



GP 與 OMRON PLC 連線輔助說明手冊

系列名	CPU	Link 模組	PRO/PBIII 選擇的 PLC 型 式	註解
SYSMAC-C	C500 C500F C1000H C1000HF C2000 C2000H	C500-LK201-V1 C500-LK203	OMRON SYSMAC-C series	參考 Chapter 1
	C200H C200HS	C200H-LK201 C200H-LK202		
	C20H C28H C40H C200HS CQM1-CPU42	Link I/F on CPU Unit (RS-232C Port)		
	C120 C120F C200H C500 C500F C1000H C2000 C2000H C1000HF	C120-LK201-V1 C120-LK202-V1 C500-LK203		
	SRM1-CO2 CPM1-20CDR-A CPM2A	CPM1-CIF01 CPM1-CIF11		
	C200HS SRM1-CO2 CQM1-CPU11 CQM1-CPU42 CPM1-20CDR-A CPM2A CQM1H-CPU21	CPU Direct Connection		

系列名	CPU	Link 模組	PRO/PBIII 選擇的 PLC 型 式	註解	
SYSMAC-C	CPM2C	CPU Direct Connection	OMRON SYSMAC-C series	參考 Chapter 1	
		CPM2C-CIF01			
	CQM1H-CPU51 CQM1H-CPU61	CQM1H-SCB41	OMRON SYSMAC-C 1:n Comm.		
SYSMAC-	C200HX-CPU85-Z C200HX-CPU64 C200HE-CPU42 C200HG-CPU63 C200HG-CPU43	C200HW-COM06	OMRON SYSMAC-C series		
		RS-232C Port on CPU unit			
		C200HE-CPU42-Z			C200H-LK202-V1
		C200HX-CPU64-Z			C200H-LK201-V1
SYSMAC- CV	CV500 CV1000 CVM1	Link I/F on CPU Unit,CV500- LK201(Host Link)	OMRON SYSMAC- CV series	參考 Chapter 2	
SYSMAC- CS1	CS1H-CPU67 CS1H-CPU66 CS1H-CPU65 CS1H-CPU64 CS1H-CPU63 CS1G-CPU45 CS1G-CPU44 CS1G-CPU43 CS1G-CPU42 CS1H-CPU67H CS1H-CPU66H CS1H-CPU65H CS1H-CPU64H CS1G-CPU45H CS1G-CPU44H CS1G-CPU43H CS1G-CPU42H	RS-232C Port on CPU unit	OMRON SYSMAC- CS1 series	參考 Chapter 3	
		Peripheral port CPU unit			
		CS1W-SCB21 CS1W-SCB41 CS1W-SCU21			

系列名	CPU	Link 模組	PRO/PBIII 選擇的 PLC 型 式	註解						
SYSMAC- CJ	CJ1G-CPU44 CJ1G-CPU45	Peripheral port CPU unit	OMRON SYSMAC-C series	參考 Chapter 3						
		RS-232C Port on CPU unit								
		CJ1W-SCU41								
SYSMAC- CJ	CJ1G-CPU44 CJ1G-CPU45	Peripheral port CPU unit								
		RS-232C Port on CPU unit								
		CJ1W-SCU41								
SYSMAC- CS1	CS1H-CPU67 CS1H-CPU66 CS1H-CPU65 CS1H-CPU64 CS1H-CPU63 CS1G-CPU45 CS1G-CPU44 CS1G-CPU43 CS1G-CPU42	CS1W-ETN01	OMRON SYSMAC- CS1 (ETHER) series							
					SYSMAC- CJ	CJ1G-CPU44 CJ1G-CPU45 CJ1G-CPU42H CJ1G-CPU43H CJ1G-CPU44H CJ1G-CPU45H	CJ1W-ETN11 CJ1W-ETN21			
								SYSMAC- CJ1M	CJ1M-CPU12 CJ1M-CPU13 CJ1M-CPU22 CJ1M-CPU23	CJ1W-ETN11

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OMRON-C Series

在 GP-PRO/PB3 for Windows 選擇 PLC 型式為 OMRON

SYSMAC-C Series 時要如何設定呢?請參考下方

系列名	CPU	Link 模組	在 PRO/PBIII 選擇的 PLC 型式	註解
SYSMAC-C	C500 C500F C1000H C1000HF C2000 C2000H	C500-LK201-V1 C500-LK203	OMRON SYSMAC-C series	參考 1-1 節
	C200H C200HS	C200H-LK201 C200H-LK202		
	C20H C28H C40H C200HS CQM1-CPU42	Link I/F on CPU Unit (RS-232C Port)		參考 1-3 節
	C120 C120F C200H C500 C500F C1000H C2000 C2000H C1000HF	C120-LK201-V1 C120-LK202-V1 C500-LK203		參考 1-1 節
	SRM1-CO2 CPM1-20CDR-A TPM1 CPM2A	CPM1-CIF01 CPM1-CIF11		參考 1-2 節

系列名	CPU	Link 模組	在 PRO/PBIII 選擇的 PLC 型式	註解
SYSMAC-C	C200HS SRM1-C02 CQM1-CPU11 CQM1-CPU42 CPM1-20CDR-A TPM1-20CDR-A CPM2A CQM1H-CPU21	CPU Direct Connection On CQM1-CIF01	OMRON SYSMAC-C series	參考 1-5 節
	CPM2C	CPU Direct Connection CPM2C-CIF01		
	CQM1H-CPU51 CQM1H-CPU61	CQM1H-SCB41		參考 1-6 節
	SYSMAC-	C200HX-CPU85-Z C200HX-CPU64 C200HE-CPU42 C200HG-CPU63 C200HG-CPU43		C200HW-COM06
C200HE-CPU42-Z		RS-232C Port on CPU unit		
C200HX-CPU64-Z		C200H-LK202-V1	參考 1-1 節	
		C200H-LK201-V1		

環境設定:

GP Setup		Upper Link Unit Setup	
Baud Rate	19200	Baud Rate	19200
Data Length	7 bits	Data Length	7 bits
Stop Bit	2 bit	Stop Bit	2 bit(fixed)
Parity Bit	Even	Parity setting even/odd	Even
Data Flow Control	ER Control	---	
Communication Format (RS-232C)	RS-232C	Computer Setup *1 (RS-232C)	RS-232C
Communication Format (RS-422)	4-Wire type	Computer Setup *1 (RS-422)	RS-422
---		Command Level *1	Level1,2,3 is Valid
---		Relation *1	1:N
---		DC +5 power supply *1	No
---		CTS Setup *1	Normally
		Mode Setup *2	Host Link
		Communication Conditions Setting Switch *3	OFF
		Communication Conditions Setting Switch *4	SW1:OFF SW2:ON
Unit No.	0	Station Number	0

*1 此設定不可用在 C200HS,CQM1,CPH2A 的 RS-232C.

*2 此設定用在 C200HS,CQM1 的 RS-232C..

*3 此設定用在 CPM2A 的 RS-232C.

*4 此設定用在 CPM2C 的 RS-232C.

1-1

LK201/202, LK201/202-V1

LK201/LK202 模組的 SW 如何調整,可與 GP 連線請參考下方:

- (1) SW1/SW2:設定站號 SW1×10,SW2×1(當與 GP 連接時設定 0).
 (2) SW3:設定通信 Baud Rate (當與 GP 連接時設定 6)

Switch	Baud Rate(bps)
0	300
1	600
2	1200
3	2400
4	4800
5	9600
6	19200

- (3) SW4:Command Level Setting (當與 GP 連接時設定 2)

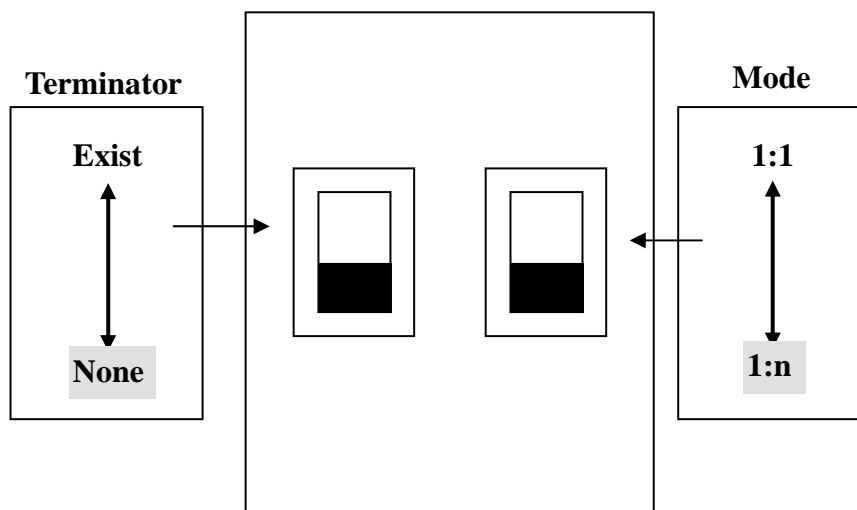
Switch	Command Level	Parity	Data Bit	Stop Bit
0	Level 1 available	even	ASCII 7bit	2 bits
1	Level 1, 2available			
2	Level 1,2,3 available			
3	Disable setting			
4	Level 1 available	odd	ASCII 7bit	2 bits
5	Level 1, 2available			
6	Level 1,2,3 available			
7	Disable setting			
8	Level 1 available	even	JIS 8bit	1 bit
9	Level 1, 2available			
A	Level 1,2,3 available			
B	Disable setting			
C	Level 1 available	odd	JIS 8bit	1 bit
D	Level 1, 2available			
E	Level 1,2,3 available			
F	Disable setting			

(4)DIP Switch 設定

(A)C200H-LK201-V1

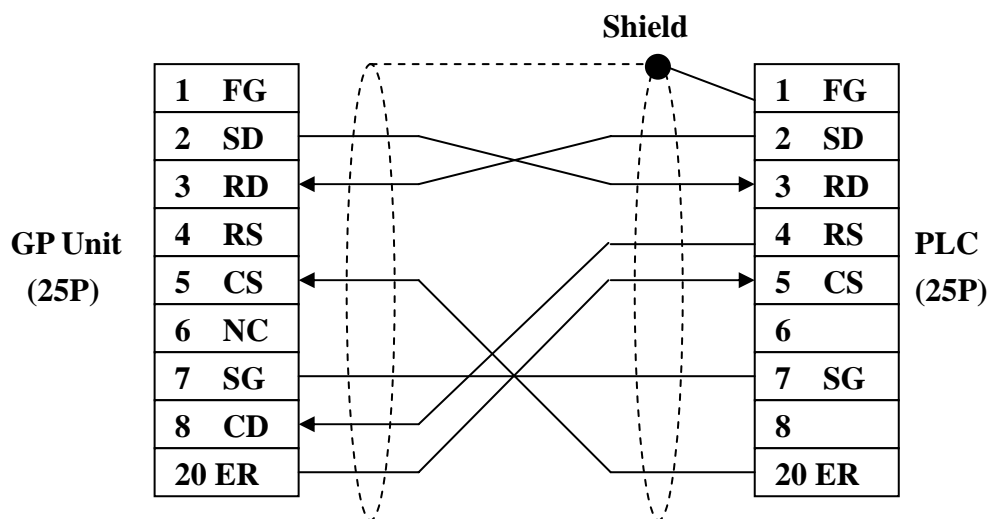
Switch No.	ON	OFF
1	OFF Fixed	
2	OFF Fixed	
3	1:N	1:1
4	5V Supply	None
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> <p>ON ←</p> <p>1 <input type="checkbox"/></p> <p>2 <input type="checkbox"/></p> <p>3 <input type="checkbox"/></p> <p>4 <input type="checkbox"/></p> </div> <div style="border: 1px solid black; padding: 5px; margin-right: 10px;"> <p>External</p> <p>↑</p> <p>↓</p> <p>0V(Always)</p> </div> </div>		
	----	----

(B)C200H-LK202-V1

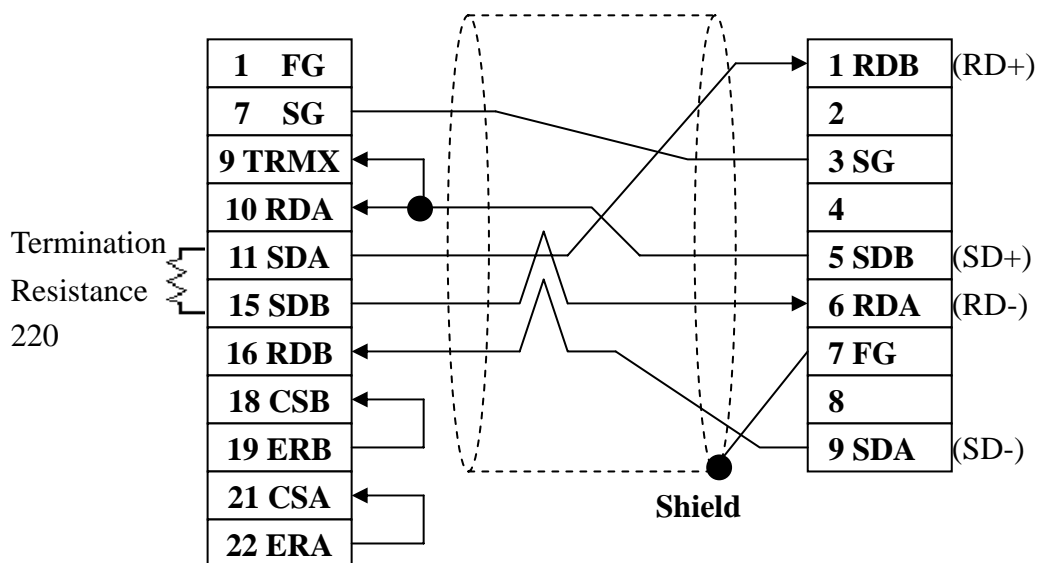


接線圖:

Cable Diagram 1(RS-232C/LK201)



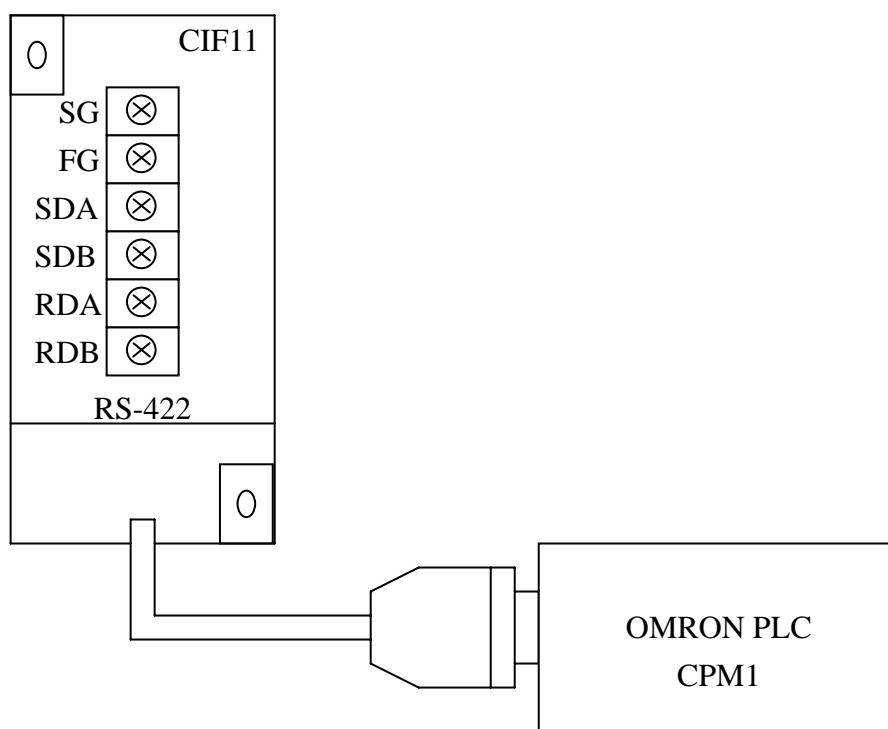
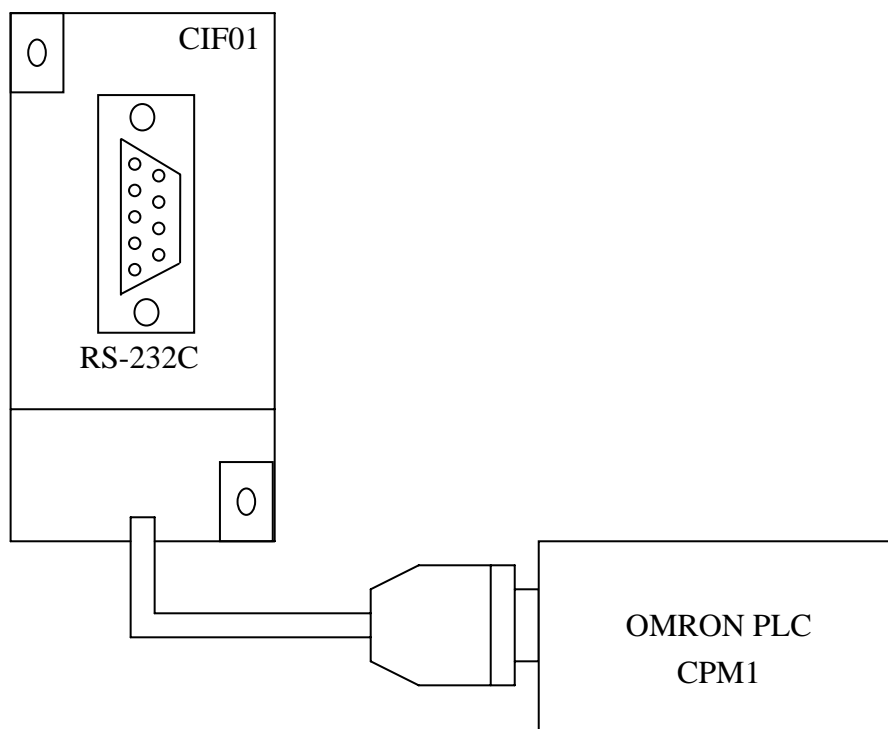
Cable Diagram 2(RS-422/LK202)



