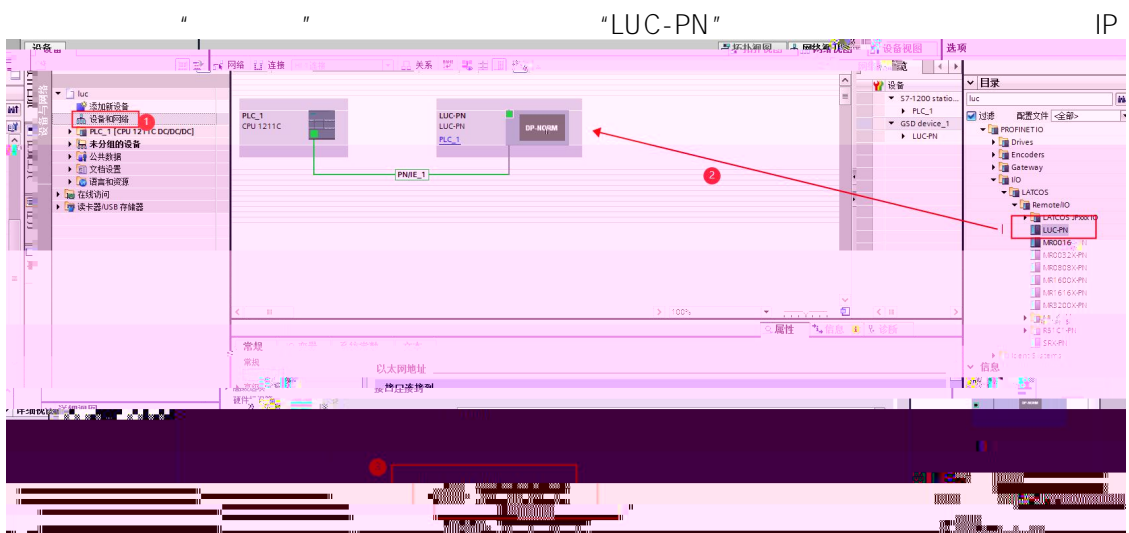


2.



### 3.2.4 LUC-PN

1.



