

凌科自动化

# User Manual



PROFINET  
MODBUS RTU  
APG1502

RS485

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PROFINET® PI

IP20

IEC 11631-22007 Programmable controllers – Part 2: Equipment requirements and tests

IEC/TR 61158 -

IEC 61784-1 -

PNO - 7.352, PROFINET IO Device Integration, Guideline for PROFINET, Version 1.0, October 2014, PROFIBUS & PROFINET International, Order Number 7.352

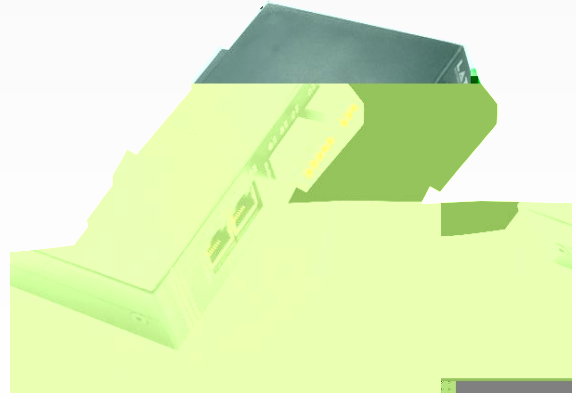


1		PROFINET RT IEC 61158 Type3
2		10/100 Mbaud
3		RJ45 IEEE 802.xx )
4		MAC
5		CAT5e
7		1500V DC IEC61000-4-2
1		Modbus_RTU Master
2		5
3	kbps	2400,4800,9600,19200,38400,57600,115200
4		01H 02H 03H 04H 05H 06H 0FH 10H
1		W 31*(H)118* D 86mm
2		DIN 35mm
3		IP20
4		-40 +70 -20 +55
5		24 VDC(± 20 )
6		110 mA (24 VDC)



