Technical Document

Revision 1.0

March, 2009

PLC Connection Guide

TN514D

Communication settings between

Mitsubishi FX2n/3U 與 PanelMaster HMI 之間的通訊設定

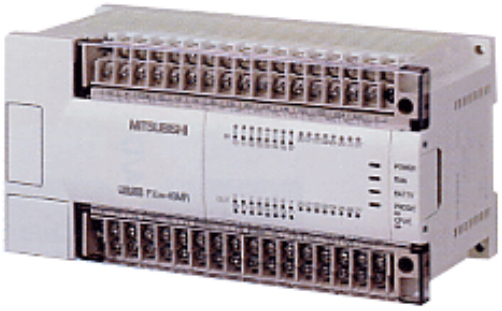


◎Revision Record

Revision	Date	Content	Owner

前言

此技術文件介紹將 Mitsubishi FX2n PLC 連接 PanelMaster HMI。



<FX2n PLC>

Program Port

(1) PLC 設定

參數:

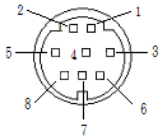
對於 FX2n/FX3U PLC, 預設通訊參數如下:

Transmission Speed: 9600bps

Communication Format: 7, Even, 1

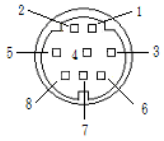
Connection Cable Diagram:

HMI Side			PLC Cable Side	
COM1 9-PIN Male			FX2n/3U Program Port	
PV-Series			8-PIN Round Male (RS422)	
TXD +	1	———	2	RDA
TXD -	6	———	1	RDB
RXD+	4	———	7	SDA
RXD-	9	———	4	SDB
GND	5	———	3	SG



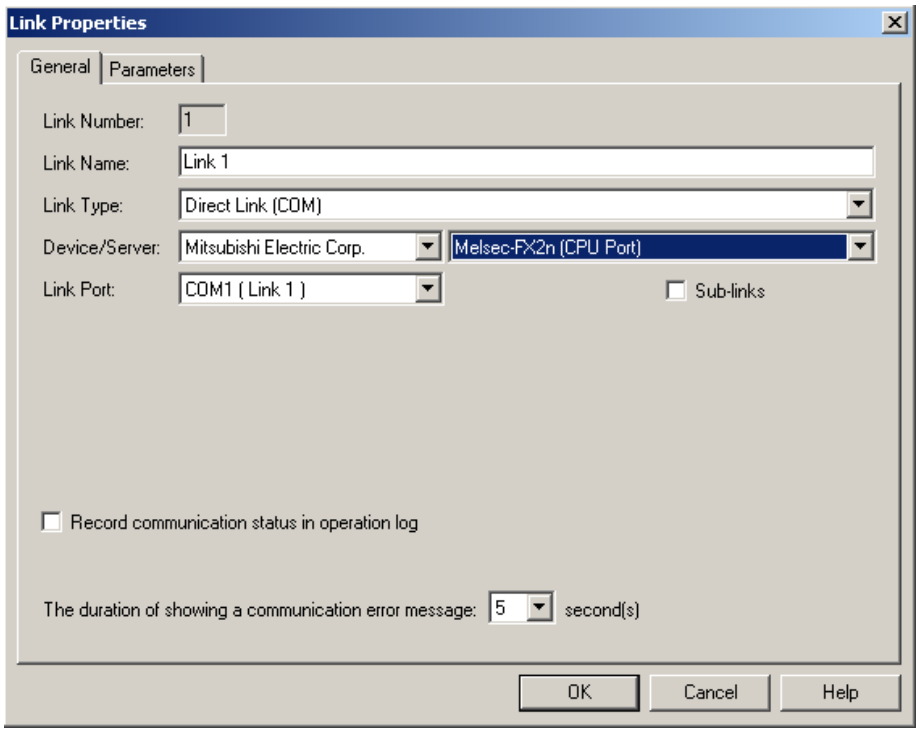
HMI COM2 ← → FX2 PLC

HMI Side			PLC Cable Side	
COM2 9-PIN Male			FX2n/3U Program Port	
A Type			8-PIN Round Male (RS422)	
TXD +	1	———	2	RDA
TXD -	4	———	1	RDB
RXD+	2	———	7	SDA
RXD-	3	———	4	SDB
GND	5	———	3	SG