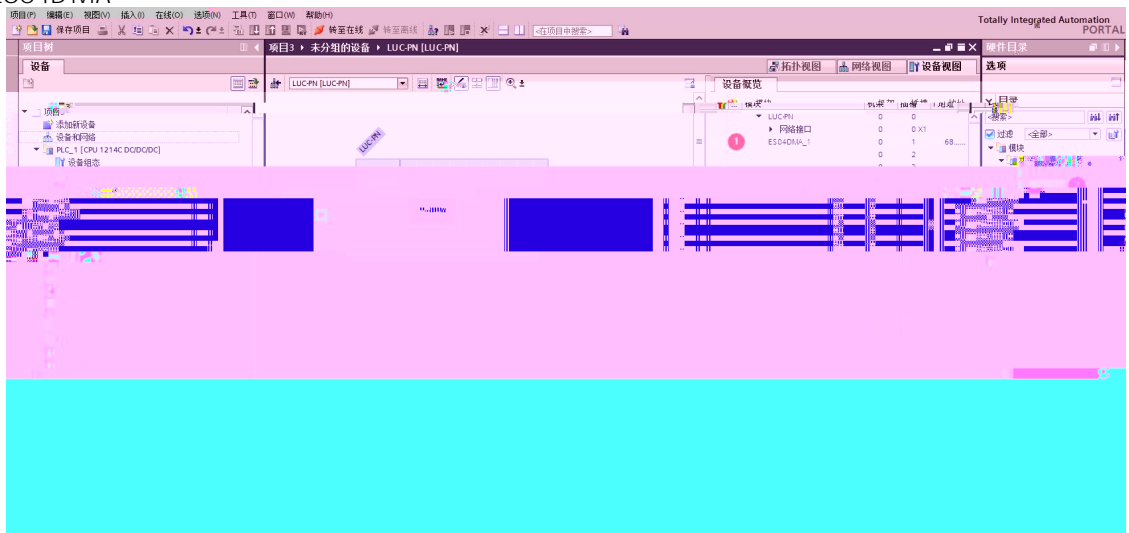
### 3.2.5 ES-04DMA

TIA Portal

LUC-PN

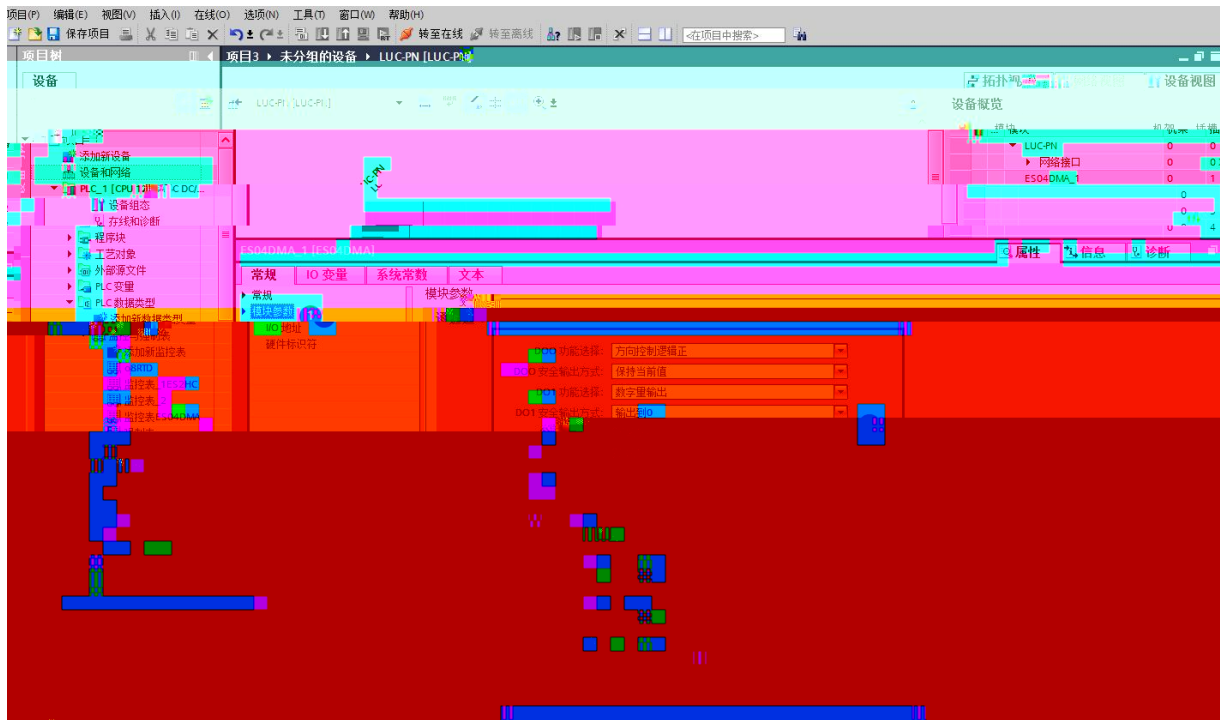
1,

ESO4DMA

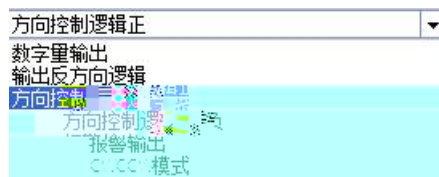




### 3.2.7 ES-O4DMA



1 DO0



2 DO0



3 DO1



4 DO1





9 DI

2

2

值范围：[0..255]。 X

10

S

S曲线

直接启动

S曲线

梯型曲线

11

1000HZ

1000

值范围：[1000..200000]。 X

12

100000HZ

100000

值范围：[1000..200000]。 X

13

500ms

500

值范围：[100..1000]。 X

14

10000

10000

值范围：[1000..200000]。 X

15

1000

1000

值范围：[1000..200000]。 X

16

1

原点回归模式1

原点回归模式1

原点回归模式2

17

立即停止

立即停止

减速停止

保持当前状态

18

绝对模式

绝对模式

增量模式



### 3.2.8 ES-04DMA

I/O

Q68.0~Q91.7

/



%QD64	
%QD68	
%Q72.0	
%Q72.1	stop
%Q72.2	
%Q72.3	
%Q72.4	
%Q72.5	DQ0
%Q72.6	DQ1
%Q72.7	
%Q73.0	
%Q73.1	

3.2.9 ES-04DMA

I/O

I68.0~I91.7

/



%I68

%I72.0

%I72.1

%I72.2

%I72.3

I22

/

10

QD64,

QD74,

QD84

QD94

5

/

6

ID68,

ID74,

ID80,

ID86

3.3.