APG 1502 Gateway  
X1P1 X1P2

RJ45

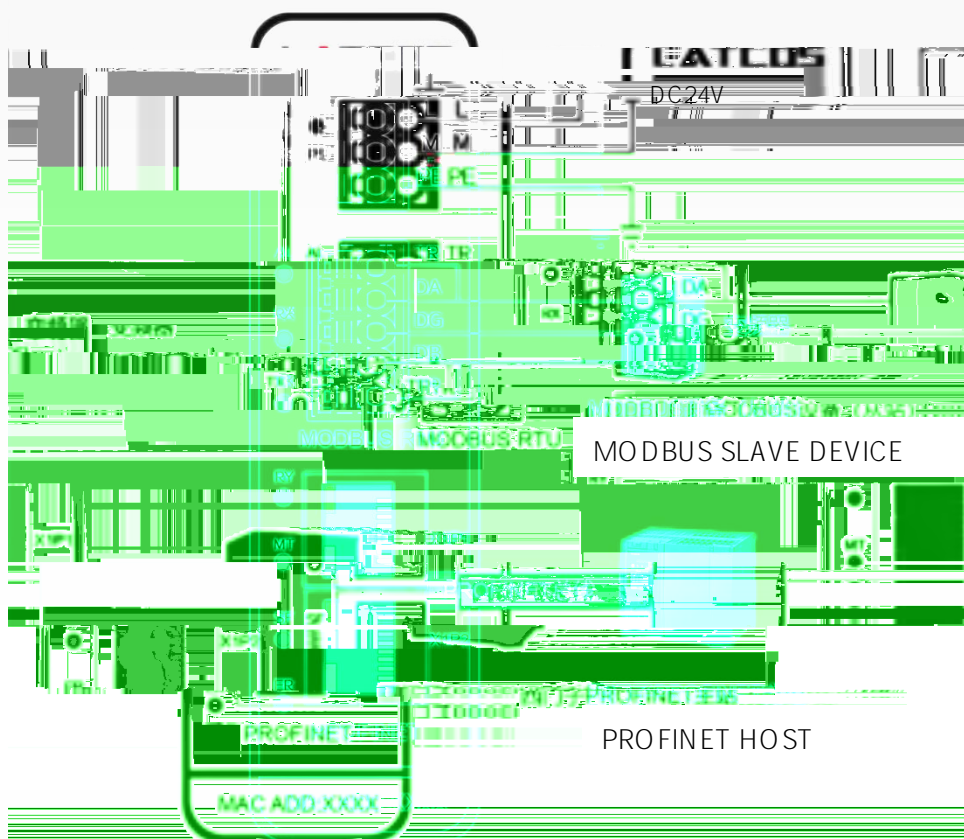




LED

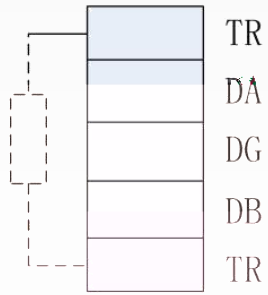
Modbus

profinet



PWR		
AL		Modbus
RX		Modbus
TX		Modbus
RY		operate
MT		LED
SF		--
ER		Profinet watchdog

