



PLC-GX Works2

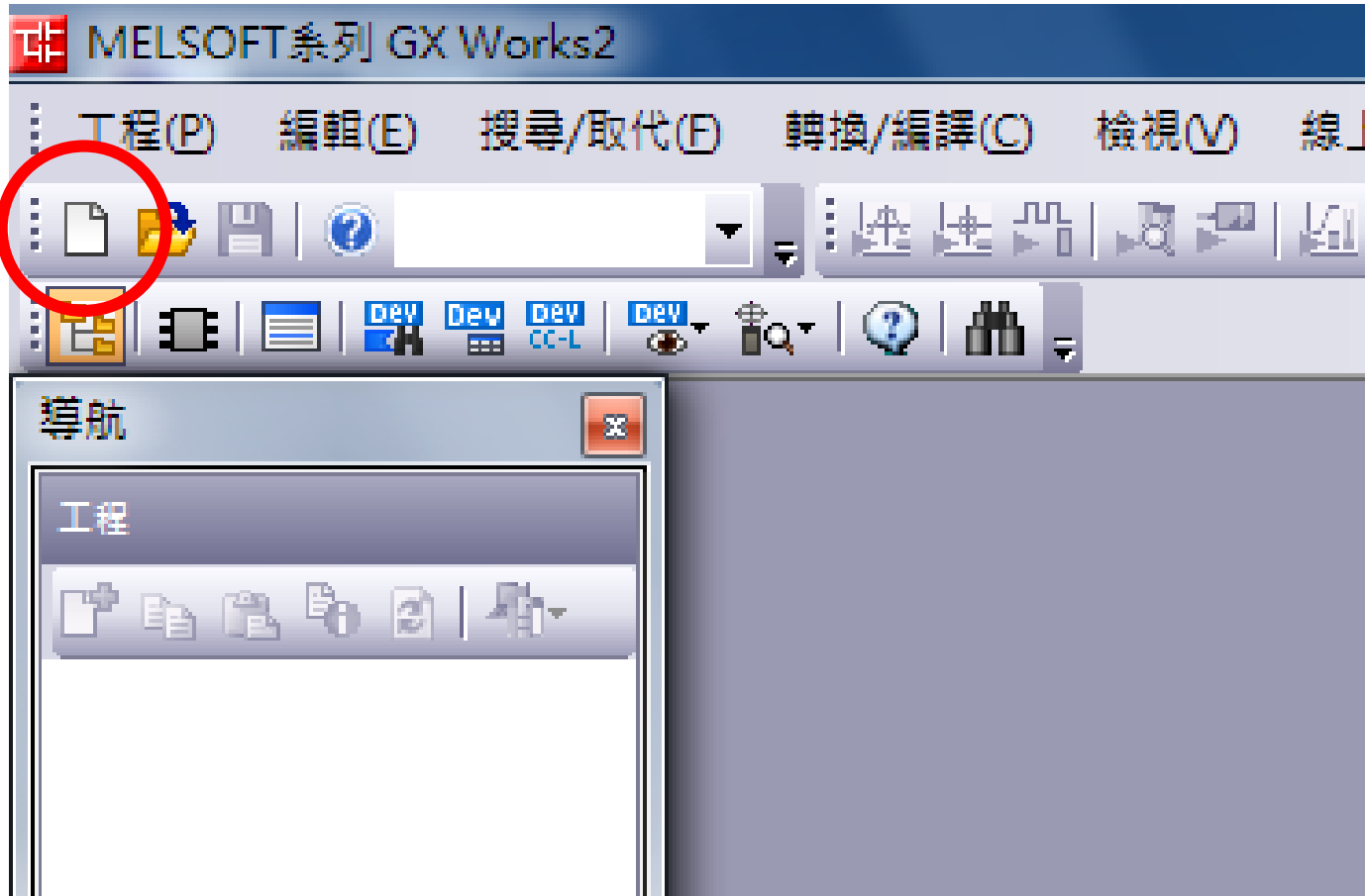
軟體使用教學



張祖烈



GX Works2 開新專案





GX Works2 開新專案-PLC series

新增工程 ✕

工程類型(P):

簡單工程

使用標籤(L)

PLC系列(S):

FXCPU
QCPU(Q模式)
LCPU
FXCPU
FXCPU

程式語言(G):

梯形圖

確定

取消



GX Works2 開新專案-PLC type

新增工程

工程類型(P):

簡單工程

使用標籤(L)

PLC系列(S):

FXCPU

PLC類型(T):