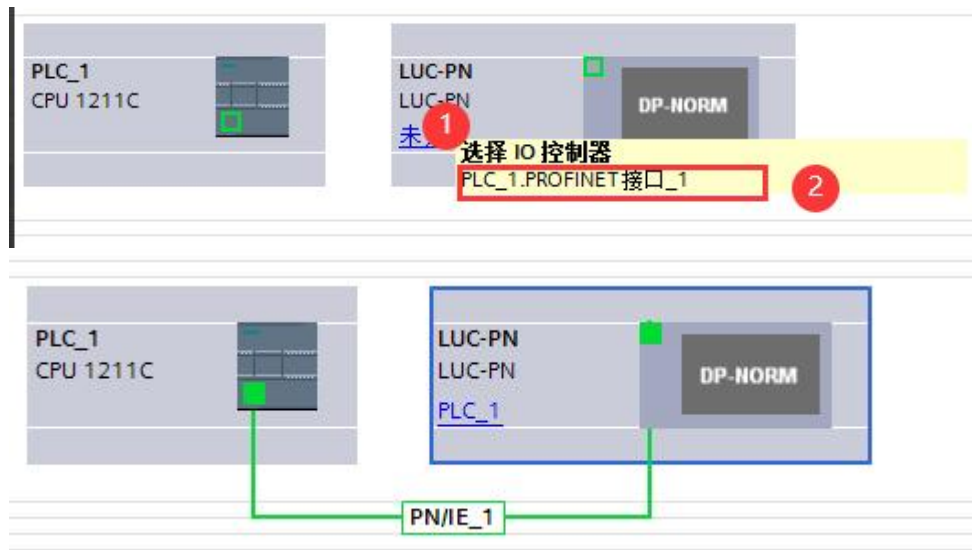
PLC-1.PROFINET -1

PLC\_1.PROFINET

\_1

LUC-PN

PROFINET



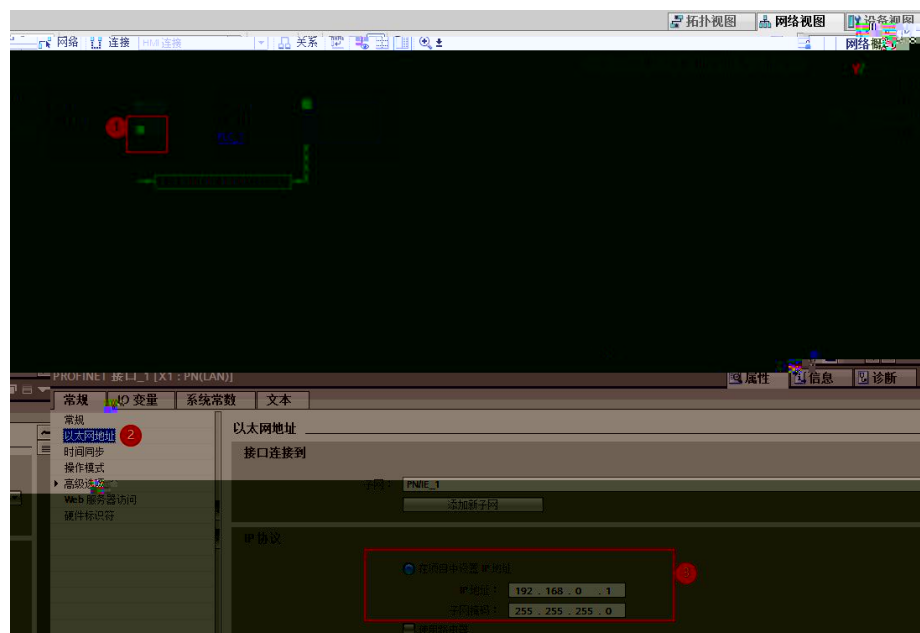
3.4.