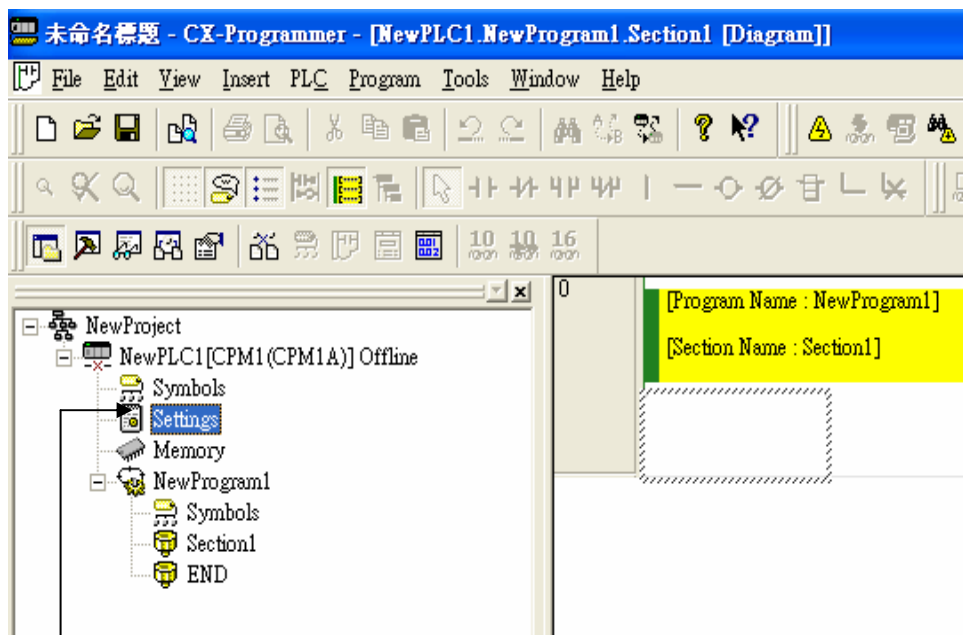
1-2

CPM1-CIF01, CPM1-CIF11

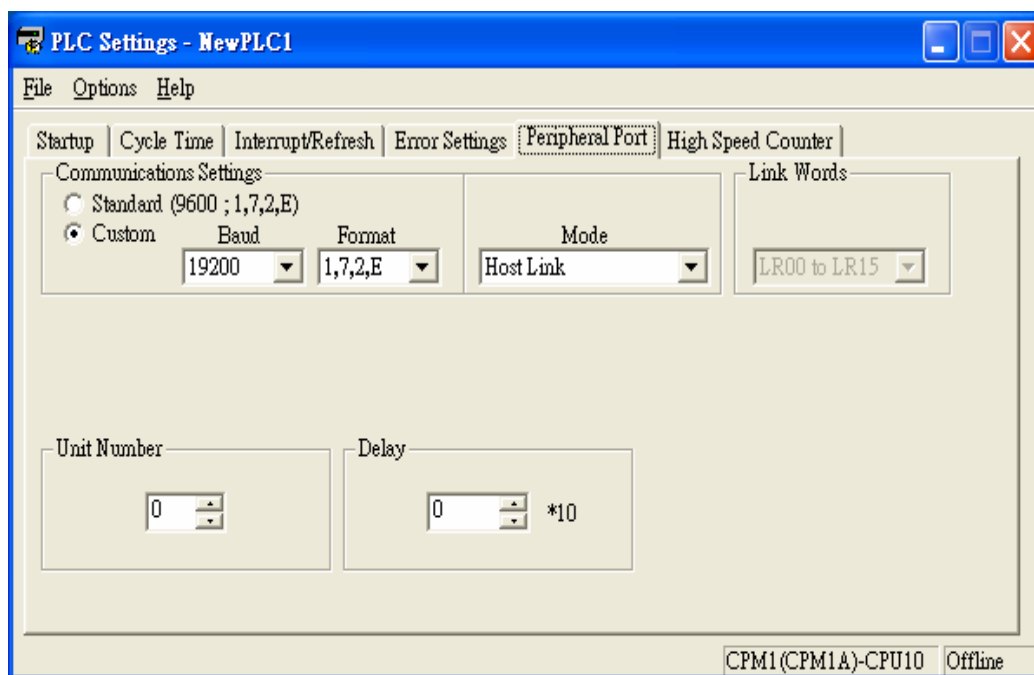
CIF01/CIF11 模組如何調整,可與 GP 連線請參考下方:



在 PLC 軟體設定:

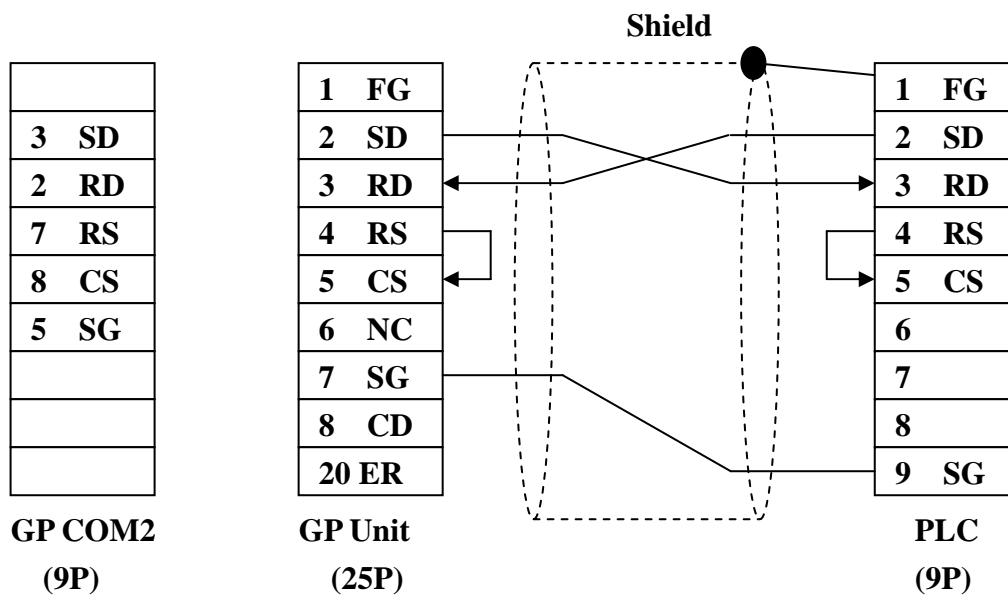


請用滑鼠連點兩下,進入 Settings

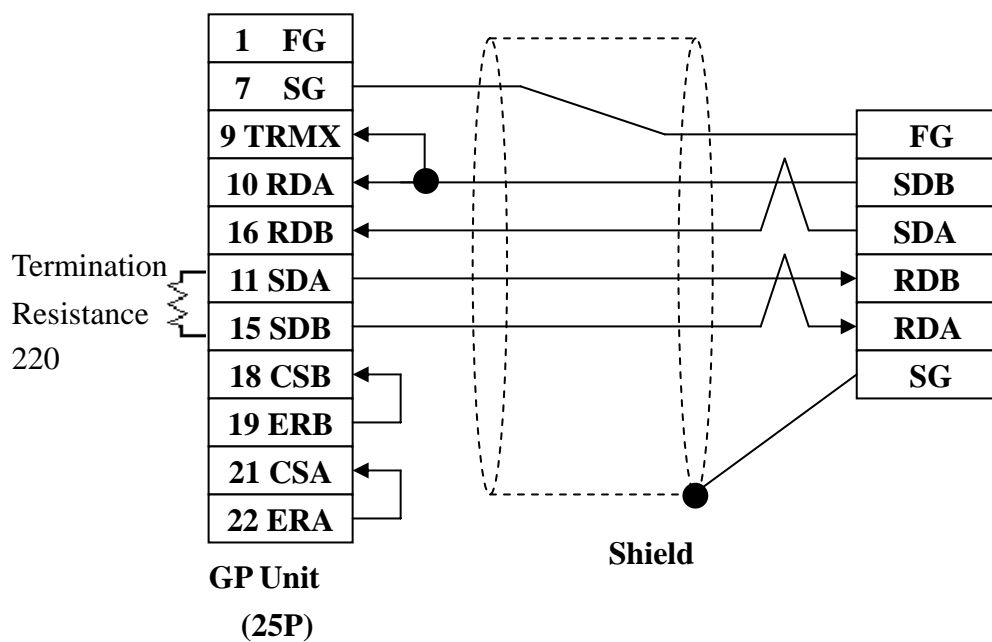


進入 Peripheral Port 設定,選擇 Custom
設定 19200,1,7,2,Even

Cable Diagram 1(RS-232C/CIF01)



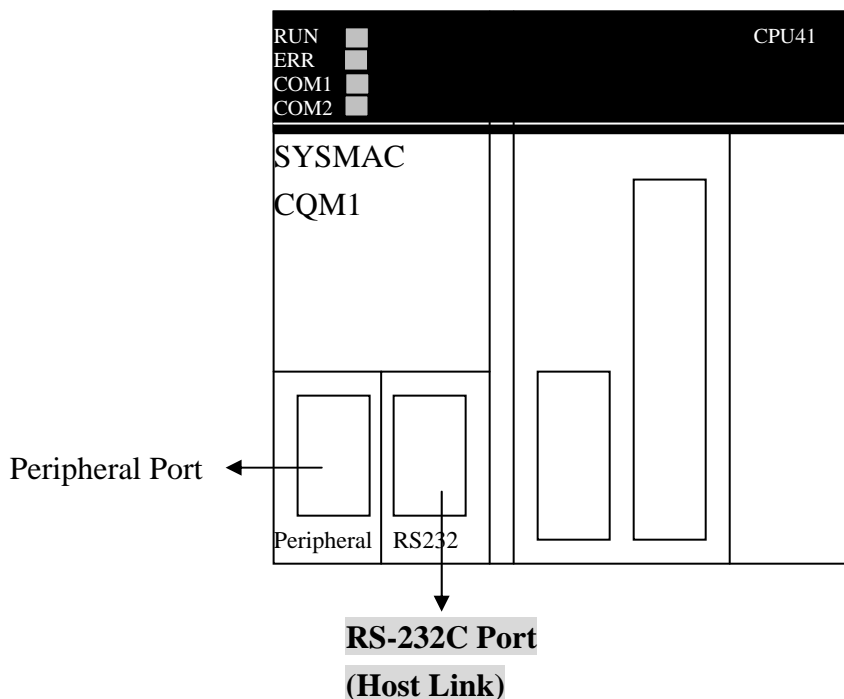
Cable Diagram 2(RS-422/ CIF11)



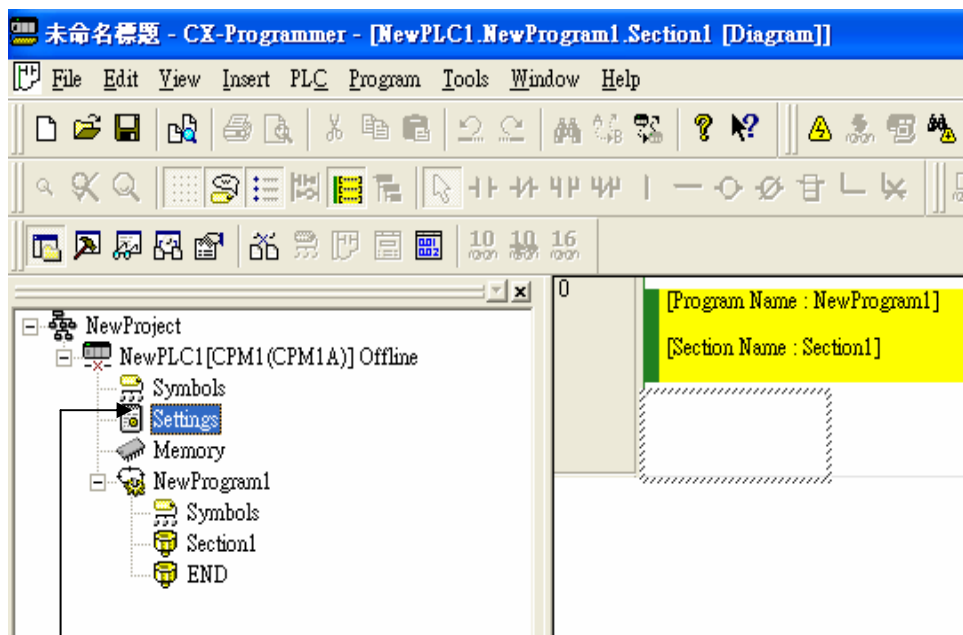
1-3 HOST LINK PORT(RS232C)連接

OMRON PLC 有所謂的 Peripheral Port 及 Host Link Port(RS232C)
我們可以利用 Host Link Port 的 RS-232C 介面與 GP 連接

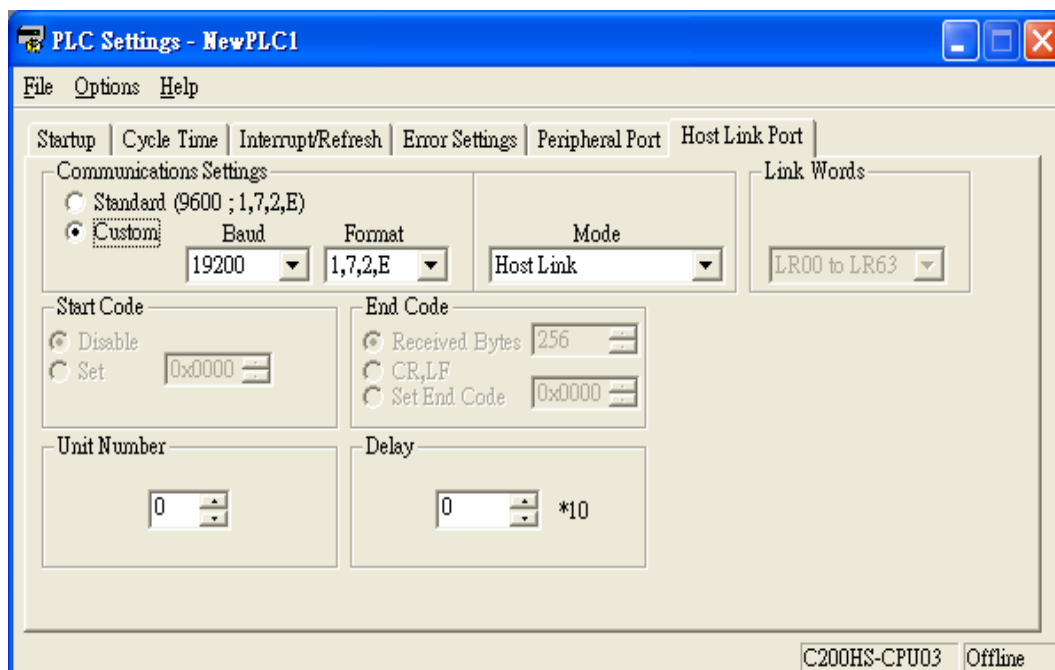
系列名	CPU	Link 模組	在 PRO/PBIII 選擇的 PLC 型式	註解
SYSMAC-C	C200HS CQM1-CPU42 CQM1H-CPU21 C200HX-CPU85-Z C200HX-CPU64 C200HE-CPU42 C200HG-CPU63 C200HG-CPU43 C200HE-CPU42-Z C200HX-CPU64-Z	Host Link on CPU (RS-232C Port)	OMRON SYSMAC-C series	



在 PLC 軟體設定:

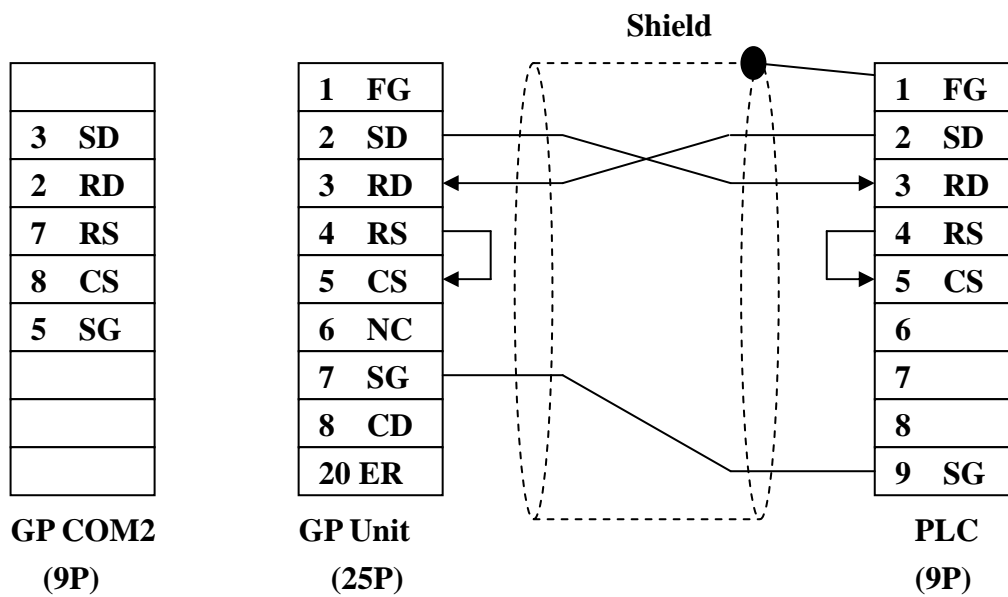


請用滑鼠連點兩下,進入 Settings



進入 Host Link Port 設定,選擇 Custom
設定 19200,1,7,2,Even

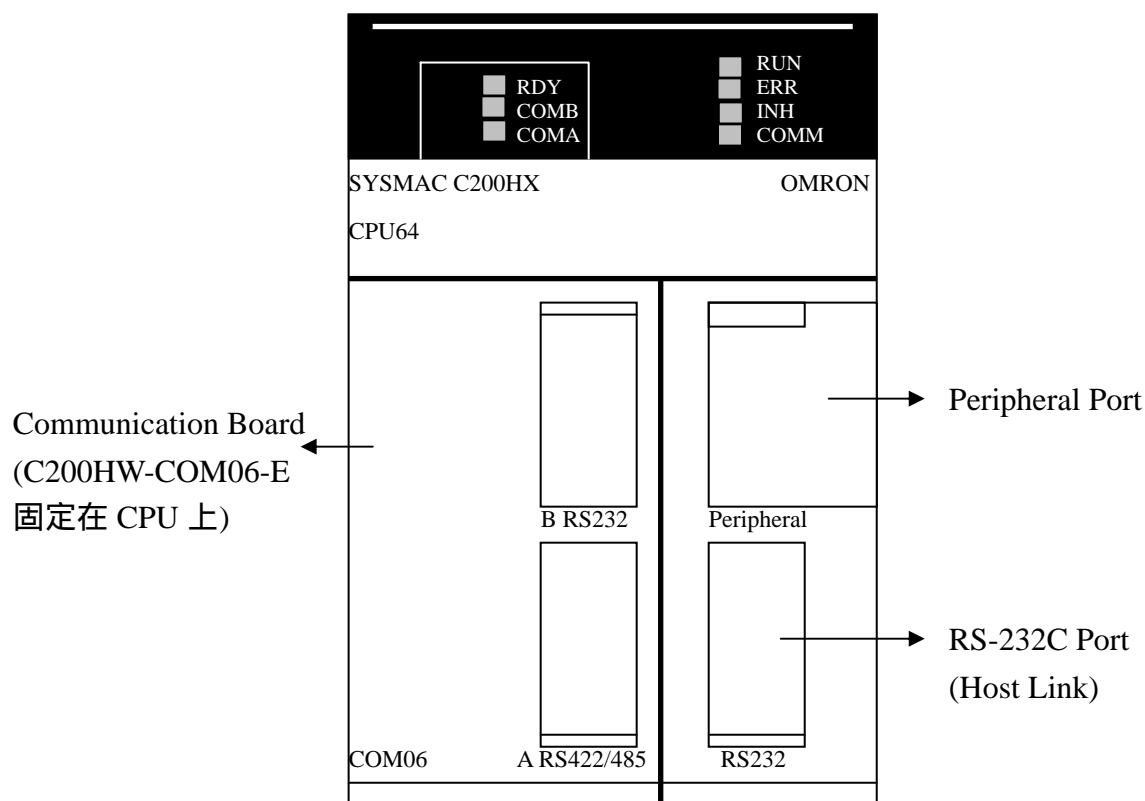
Cable Diagram 1(RS-232C)



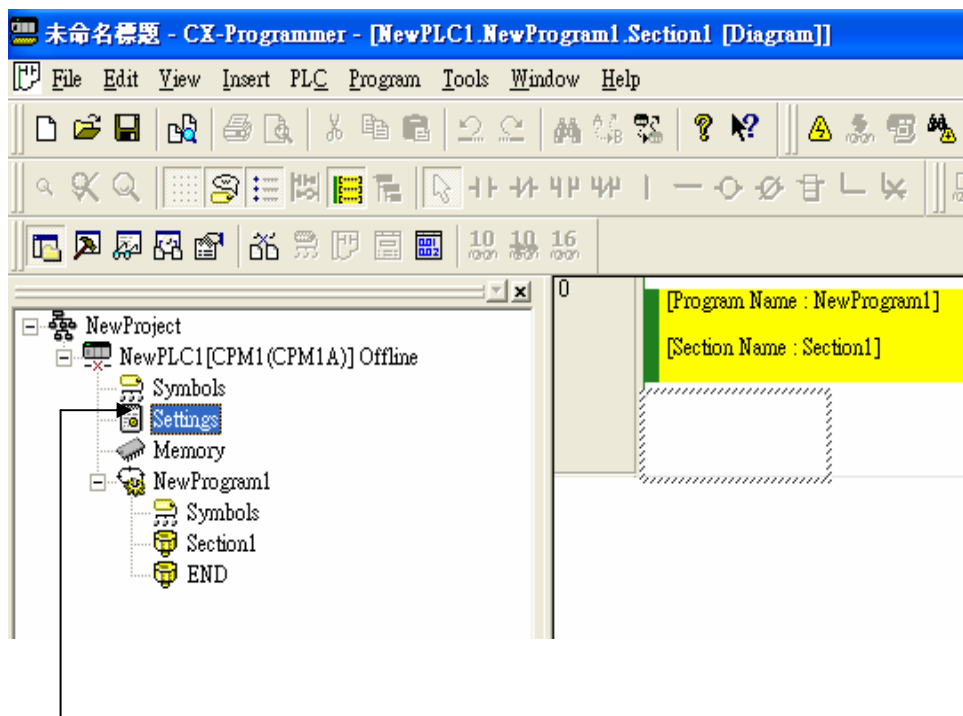
1-4 C200HW-COM06(Comms Board A,B)

OMRON PLC SYSMAC- 系列之 C200HW-COM06(有些 CPU 為內建),我們可以利用 C200HW-COM06 的 RS-232C(B) 或 RS422(A) 介面與 GP 連接

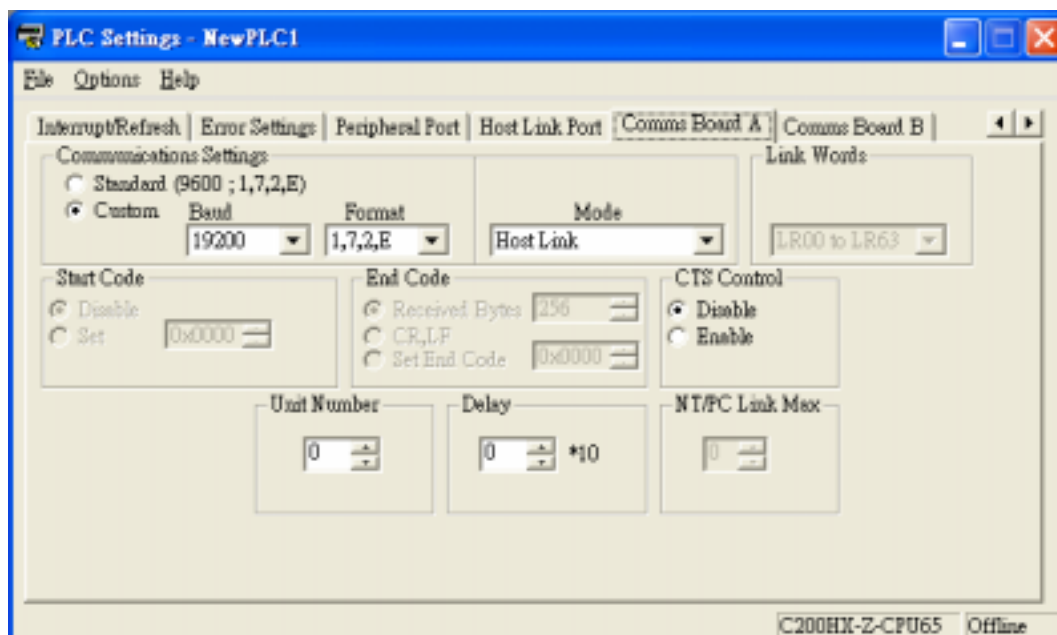
系列名	CPU	Link 模組	在 PRO/PBIII 選擇的 PLC 型式	註解
SYSMAC-	C200HX-CPU85-Z C200HX-CPU64-Z C200HX-CPU64 C200HG-CPU43 C200HG-CPU63 C200HE-CPU42 C200HE-CPU42-Z	C200HW-COM06	OMRON SYSMAC-C series	RS422 只 支援 4 線 模式



在 PLC 軟體設定:

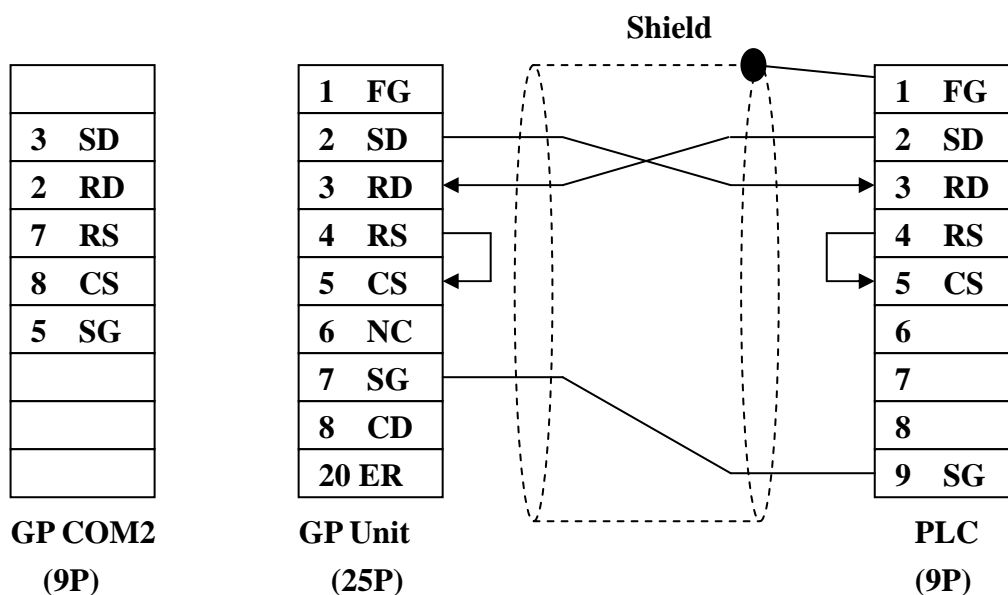


請用滑鼠連點兩下,進入 Settings

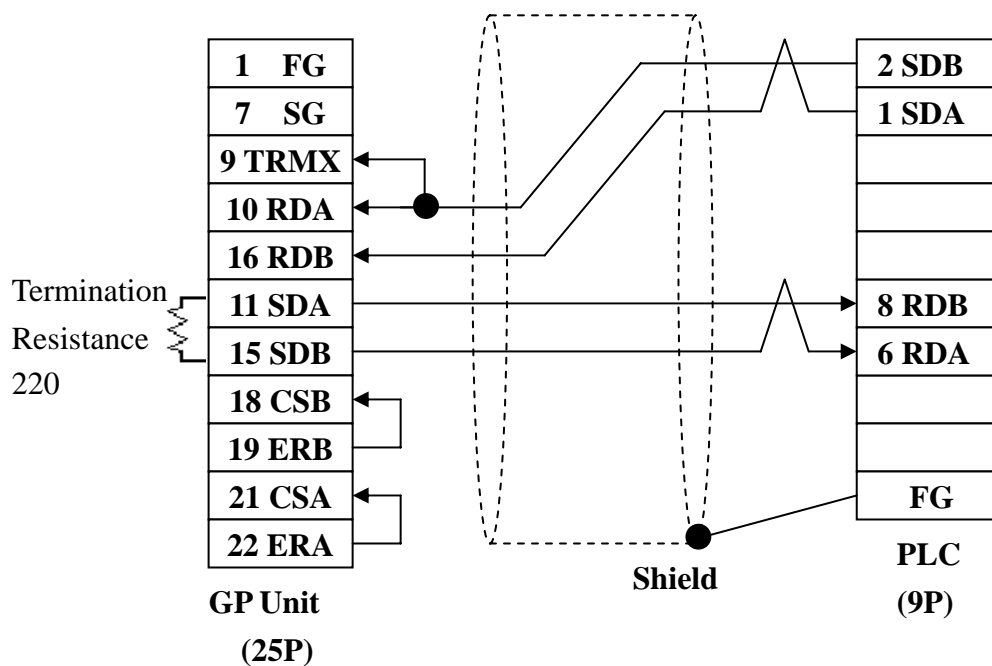


進入 Comms Board A,B 設定,選擇 Custom
設定 19200,1,7,2,Even

Cable Diagram 1(Comms Board B_RS-232C)



Cable Diagram 2(Comms Board A_RS422)



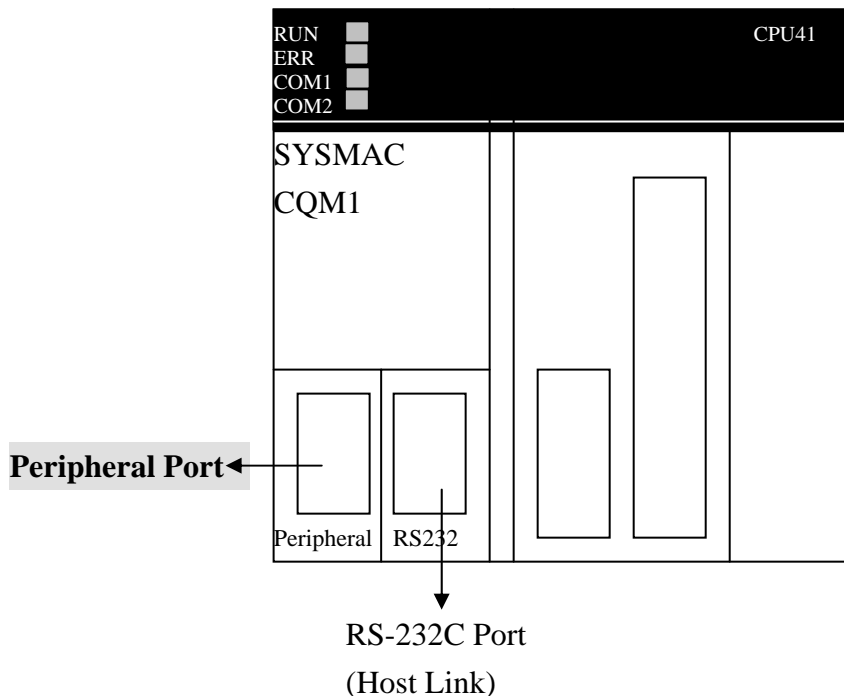
RS422 只支援 4 線模式

1-5

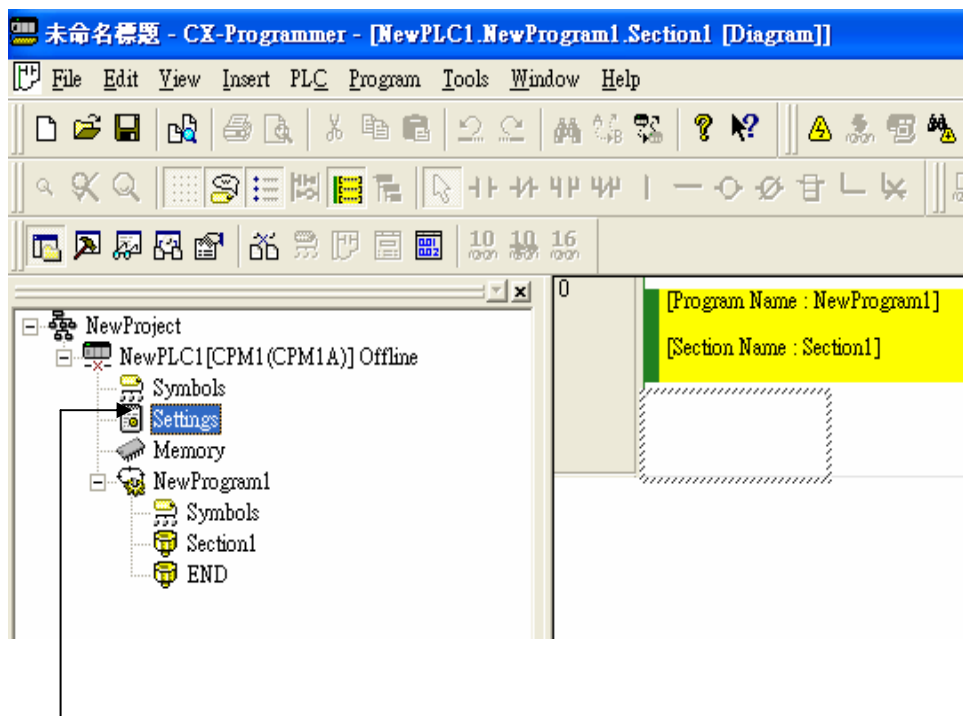
Peripheral PORT 連接

OMRON PLC 有所謂的 Peripheral Port 及 Host Link Port(RS232C)
我們可以利用 Peripheral Port 的介面透過 OMRON 程式傳輸線與 GP 連接