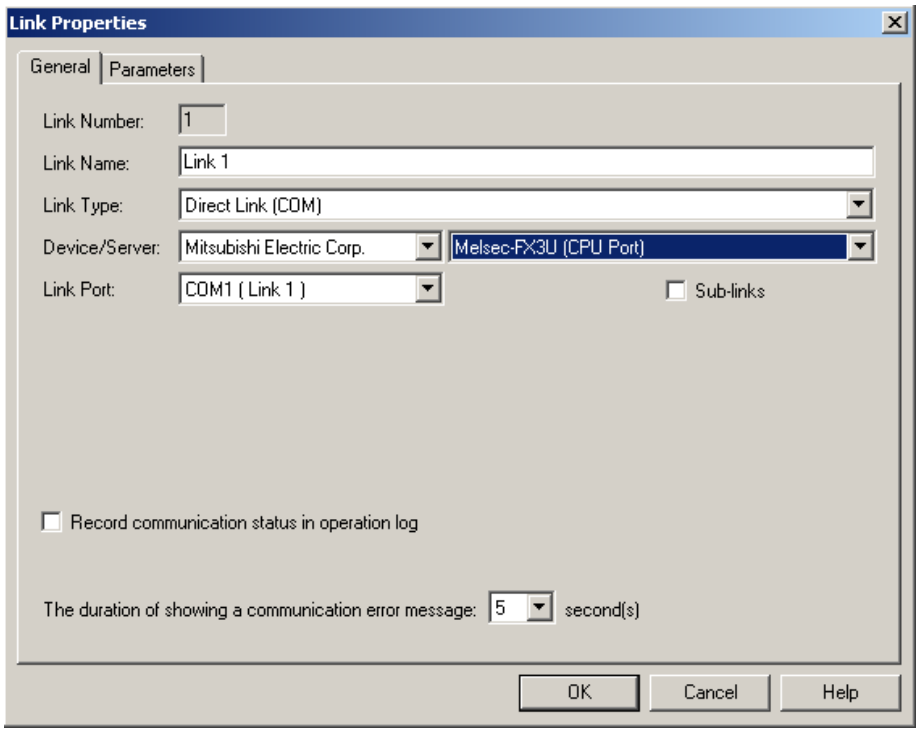
(1) HMI 設定:

選擇【Device/Server：Mitsubishi Electric Corp. → Melsec-FX2n (CPU Port)】



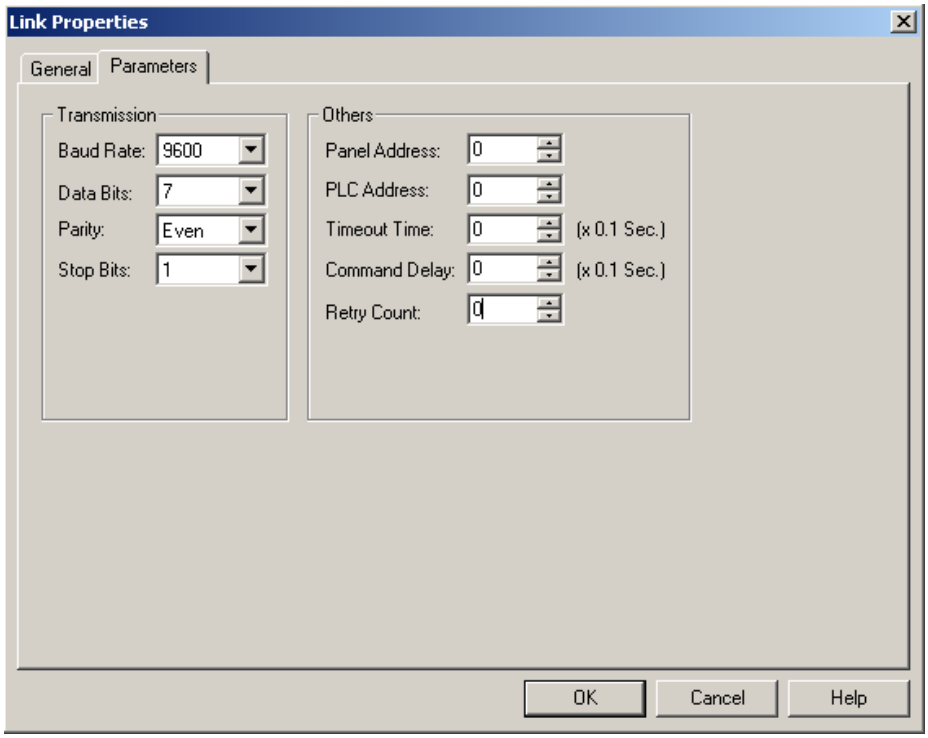
註: 驅動名稱 --- C2B041.dll / C2B041.mod

選擇【Device/Server：Mitsubishi Electric Corp. → Melsec-FX3U (CPU Port)】



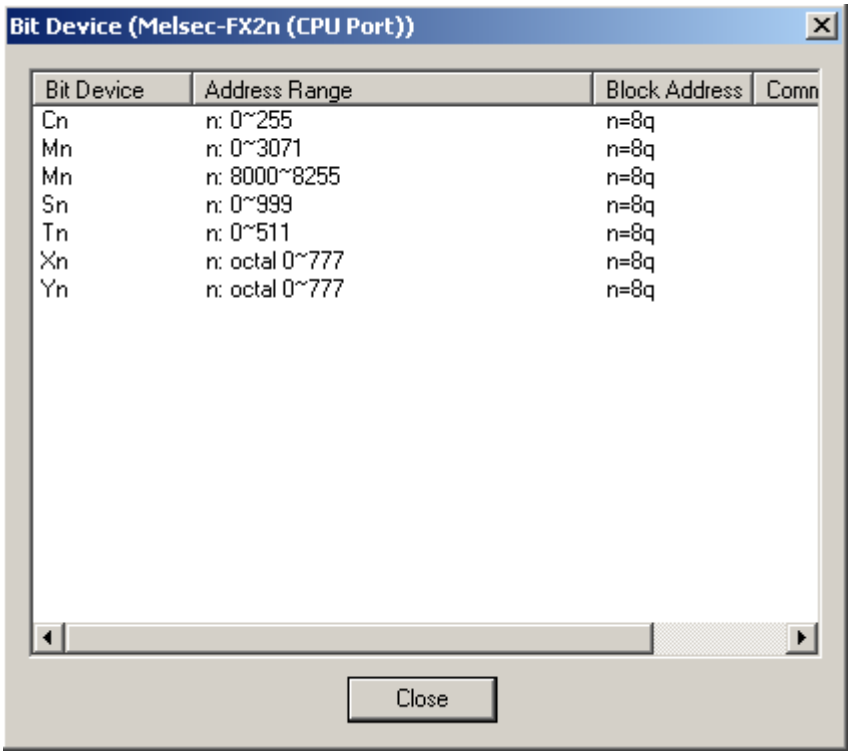
註: 驅動名稱 --- C2B051.dll / C2B051.mod

將 HMI link port 參數與 PLC communication 參數設定為相同。



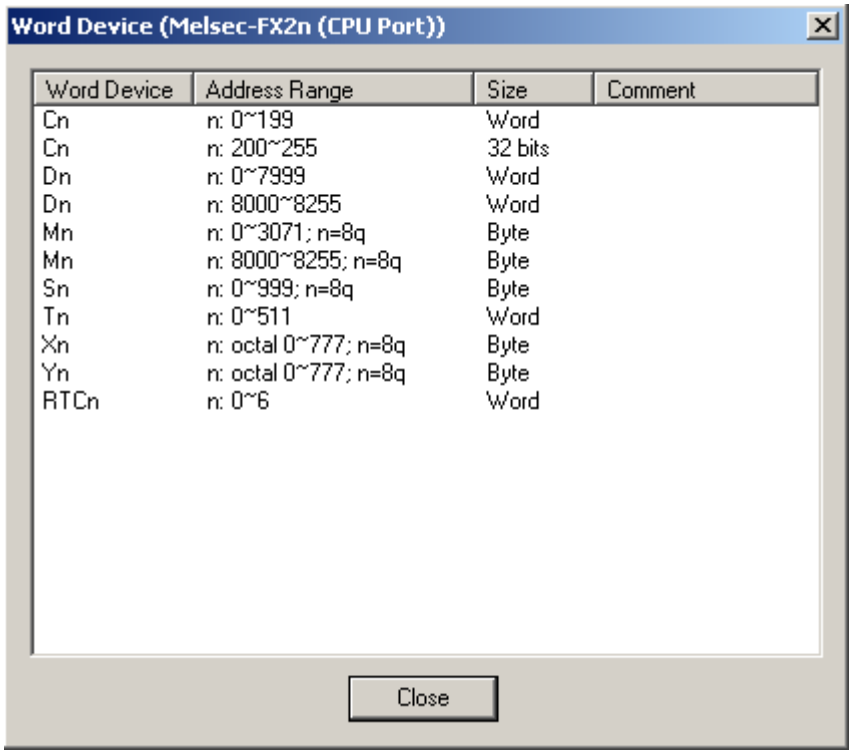
PLC 記憶體位址

Bit Devices (FX2n)