S7-1200 IP

LUC-PN IP

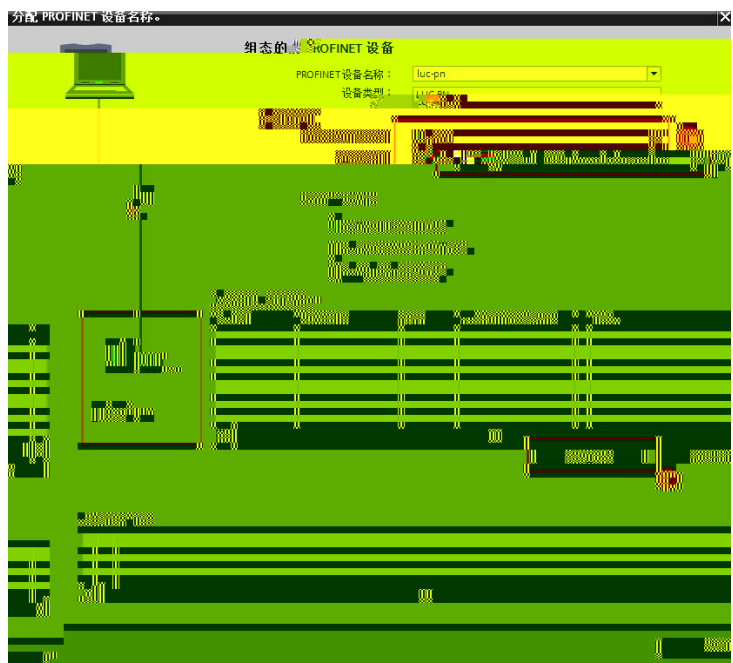
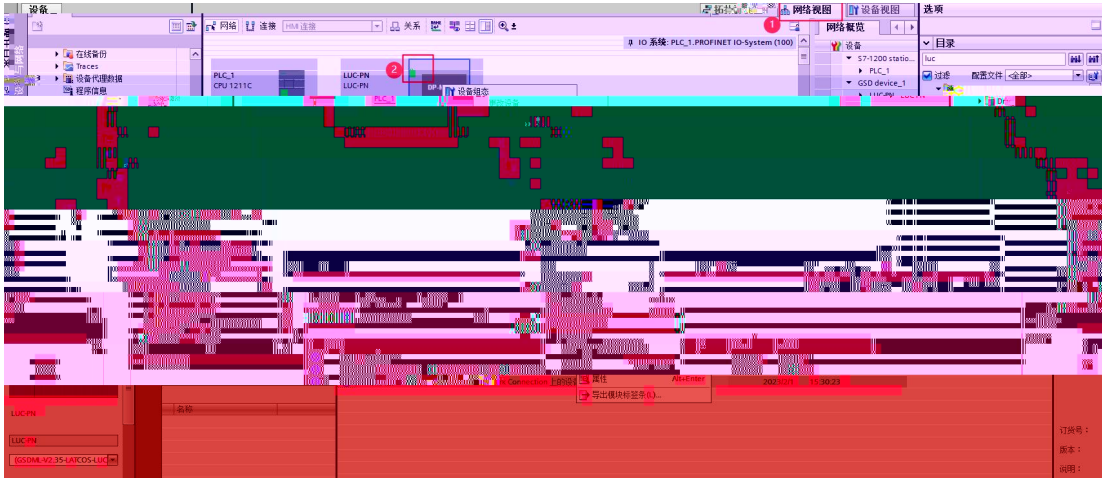
1.

IP



2.

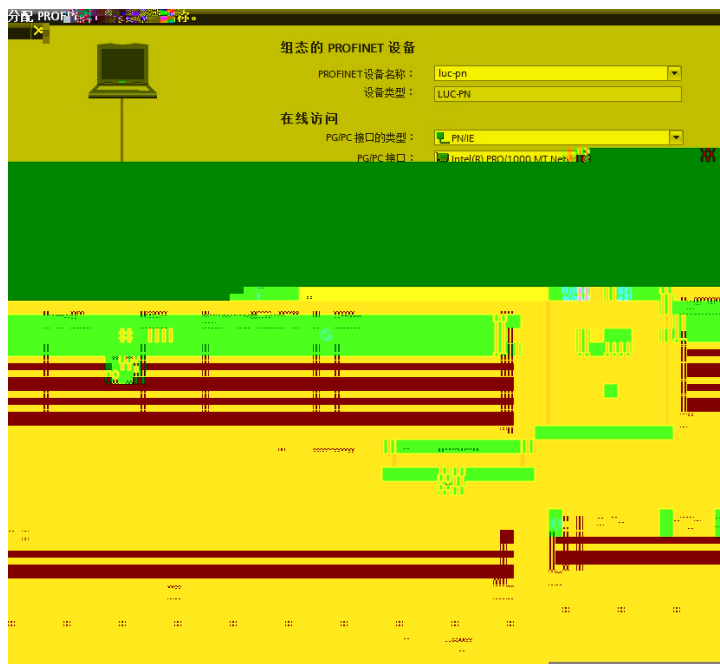
IO



MAC

PLC

IP







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