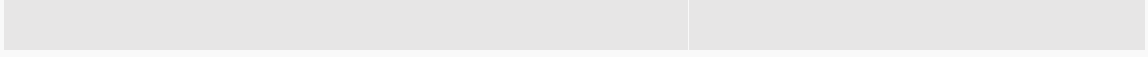
Mobus 120 TR1 DA, TR2 TR DB



1	TR1	
2	DA	/ A
3	DG	
4	DB	/ B
5	TR2	



status





# TIA PORTAL

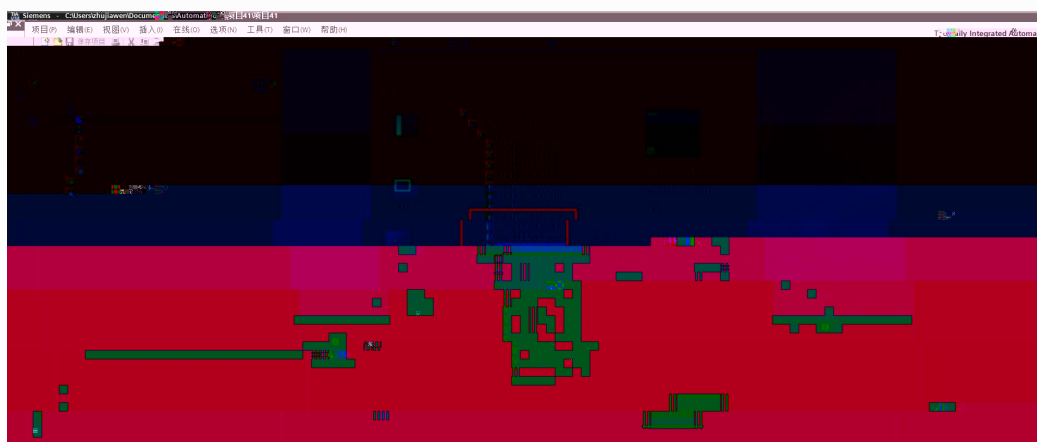
GSDML

S7-1200

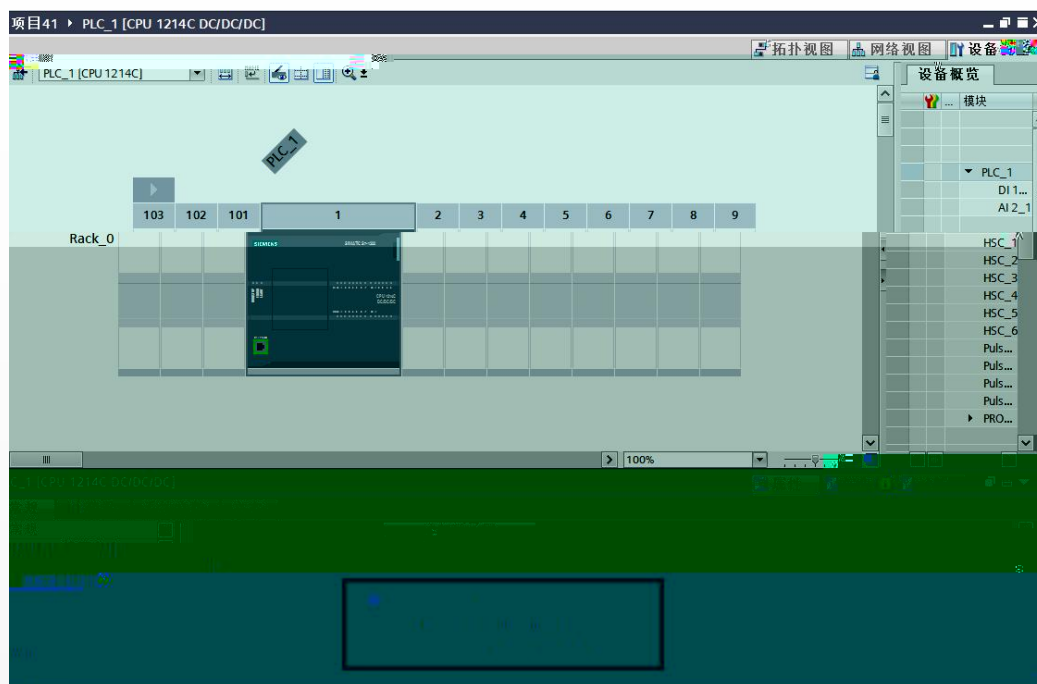
SIMATIC S7-1200

1214C

CPU



IP CPU 1200 192.168.0.1





eW... PG 1502\_V2

IO/Gate

OS/Gat











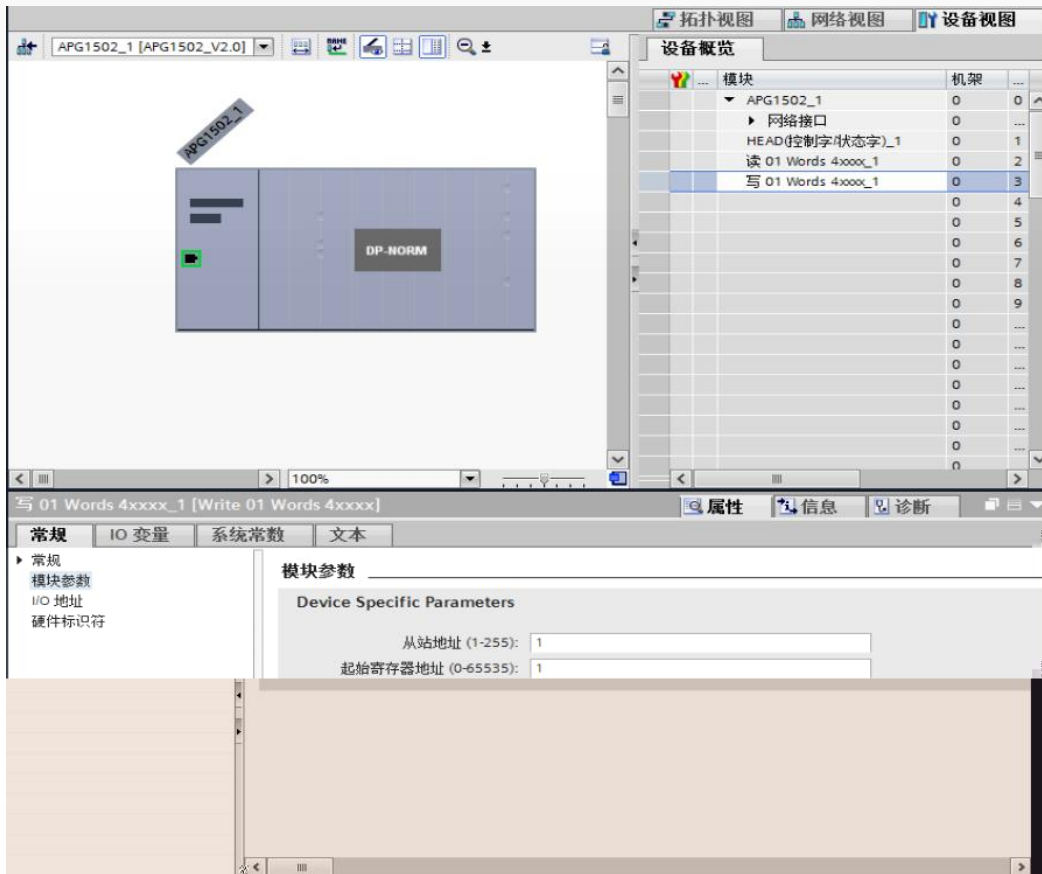
(2)