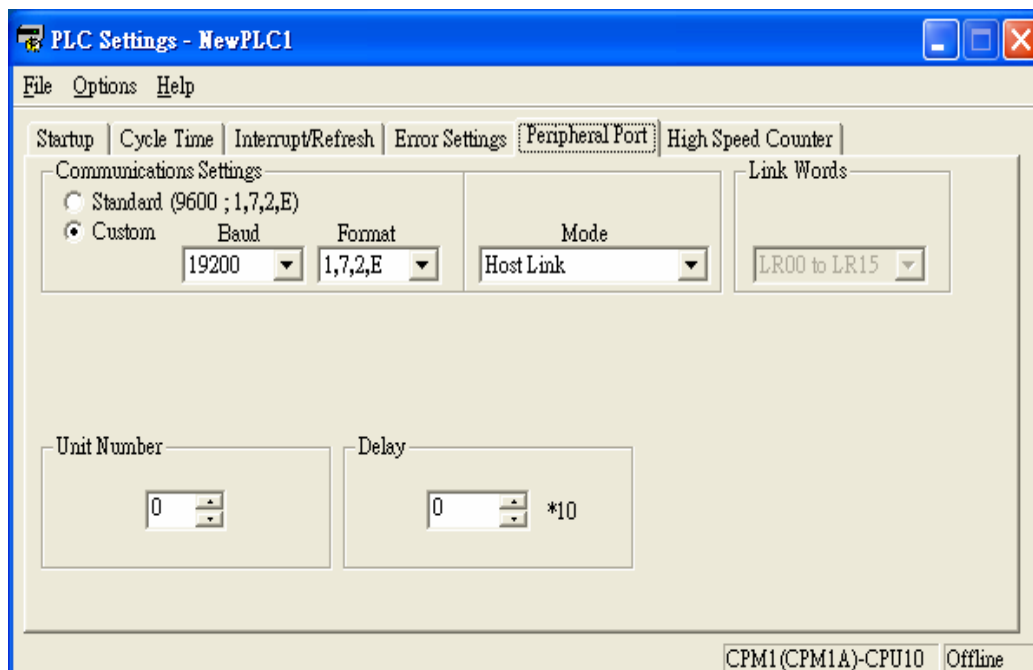
系列名	CPU	Cables	在 PRO/PBIII 選擇的 PLC 型式	註解
SYSMAC-C	C200HS SRM1-C02 CQM1-CPU11 CQM1-CPU42 CPM1-20CDR-A TPM1 CQM1H-CPU21 CPM2C*2	OMRON 程式傳輸線 CQM1-CIF01 或 CQM1-CIF02	OMRON SYSMAC-C series	



在 PLC 軟體設定:

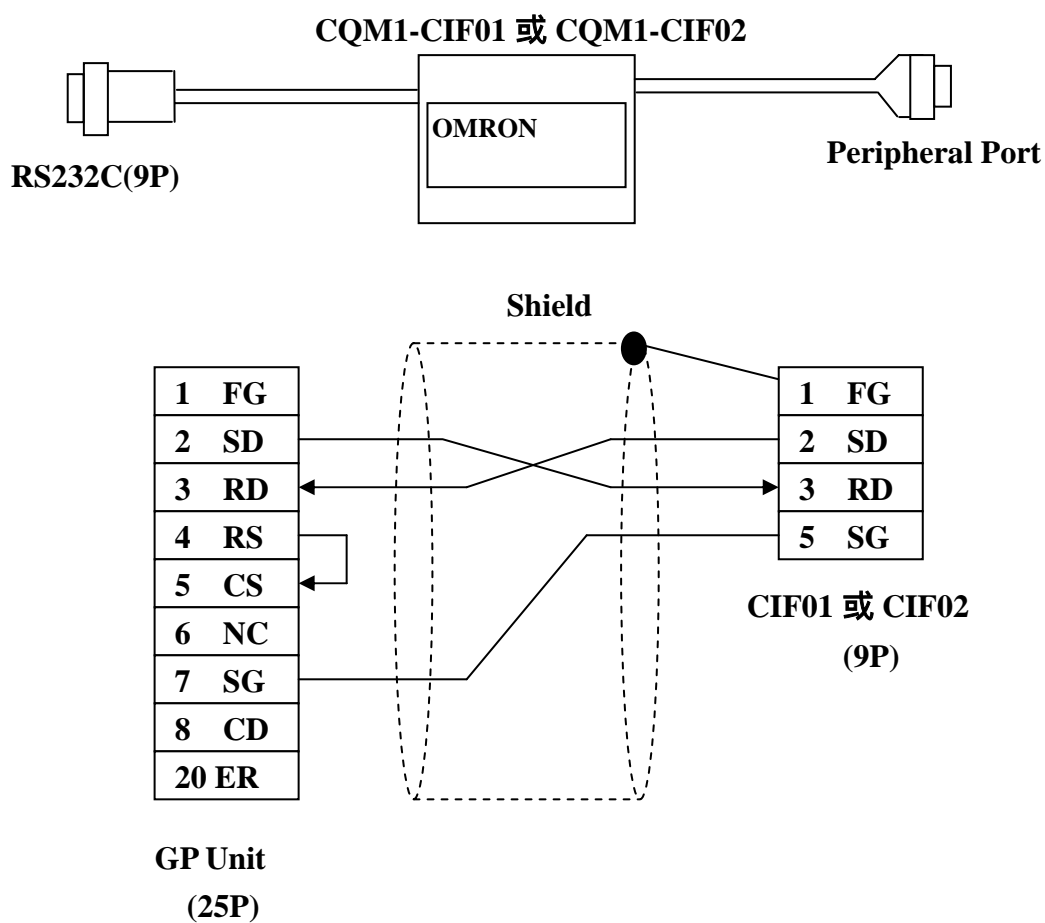


請用滑鼠連點兩下,進入 Settings



進入 Host Link Port 設定,選擇 Custom
設定 19200,1,7,2,Even

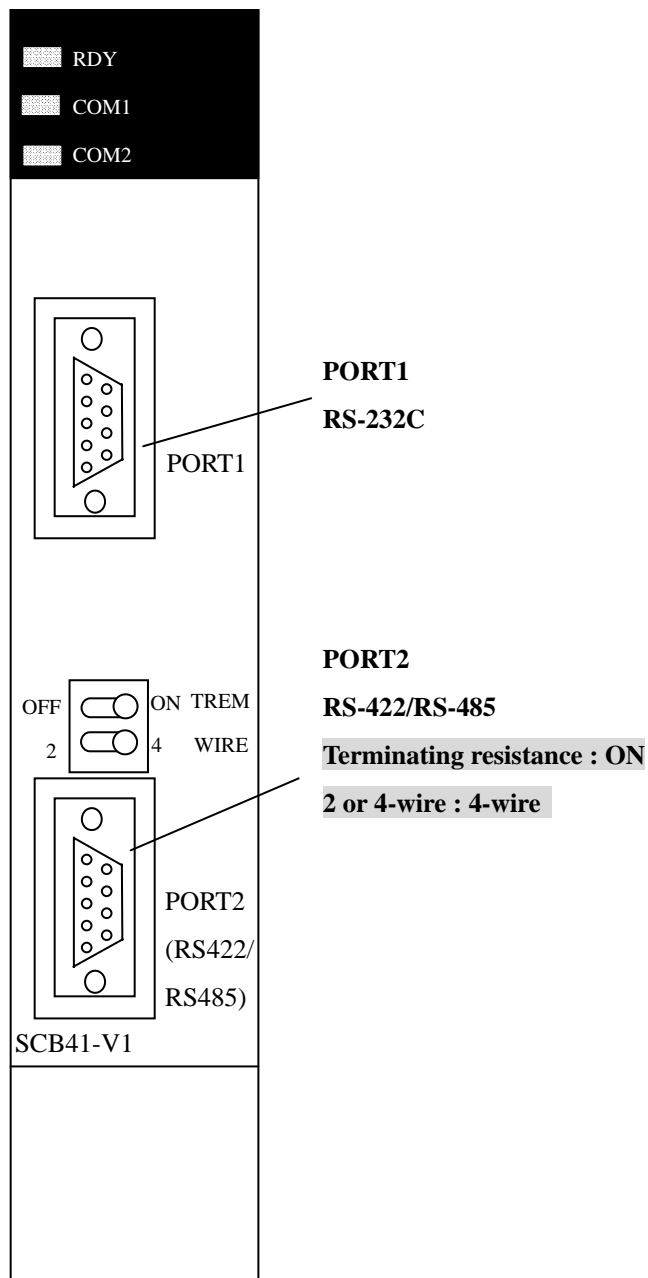
Cable Diagram 1(RS-232C)



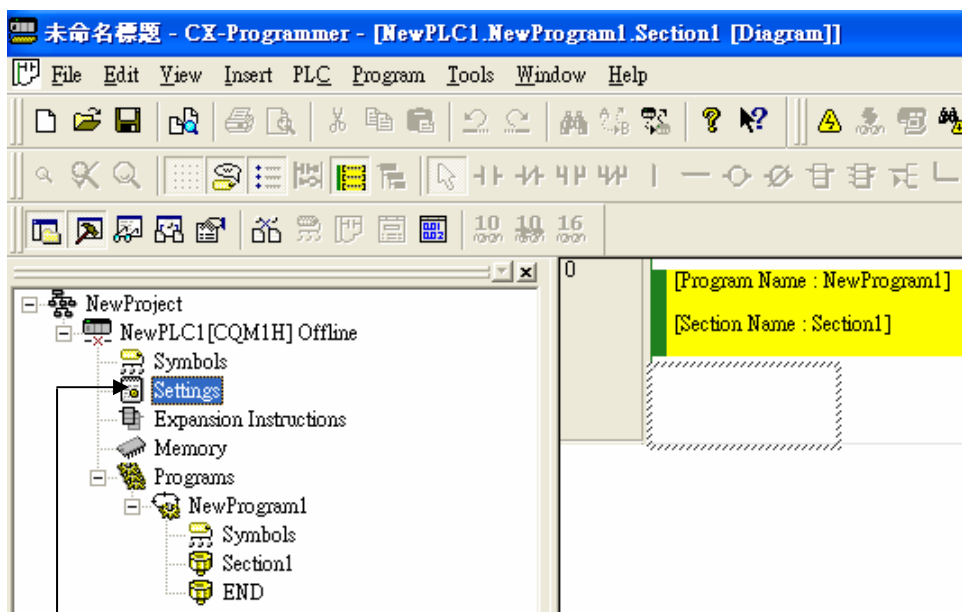
*直接將 OMRON PLC 程式傳輸線連接至 GP COM2 PORT 即可通訊.

1-6 **CQM1H-SCB41**

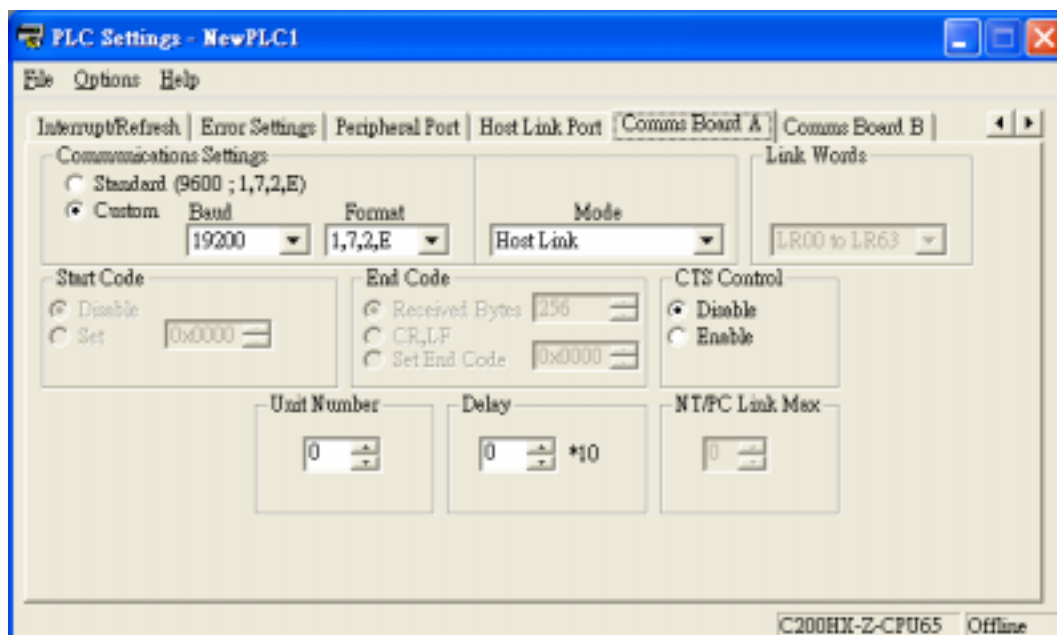
CQM1H-SCB41 為 CQM1H CPU 模組上的介面 (Inner Board Slot)



在 PLC 軟體設定:

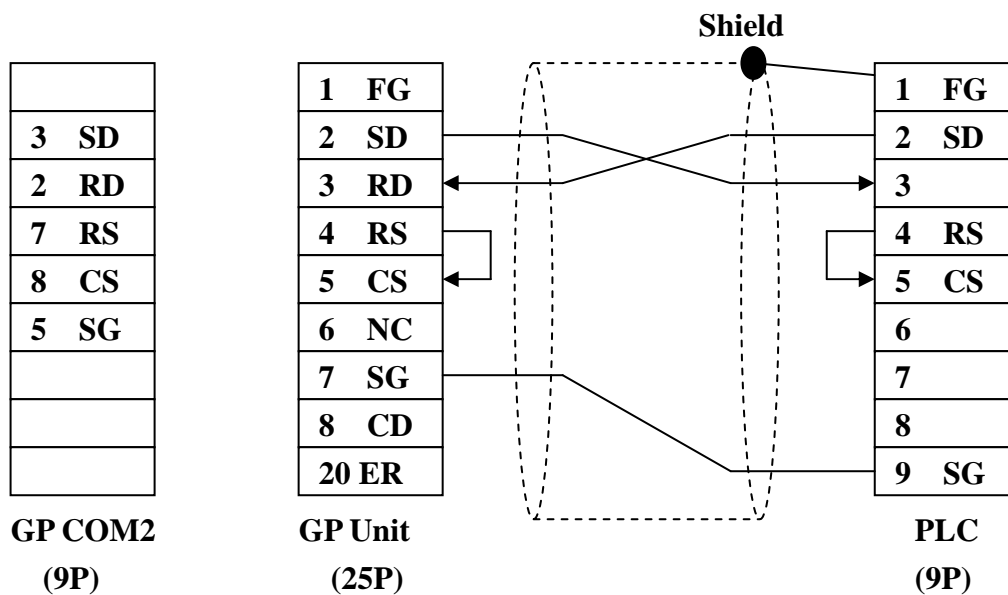


請用滑鼠連點兩下,進入 Settings

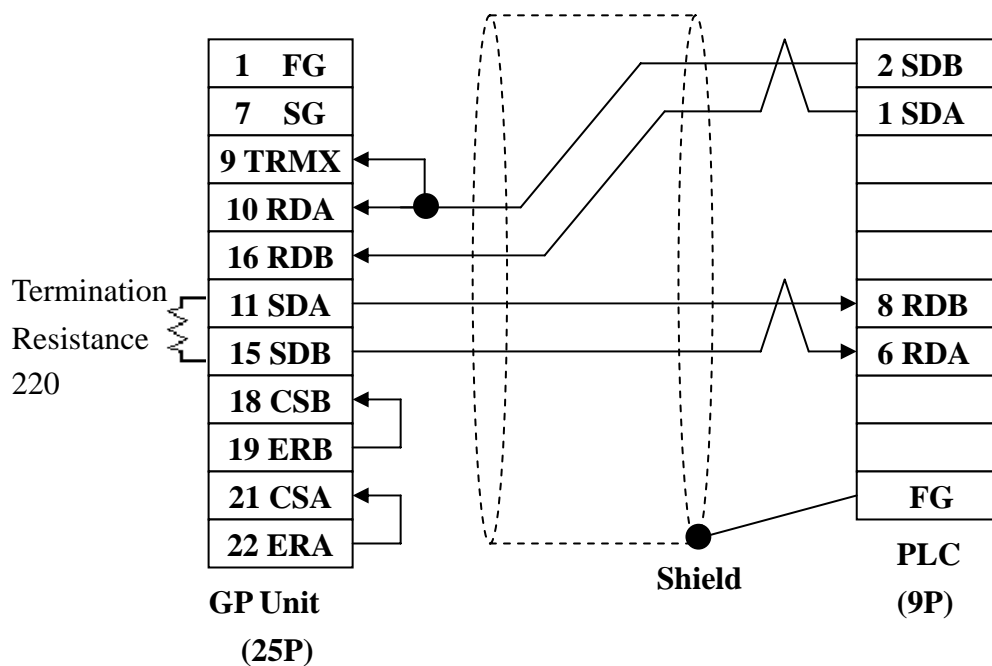


進入 Comms Board A,B 設定,選擇 Custom
設定 19200,1,7,2,Even

Cable Diagram 1(Comms Board B_RS-232C)



Cable Diagram 2(Comms Board A_RS422)



RS422 只支援 4 線模式

OMRON-CV Series

在 GP-PRO/PB3 for Windows 選擇 PLC 型式為 OMRON

SYSMAC-CV Series 時要如何設定呢?請參考下方

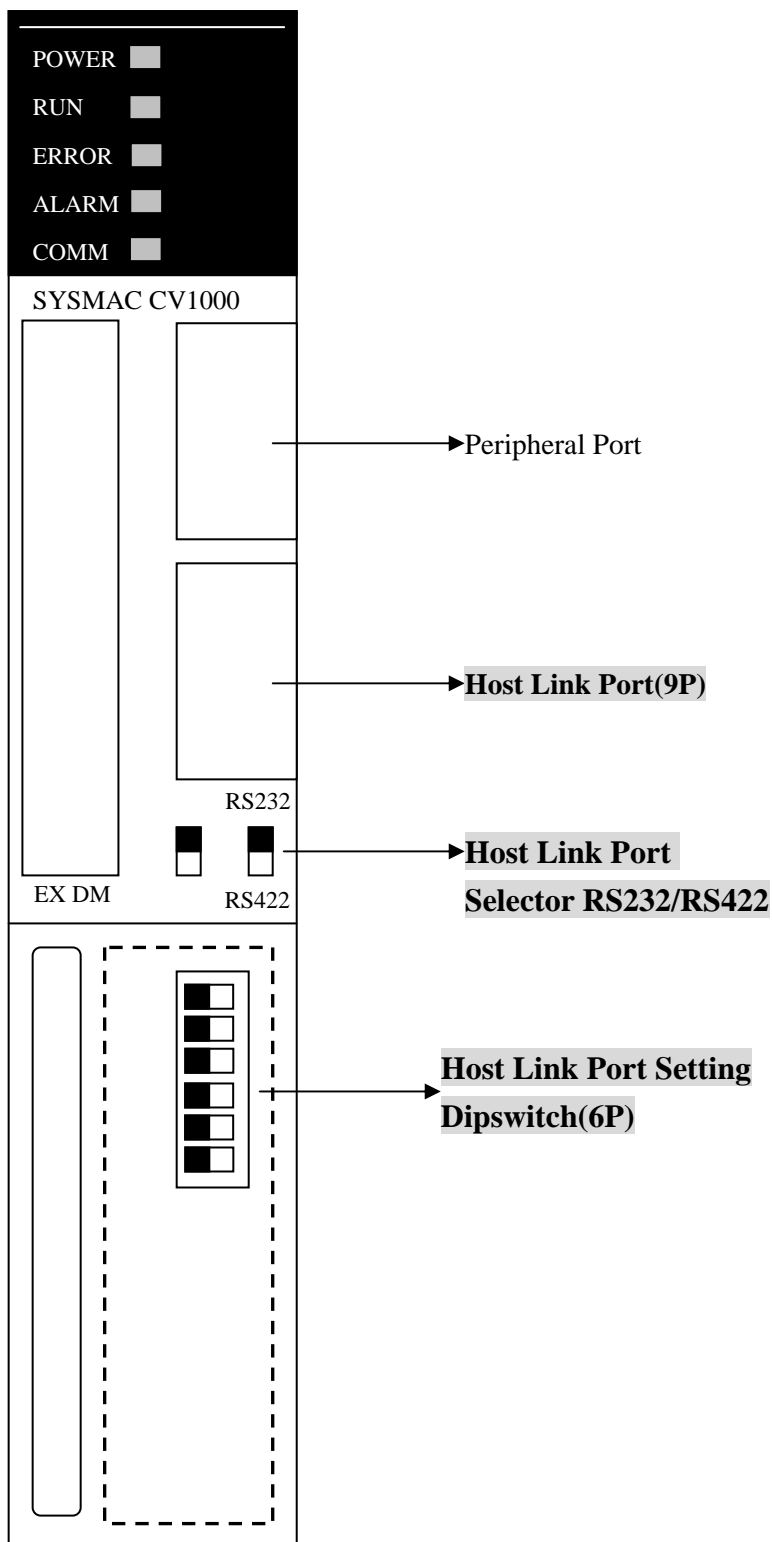
系列名	CPU	Link 模組	在 PRO/PBIII 選擇的 PLC 型式	註解
SYSMAC-CV	CV500	CV500-LK201	OMRON SYSMAC-CV series	參考 2.1 節
	CV1000 CVM1	CPU unit Link I/F		

環境設定:

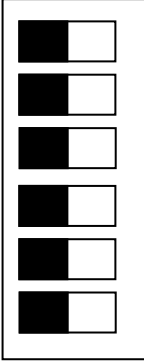
GP Setup		Upper Link Unit Setup	
Baud Rate	19200	Baud Rate	19200
Data Length	7 bits	Data Length	7 bits
Stop Bit	2 bit	Stop Bit	2 bit(fixed)
Parity Bit	Even	Parity setting even/odd	Even
Data Flow Control	ER Control	---	
Communication Format (RS-232C)	RS-232C	Computer Setup (RS-232C)	RS-232C
Communication Format (RS-422)	4-Wire type	Computer Setup (RS-422)	RS-422
Unit No.	0	Station Number	0

2-1 HOST LINK PORT

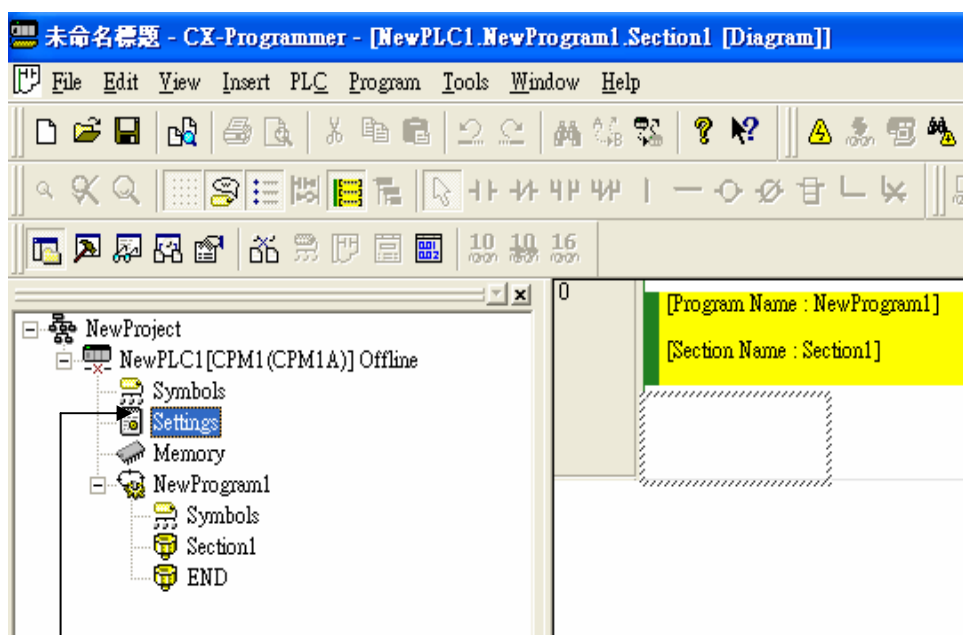
OMRON PLC 有所謂的 Peripheral Port 及 Host Link Port(RS232C)
我們可以利用 Host Link Port 的 RS-232C/RS422 介面與 GP 連接



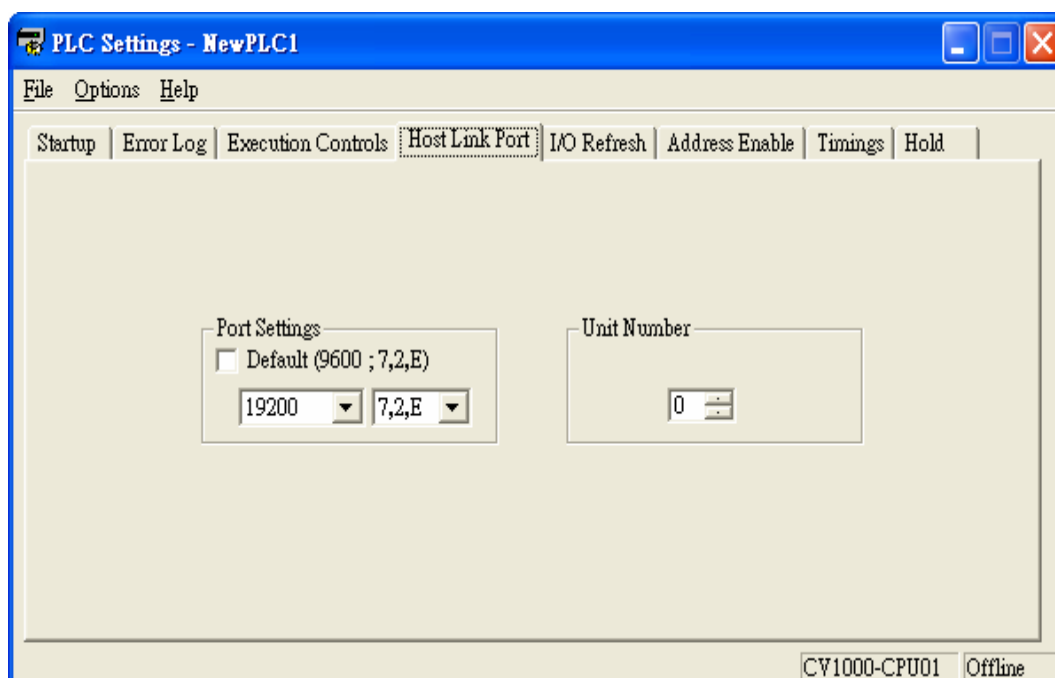
(1)Dip Switch Setting:

外觀	Pin	功能																		
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">Pin 6</div>  <div style="margin-top: 10px;">Pin 1</div> </div>	6	ON	Connects termination resistance for RS-422.																	
		OFF	Disconnects termination resistance for RS-422.																	
	5	ON	No Used																	
		OFF	No Used																	
	4	ON	可與 PC RS232 Port 連接 Sets the following communications parameters: Baud rate: 9,600 bps Unit number: 0 Parity: Even Data length: 7 bits Stop bits:2																	
		OFF	通訊參數要以軟體設定 Sets communications parameters from the PC Setup.																	
	3	ON	Enables connection to PT via host link connector.																	
		OFF	Enable connection to host link via host link connector.																	
	2	針對 Peripheral Port 的通訊設定																		
		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Pin 1</th> <th>Pin 2</th> <th>Baud rate</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>50,000 bps</td> </tr> <tr> <td>1</td> <td>0</td> <td>19,200 bps</td> </tr> <tr> <td>0</td> <td>1</td> <td>9,600 bps</td> </tr> <tr> <td>1</td> <td>1</td> <td>4,800 bps</td> </tr> </tbody> </table>			Pin 1	Pin 2	Baud rate	0	0	50,000 bps	1	0	19,200 bps	0	1	9,600 bps	1	1	4,800 bps	
		Pin 1	Pin 2	Baud rate																
		0	0	50,000 bps																
1		0	19,200 bps																	
0	1	9,600 bps																		
1	1	4,800 bps																		
1																				

(2)在 PLC 軟體設定:

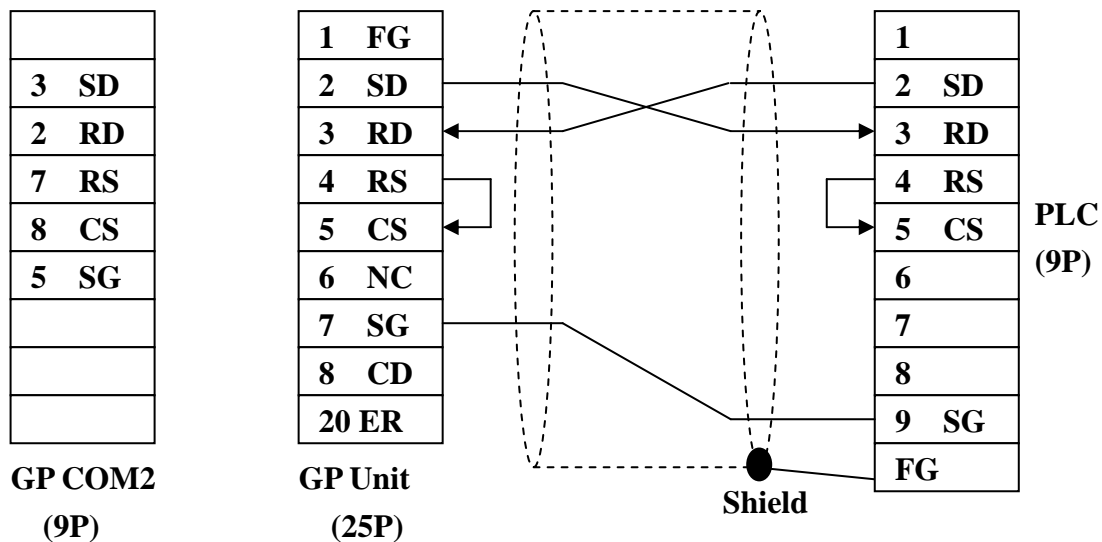


請用滑鼠連點兩下,進入 Settings

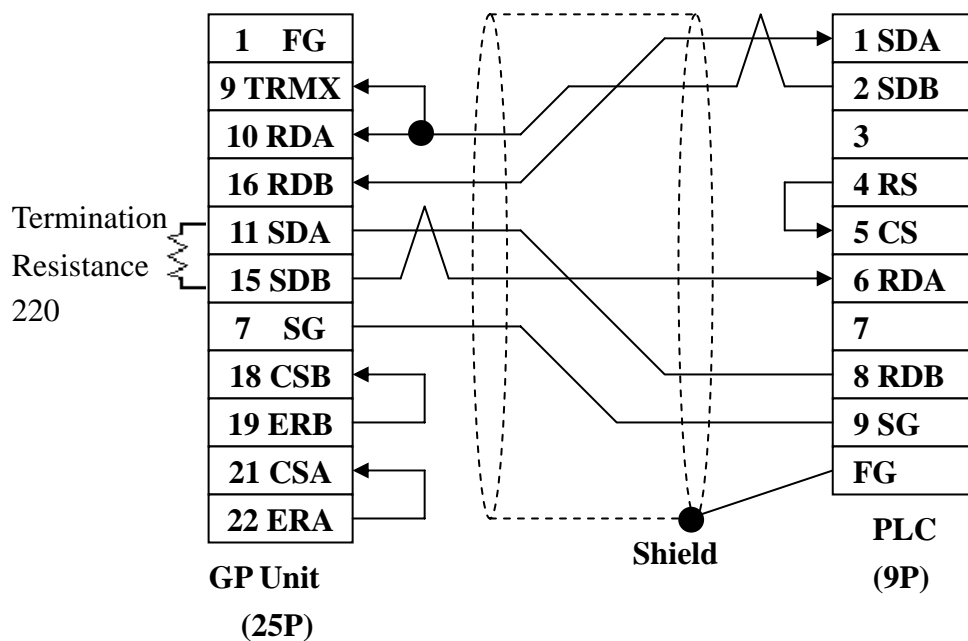


進入 Host Link Port 設定,選擇 Custom
設定 19200,1,7,2,Even

Cable Diagram 1(RS-232C)