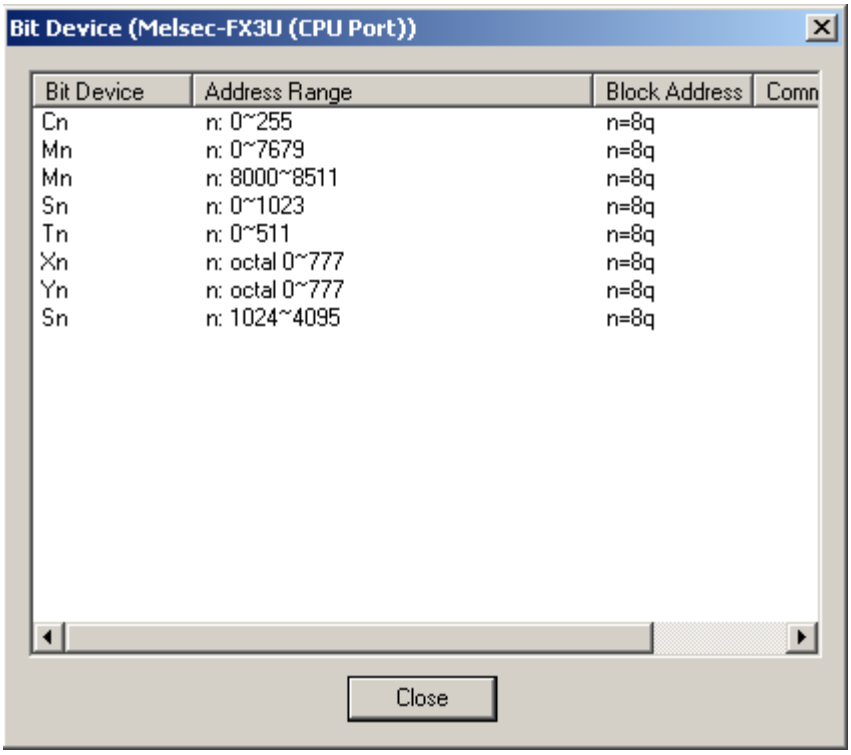


註: 位元址必須是8的倍數.

Word Devices (FX2n)

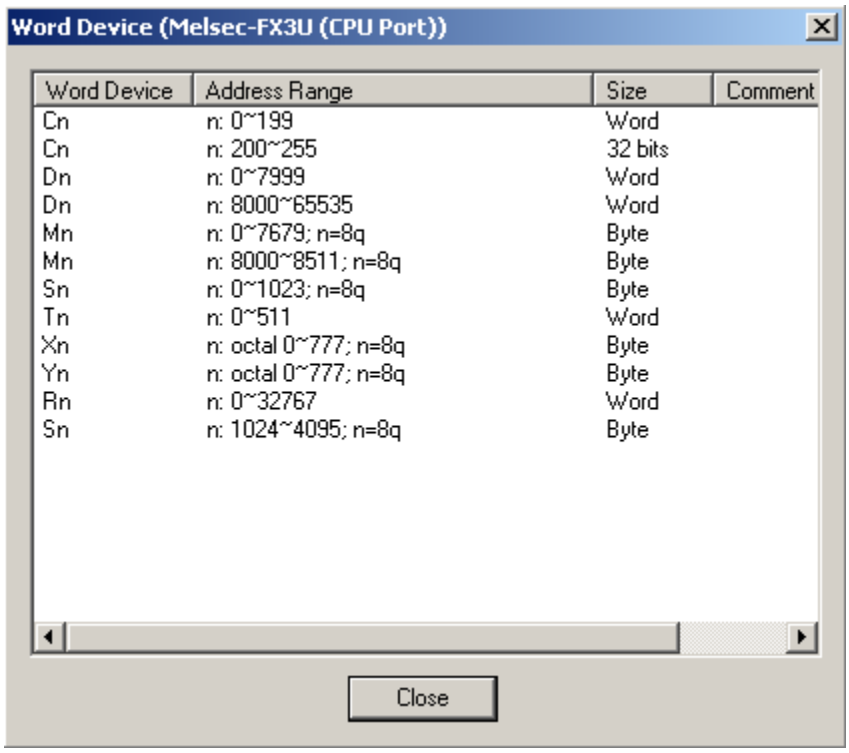


Bit Devices (FX3U)



註: 位元址必須是8的倍數.

Word Devices (FX3U)



~Thank You~



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