"Slave Address"

10

"Start Address"

10



3

"HEAD (Status Control Byte)"

" "

HEAD (Status Control Byte)

I Q

%IW1

%QW1

%QW1

1

%Q1.0 = 1

ModeBus





```

1           2
2           H1002           H1003           H1004
3           H1002
4           H2000

3
Read 03 Words 4xxxx(           Modbus           03H) (
)
Write Single Word 4XXXX           Modbus           06H
Write Single Word 4XXXX           Modbus           06H (

Slave Address =2
"Start Address" = 4098   H1002 =K4098           2
Slave Adrees =2

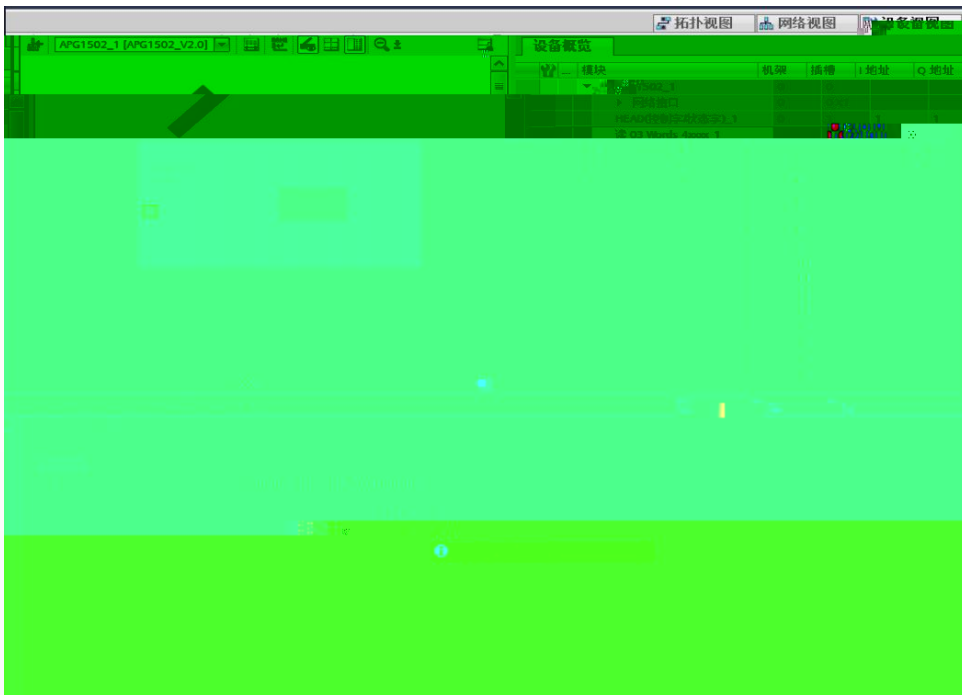
Start Adree = 4098   H1002 =K4098           Slave Adrees =2

Start Adree = 8192   H2000=K8192           Slave Adrees =2

GOPN_MB
%Q2.0=TRUE

```

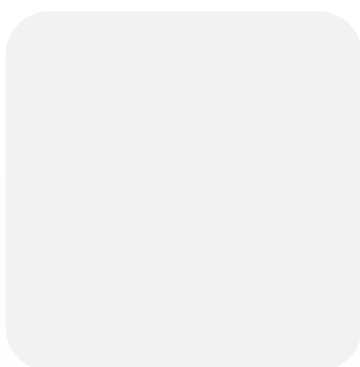
I    Q



```

IB84----IB89
IW84----- IW86----- IW88----
QB64---QB67
QW66   H01           05H           H2000
H01     H05

```



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