Cable Diagram 2(RS-422)



在 GP-PRO/PB3 for Windows 選擇 PLC 型式為 OMRON

SYSMAC-CS1 Series 時要如何設定呢?請參考下方

系列名	CPU	Link 模組	在 PRO/PBIII 選擇的 PLC 型式	註解
SYSMAC-CS1	CS1H-CPU67	RS-232C Port on CPU unit	OMRON SYSMAC- CS1 series	參考 3-1 節
	CS1H-CPU66			
	CS1H-CPU65			
	CS1H-CPU64			
	CS1H-CPU63	Peripheral port CPU unit		參考 3-2 節
	CS1G-CPU45			
	CS1G-CPU44			
	CS1G-CPU43			
	CS1G-CPU42			
	CS1H-CPU67H			
	CS1H-CPU66H			
	CS1H-CPU65H			
	CS1H-CPU64H			
	CS1H-CPU63H			
	CS1G-CPU45H			
CS1G-CPU44H				
CS1G-CPU43H				
CS1G-CPU42H	CS1W-SCB21 CS1W-SCB41 CS1W-SCU21		參考 3-3 及 3-4 節	

系列名	CPU	Link 模組	在 PRO/PBIII 選擇的 PLC 型式	註解
SYSMAC-CJ	CJ1G-CPU44 CJ1G-CPU45 CJ1G-CPU42H CJ1G-CPU43H CJ1G-CPU44H CJ1G-CPU45H	Peripheral port CPU unit	OMRON SYSMAC- CS1 series	參考 3-2 節
		RS-232C Port on CPU unit		參考 3-1 節
		CJ1W-SCU41		參考 3-5 節
SYSMAC- CJ1M	CJ1M-CPU12 CJ1M-CPU13 CJ1M-CPU22 CJ1M-CPU23	Peripheral port CPU unit		參考 3-2 節
		RS-232C Port on CPU unit		參考 3-1 節
		CJ1W-SCU41		參考 3-5 節

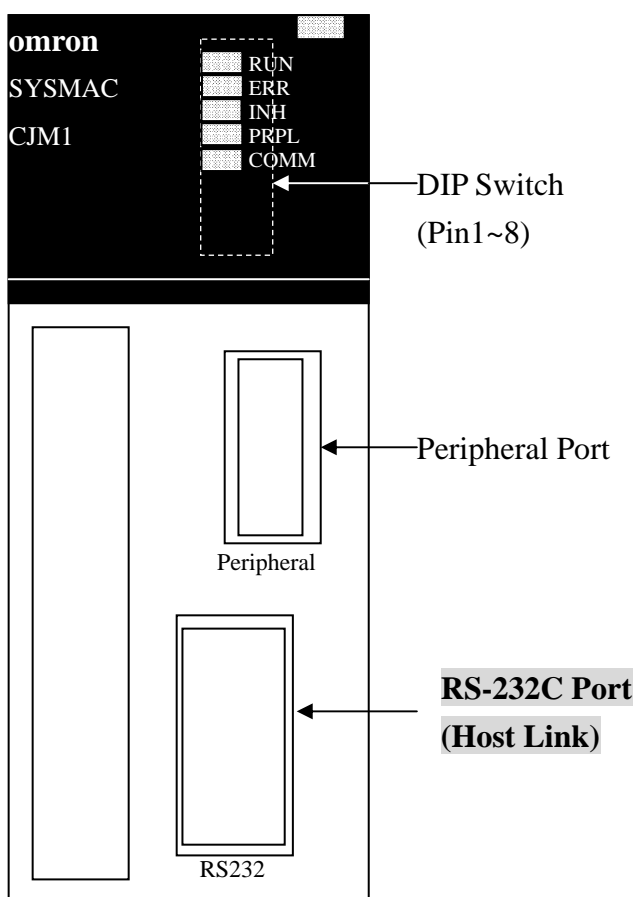
環境設定:

GP Setup		Upper Link Unit Setup	
Baud Rate	115200	Baud Rate	115200
Data Length	7 bits	Data Length	7 bits
Stop Bit	2 bit	Stop Bit	2 bit(fixed)
Parity Bit	Even	Parity setting even/odd	Even
Data Flow Control	ER Control	---	
Communication Format (RS-232C)	RS-232C	---	
Communication Format (RS-422)	4-Wire type	WIRE(2-wire/4-wiretype switch)	4-wire type
Unit No.	0	Station Number	0
---		TERM(Termination Resistance Switch)	Termination Resistance ON
---		Serial Communication mode	Host Link
---		Communication Delay Time	0
---		CTS Control	None

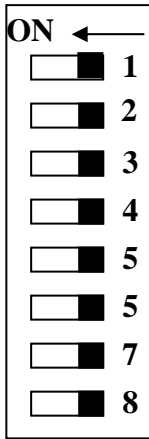
3-1

HOST LINK PORT 連接

OMRON PLC 有所謂的 Peripheral Port 及 Host Link Port(RS232C)
我們可以利用 Host Link Port 的 RS-232C 介面與 GP 連接



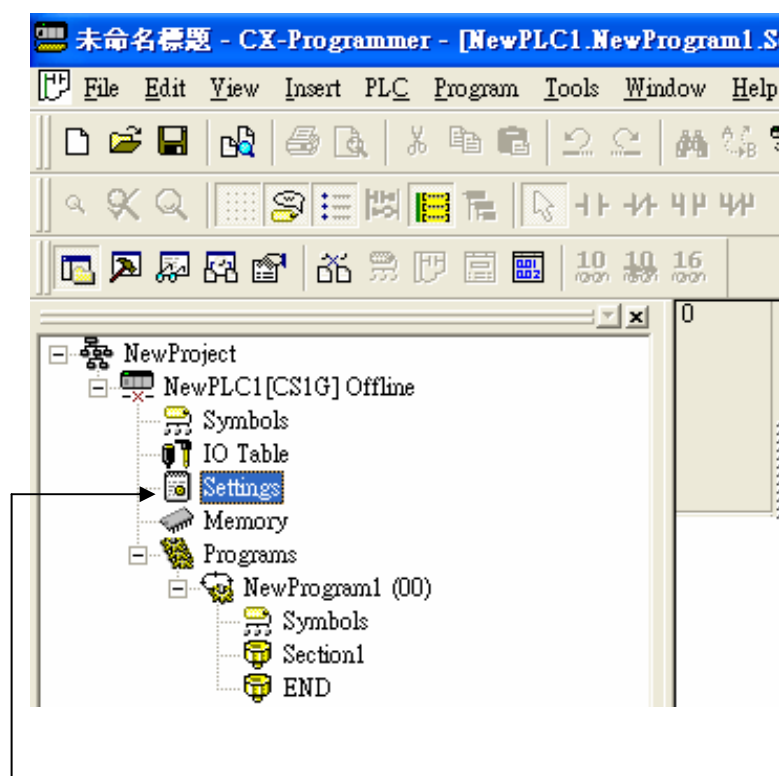
(1)DIP Switch 設定:

外觀	PIN No.	Setting	功能	預設值
 <p>ON ←</p> <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>5</p> <p>7</p> <p>8</p>	1	ON	Writing disable for user program memory	OFF
		OFF	Writing enable for user program memory	
	2	ON	The user program is auto transferred when Power is turned ON.	OFF
		OFF	The user program is not auto transferred when Power is turned ON.	
	3	----	Not used	OFF
	4	ON	Use peripheral port communications parameters set in the PLC Setup.	OFF
		OFF	Use default peripheral port communications parameters.	
	5	ON	Use default RS-232C port communications parameters.	OFF
		OFF	Use RS-232C port communications parameters set in the PLC Setup.	
	6	ON	User-defined pin. Turns ON the User DIP Switch Pin Flag (A39512).	OFF
		OFF	User-defined pin. Turns OFF the User DIP Switch Pin Flag (A39512).	
	7	ON	Memory Card or restoring data Function from the Memory Card to the CPU Unit.	OFF
		OFF	Verifying contents of Memory Card.	
	8	OFF	Always OFF	OFF

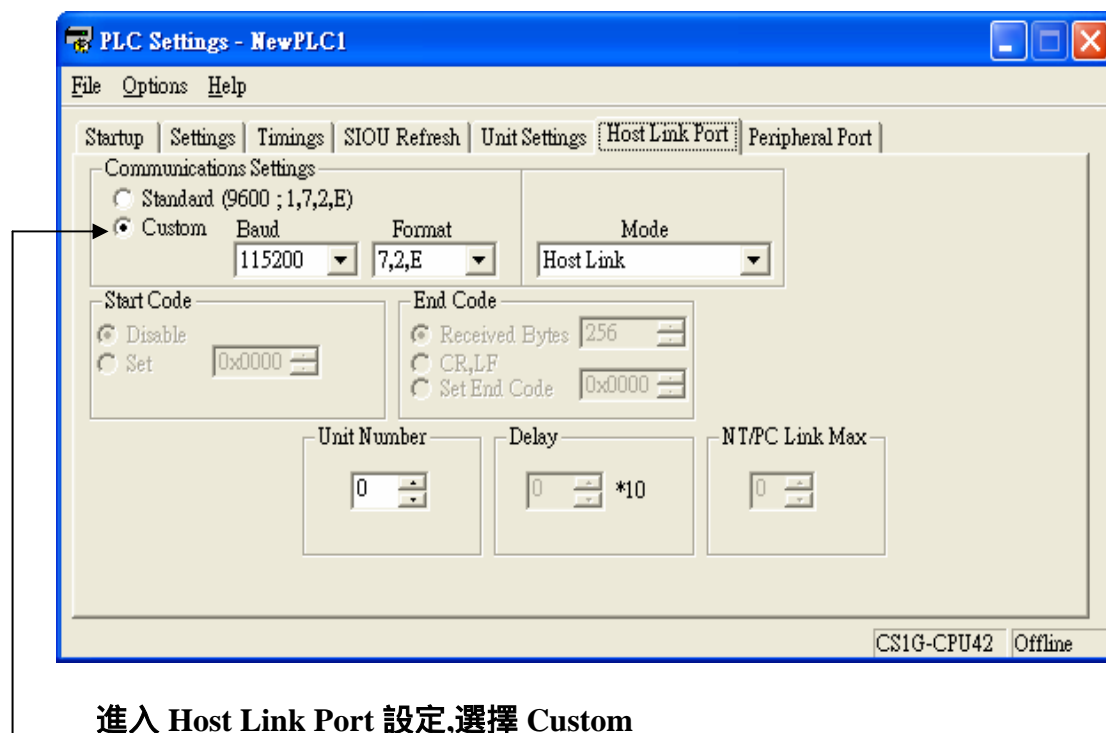
***只需調整 DIP Switch PIN 1,5,7,8 GP 與 Host Link**

Port(RS-232C)就可連接其他 DIP Switch PIN 請自行調整.

(2)在 PLC 軟體設定:

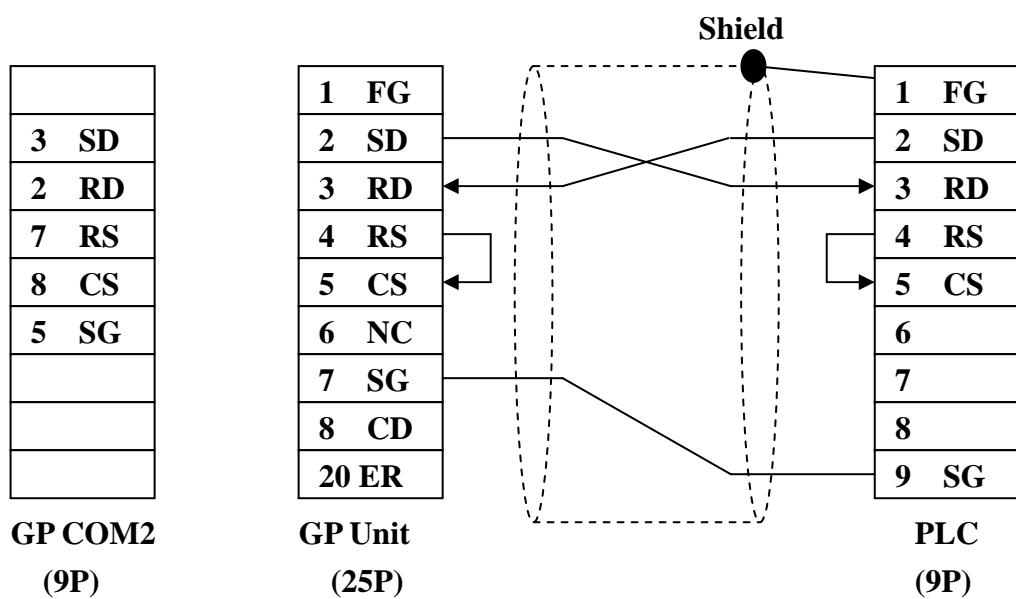


請用滑鼠連點兩下,進入 Settings



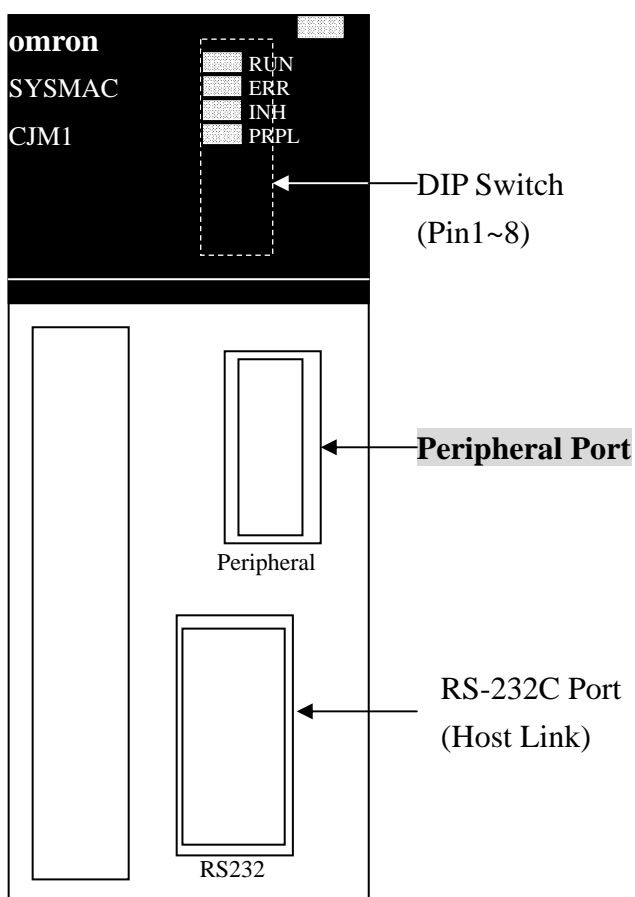
進入 Host Link Port 設定,選擇 Custom
設定 115200,1,7,2,Even

Cable Diagram 1(RS-232C)

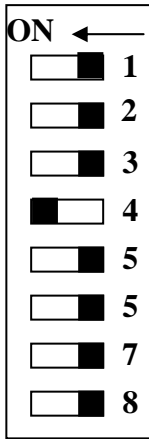


3-2 Peripheral PORT 連接

OMRON PLC 有所謂的 Peripheral Port 及 Host Link Port(RS232C)
我們可以利用 Peripheral Port 的介面與 GP 連接

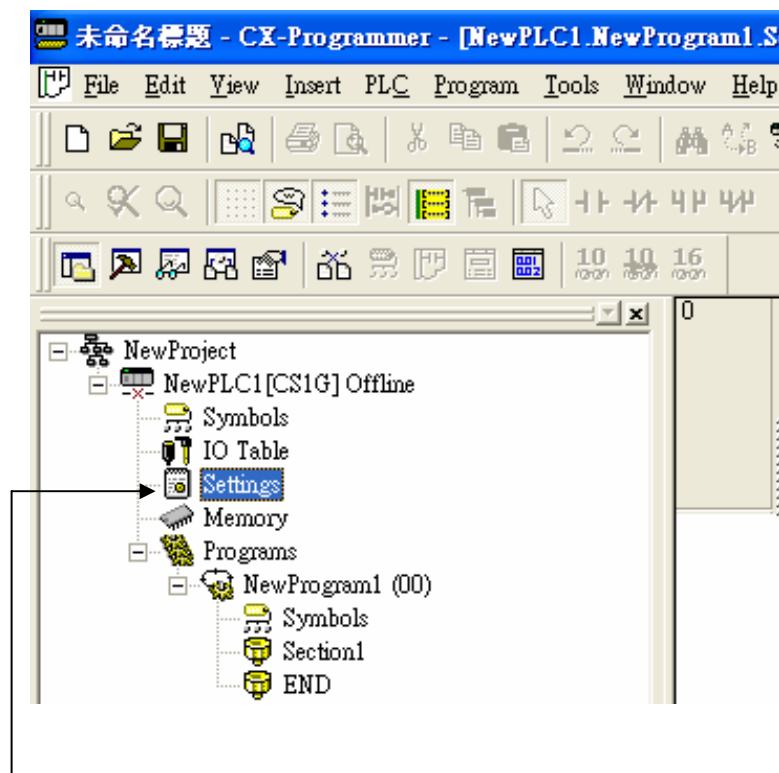


(1)DIP Switch 設定:

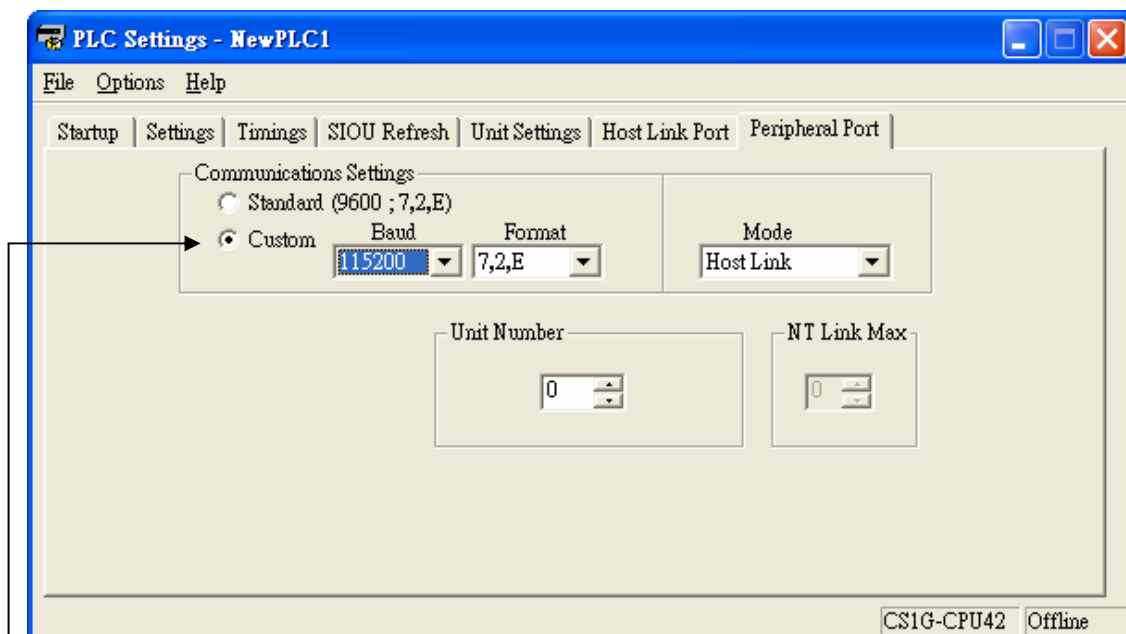
外觀	PIN No.	Setting	功能	預設值
	1	ON	Writing disable for user program memory	OFF
		OFF	Writing enable for user program memory	
	2	ON	The user program is auto transferred when Power is turned ON.	OFF
		OFF	The user program is not auto transferred when Power is turned ON.	
	3	----	Not used	OFF
	4	ON	Use peripheral port communications parameters set in the PLC Setup.	OFF
		OFF	Use default peripheral port communications parameters.	
	5	ON	Use default RS-232C port communications parameters.	OFF
		OFF	Use RS-232C port communications parameters set in the PLC Setup.	
	6	ON	User-defined pin. Turns ON the User DIP Switch Pin Flag (A39512).	OFF
		OFF	User-defined pin. Turns OFF the User DIP Switch Pin Flag (A39512).	
	7	ON	Memory Card or restoring data Function from the Memory Card to the CPU Unit.	OFF
		OFF	Verifying contents of Memory Card.	
	8	OFF	Always OFF	OFF

***只需調整 DIP Switch PIN 1,4,7,8 GP 與 Peripheral Port
就可連接其他 DIP Switch PIN 請自行調整.**

(2)在 PLC 軟體設定:

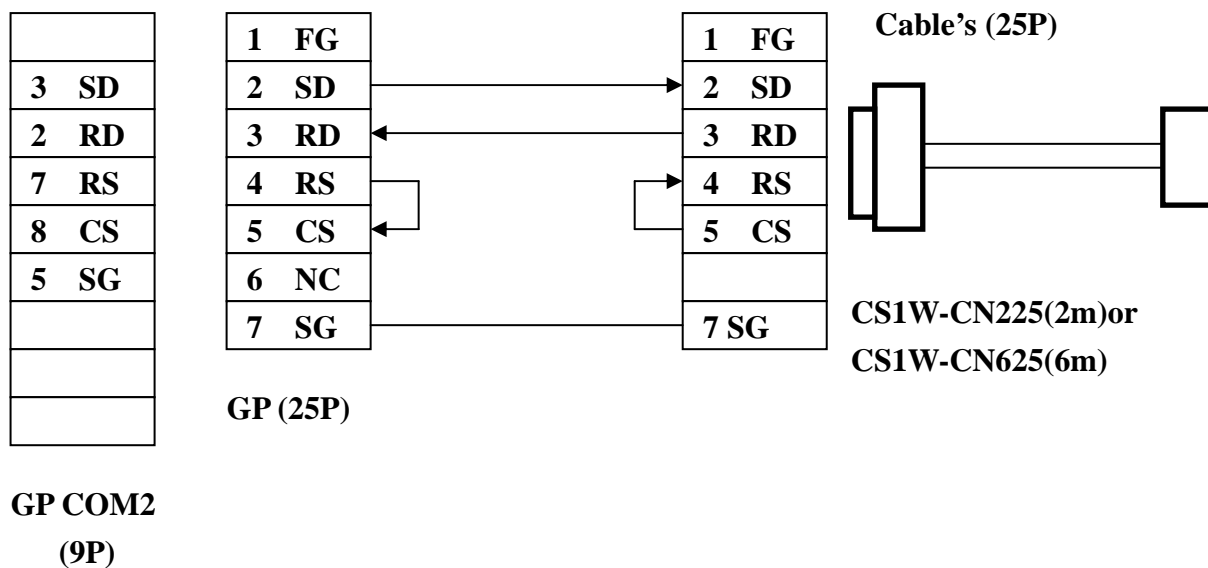


請用滑鼠連點兩下,進入 Settings



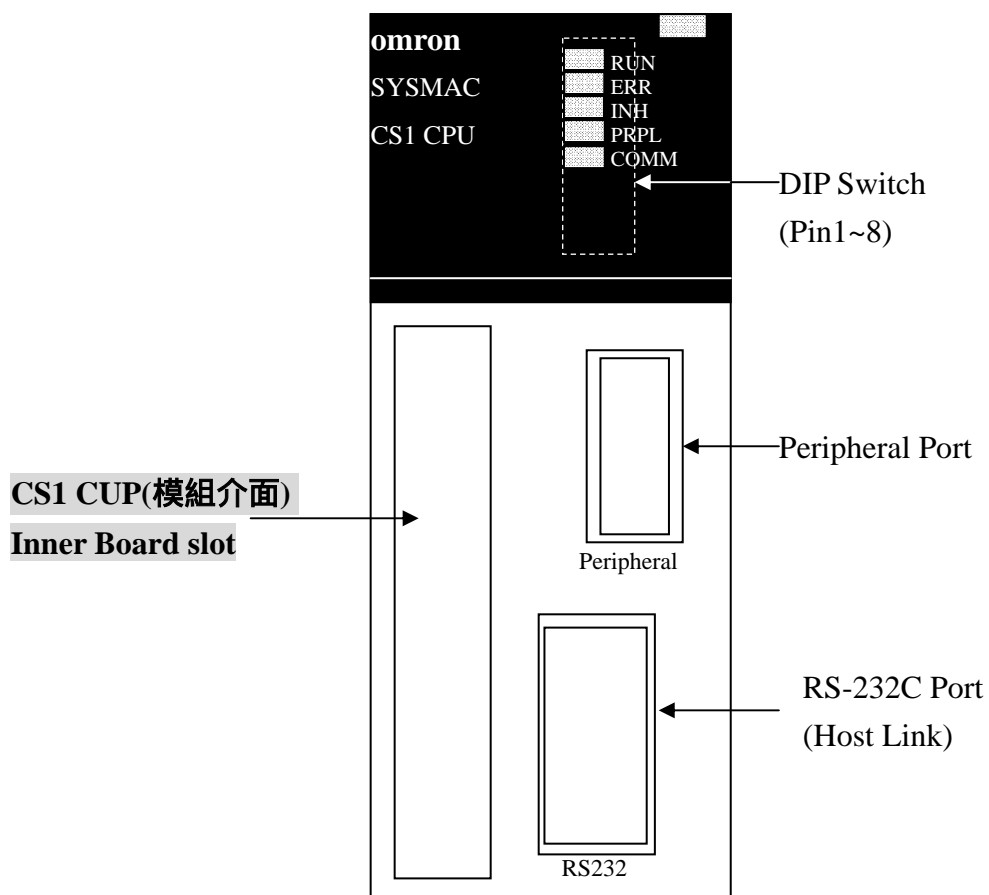
進入 Host Link Port 設定,選擇 Custom
設定 115200,1,7,2,Even

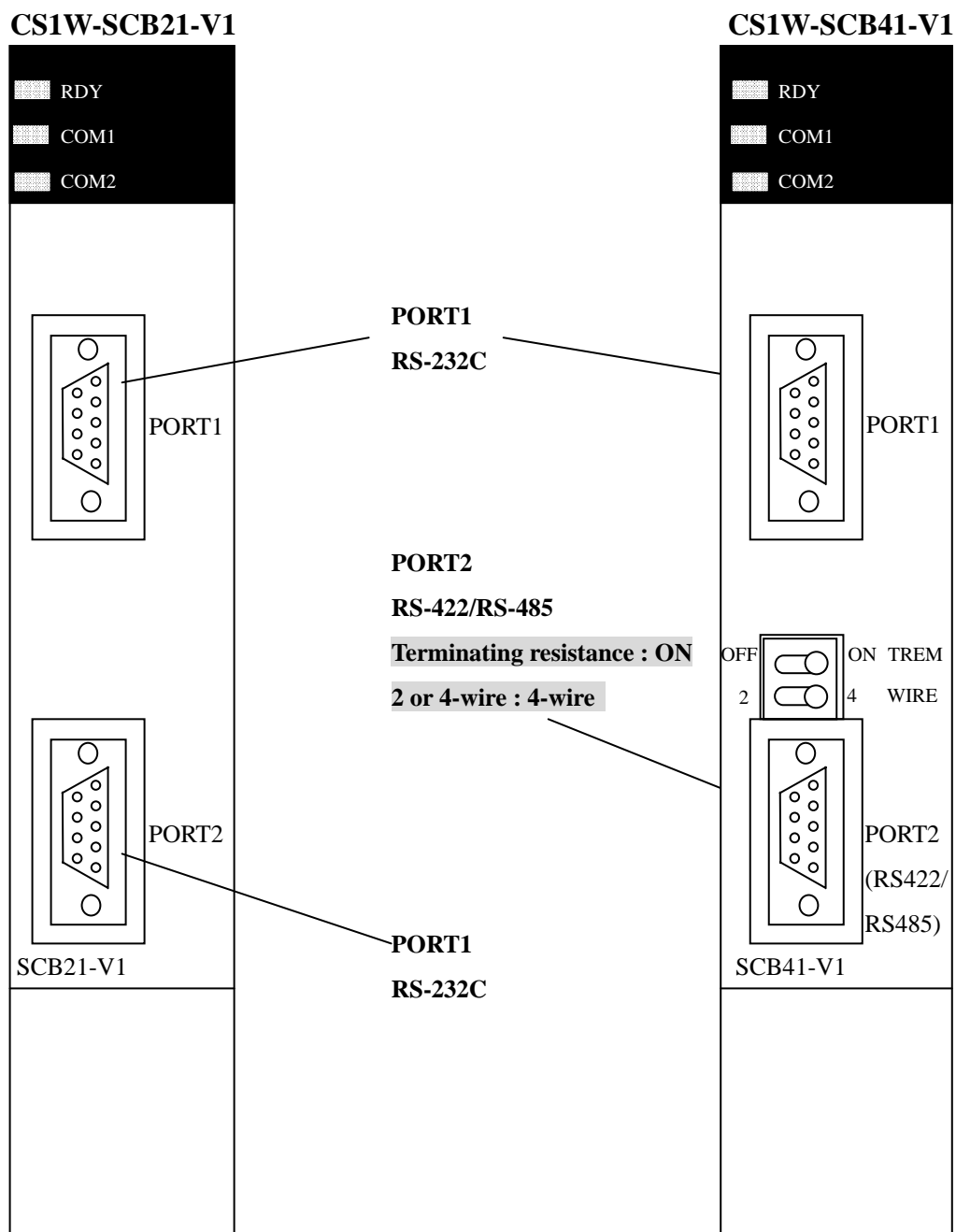
Cable Diagram 1(RS-232C)



3-3 *CS1W-SCB21, CS1W-SCB41*

CS1W-SCB21, CS1W-SCB41 為 CS1 CPU 模組上的介面(Inner Board Slot)



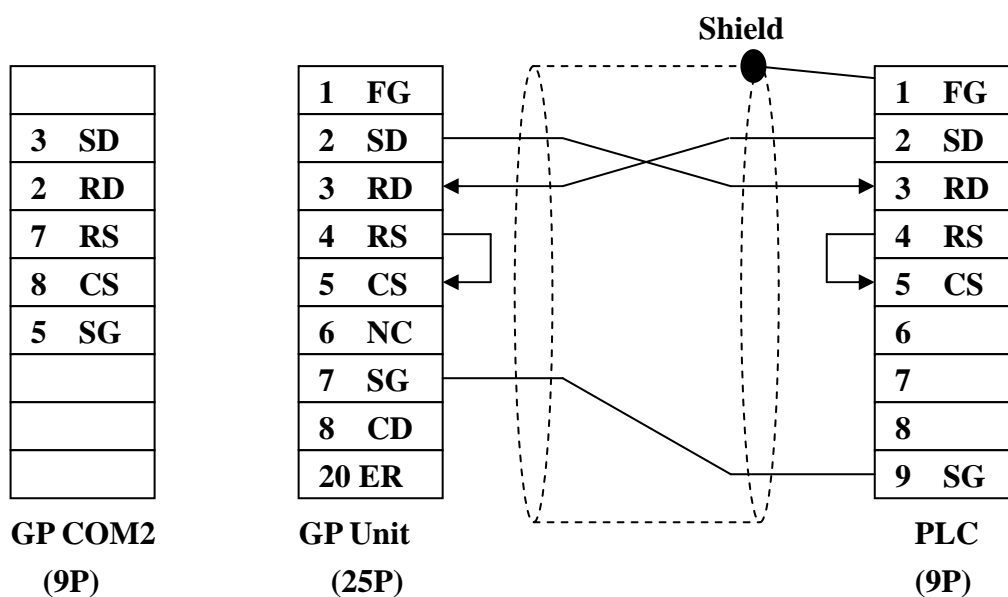


(1)CS1 CPU 模組 (Inner Board Slot) 設定:

Words		Bit	Setting	設定値
Port 1	Port 2			
D32000	D32010	15	Port Settings 0:Defaults 1:User Setting	8000H
		12 to 14	Reserved	
		08 to 11	Serial Communications Mode 0:Defaults 5:Host Link 6:Protocol Macro mode 2:(1:N NT Link)	
		05 to 07	Reserved	
		04	Start Bits 0: 0 Bit 1: 1Bit	
		03	Data Length 0: 7Bits 1: 8Bits	
		02	Stop Bits 0: 2Bits 1: 1Bit	
		01	Parity 0:Yes 1:No	
		00	Parity 0: Even 1:Odd	
D32001	D32011	04to15	Reserved	000AH
		00to03	Baud rate(bps): Default (9,600) 3: 1,200 4: 2,400; 5: 4,800 6: 9,600 7: 19,200; 8: 38,400 9: 57,600 A: 115,200	
D32002	D32012	15	Send delay time 0: Default (0 ms) 1: Setting in bits 00 to 14	0000H
		00 to14	Send delay(0000 to 7530 hex)(Unit:10ms)	
D32003	D32013	15	CTS control 0:No 1:Yes	0000H
		08to14	Reserved	
		00to07	Host Link unit number(00 to 1F hex)	

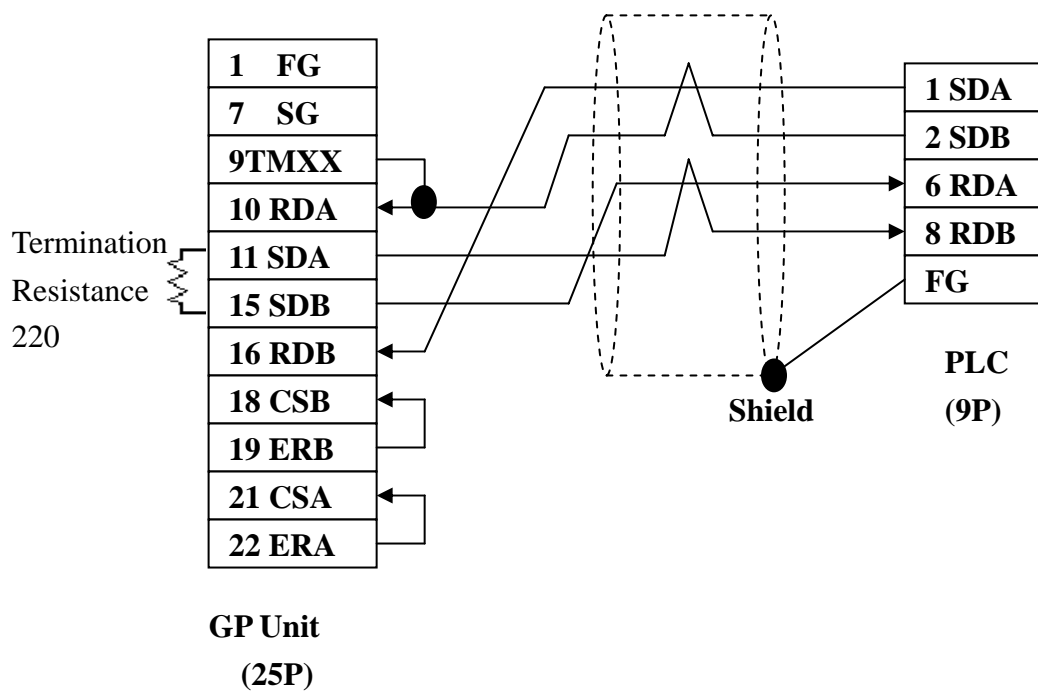
Cable Diagram 1 (RS-232C)

CS1W 模組 SCB21 Port 1-2,SCB41 Port 1



Cable Diagram 2(RS-422)

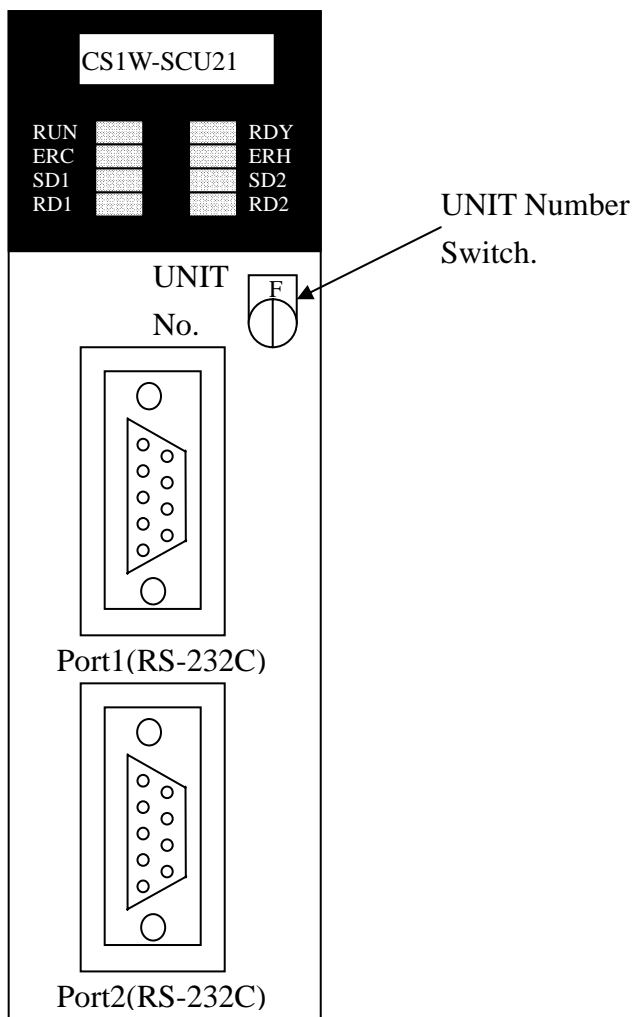
CS1W 模組 SCB41 Port 2



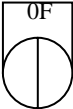
3-4

CS1W-SCU21

CS1W-SCU21 為插在底板上的模組(On Unit)



(1)依照選擇的 Unit No.開關,設定不同的 D 暫存器

外觀	Unit No.	Words
	Unit No. 0	D30000 to D30099
	Unit No. 1	D30100 to D30199
	Unit No. 2	D30200 to D30299
	Unit No. 3	D30300 to D30399
	Unit No. 4	D30400 to D30499
	Unit No. 5	D30500 to D30599
	Unit No. 6	D30600 to D30699
	Unit No. 7	D30700 to D30799
	Unit No. 8	D30800 to D30899
	Unit No. 9	D30900 to D30999
	Unit No. A	D31000 to D31099
	Unit No. B	D31100 to D31199
	Unit No. C	D31200 to D31299
	Unit No. D	D31300 to D31399
Unit No. E	D31400 to D31499	
Unit No. F	D31500 to D30099	

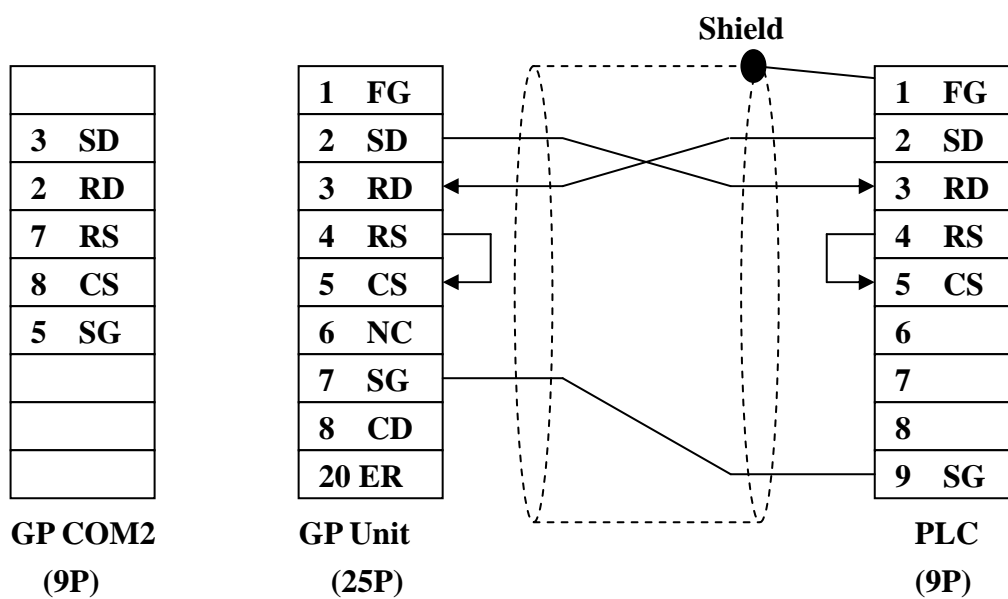
(2)CS1W-SCU21 模組設定:

m=D3000+100*unit number

Words		Bit	Setting	設定值
Port 1	Port 2			
m	m+10	15	Port Settings 0:Defaults 1:User Setting	8000H
		12 to 14	Reserved	
		08 to 11	Serial Communications Mode 0:Defaults 5:Host Link 6:Protocol Macro mode 2:(1:N NT Link)	
		05 to 07	Reserved	
		04	Start Bits 0: 0 Bit 1: 1Bit	
		03	Data Length 0: 7Bits 1: 8Bits	
		02	Stop Bits 0: 2Bits 1: 1Bit	
		01	Parity 0:Yes 1:No	
		00	Parity 0: Even 1:Odd	
m +1	m+11	04to15	Reserved	000AH
		00to03	Baud rate(bps): Default (9,600) 3: 1,200 4: 2,400; 5: 4,800 6: 9,600 7: 19,200; 8: 38,400 9: 57,600 A: 115,200	
m +2	m+12	15	Send delay time 0: Default (0 ms) 1: Setting in bits 00 to 14	0000H
		00 to14	Send delay(0000 to 7530 hex)(Unit:10ms)	
m +3	m+13	15	CTS control 0:No 1:Yes	0000H
		08to14	Reserved	
		00to07	Host Link unit number(00 to 1F hex)	

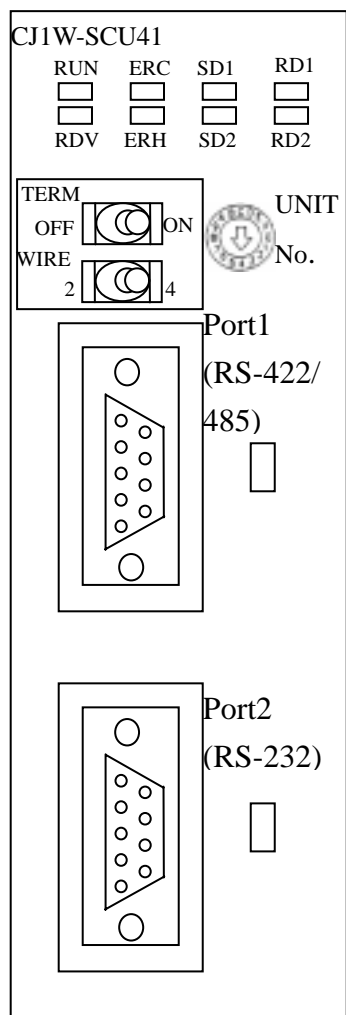
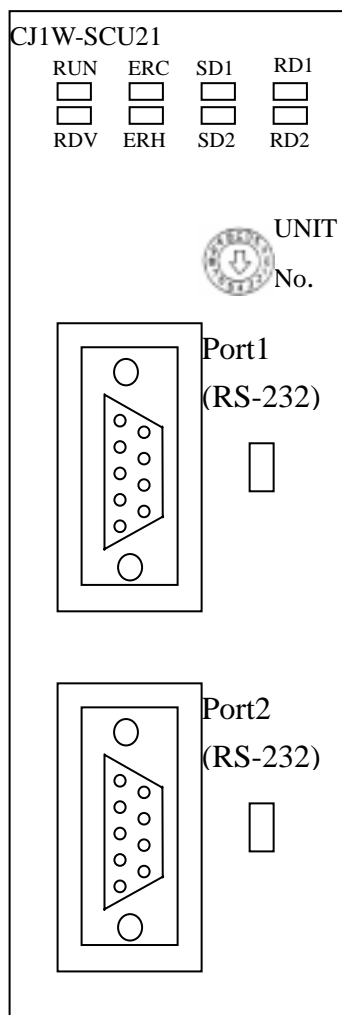
Cable Diagram 1 (RS-232C)

CS1W 模組 SCU21 Port 1-2




3-5 *CJ1W-SCU21, SCU41*

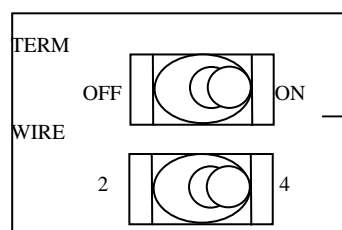
CJ1W-SCU21, SCU41 為通訊的模組(CJ-series Units)



(1)依照選擇的 Unit No.開關,設定不同的 D 暫存器

外觀	Unit No.	Words
	Unit No. 0	CIO 1500 to CIO1524
	Unit No. 1	CIO 1525 to CIO1549
	Unit No. 2	CIO 1550 to CIO1574
	Unit No. 3	CIO 1575 to CIO1599
	Unit No. 4	CIO 1600 to CIO1624
	Unit No. 5	CIO 1625 to CIO1649
	Unit No. 6	CIO 1650 to CIO1674
	Unit No. 7	CIO 1675 to CIO1699
	Unit No. 8	CIO 1700 to CIO1724
	Unit No. 9	CIO 1725 to CIO1749
	Unit No. A	CIO 1750 to CIO1774
	Unit No. B	CIO 1775 to CIO1799
	Unit No. C	CIO 1800 to CIO1824
	Unit No. D	CIO 1825 to CIO1849
Unit No. E	CIO 1850 to CIO1874	
Unit No. F	CIO 1875 to CIO1899	

(2)CJ1W-SCU41(422/485)開關選擇:



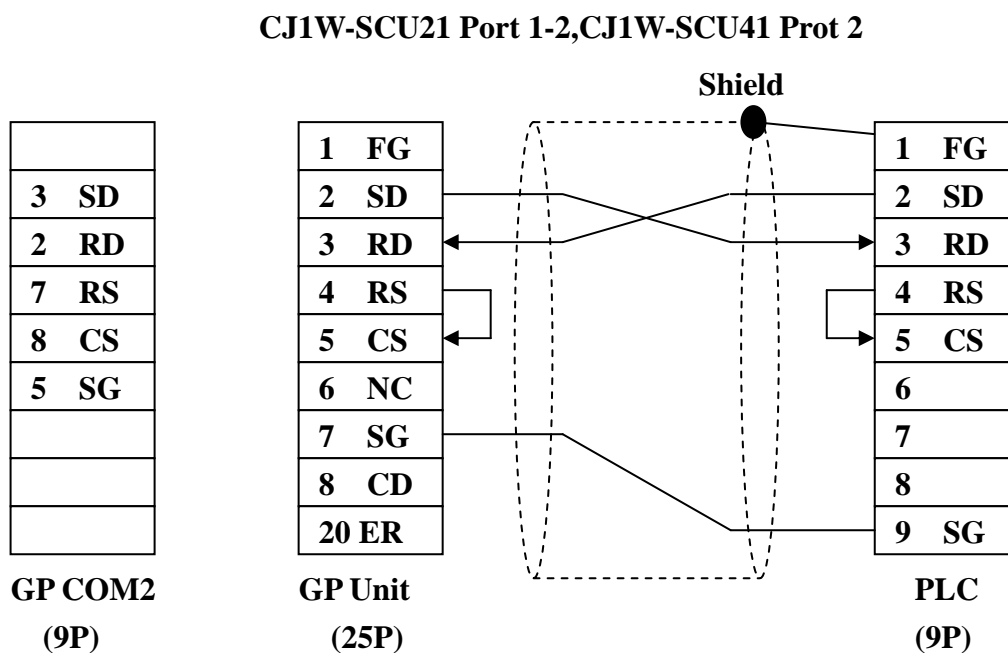
Termination Resistance : ON
 WIRE Switch: 4-wrie type
 才可與 GP 連線

(3)CS1W-SCU21 模組設定:

n=CIO1500+25*unit number

Words		Bit	Setting	設定値
Port 1	Port 2			
n	n+10	15	Port Settings 0:Defaults 1:User Setting	8000H
		12 to 14	Reserved	
		08 to 11	Serial Communications Mode 0:Defaults 5:Host Link 6:Protocol Macro mode 2:(1:N NT Link)	
		05 to 07	Reserved	
		04	Start Bits 0: 0 Bit 1: 1Bit	
		03	Data Length 0: 7Bits 1: 8Bits	
		02	Stop Bits 0: 2Bits 1: 1Bit	
		01	Parity 0:Yes 1:No	
		00	Parity 0: Even 1:Odd	
n +1	n+11	04to15	Reserved	000AH
		00to03	Baud rate(bps): Default (9,600) 3: 1,200 4: 2,400; 5: 4,800 6: 9,600 7: 19,200; 8: 38,400 9: 57,600 A: 115,200	
n +2	n+12	15	Send delay time 0: Default (0 ms) 1: Setting in bits 00 to 14	0000H
		00 to14	Send delay(0000 to 7530 hex)(Unit:10ms)	
n +3	n+13	15	CTS control 0:No 1:Yes	0000H
		08to14	Reserved	
		00to07	Host Link unit number(00 to 1F hex)	

Cable Diagram 1 (RS-232C)



Cable Diagram 2(RS-422)