- FX3U/FX3UC
- FX0N
- FX1
- FX1S
- FX1N/FX1NC
- FXU/FX2C
- FX2N/FX2NC
- FX3G/FX3GC
- FX3U/FX3UC

確定

取消

GX Works2 開新專案-program type

新增工程 ✕

工程類型(P):
簡單工程 ▼

使用標籤(L)

PLC系列(S):
FXCPU ▼

PLC類型(T):
FX3U/FX3UC ▼

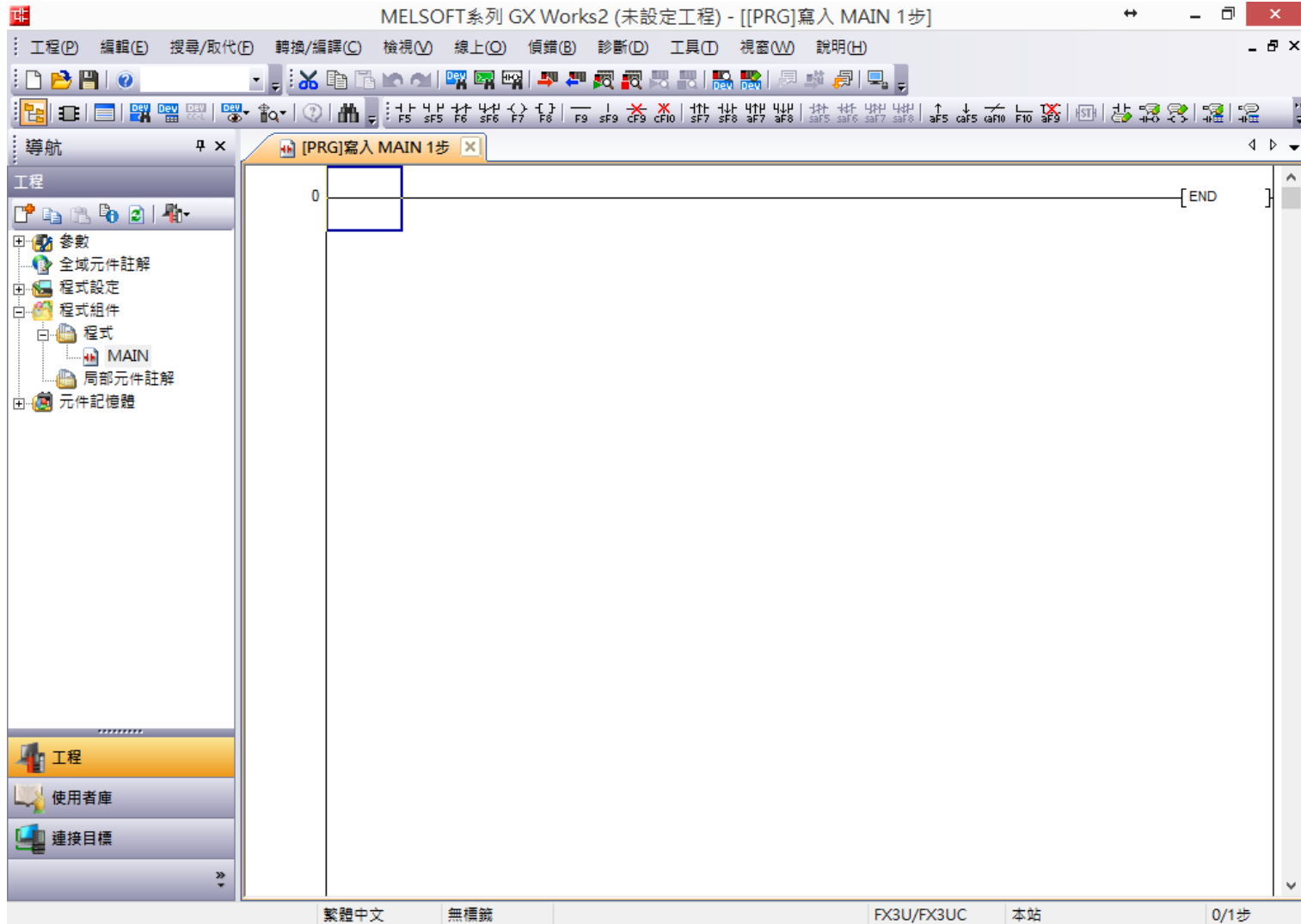
程式語言(G):
梯形圖 ▼
梯形圖
SFC

確定

取消

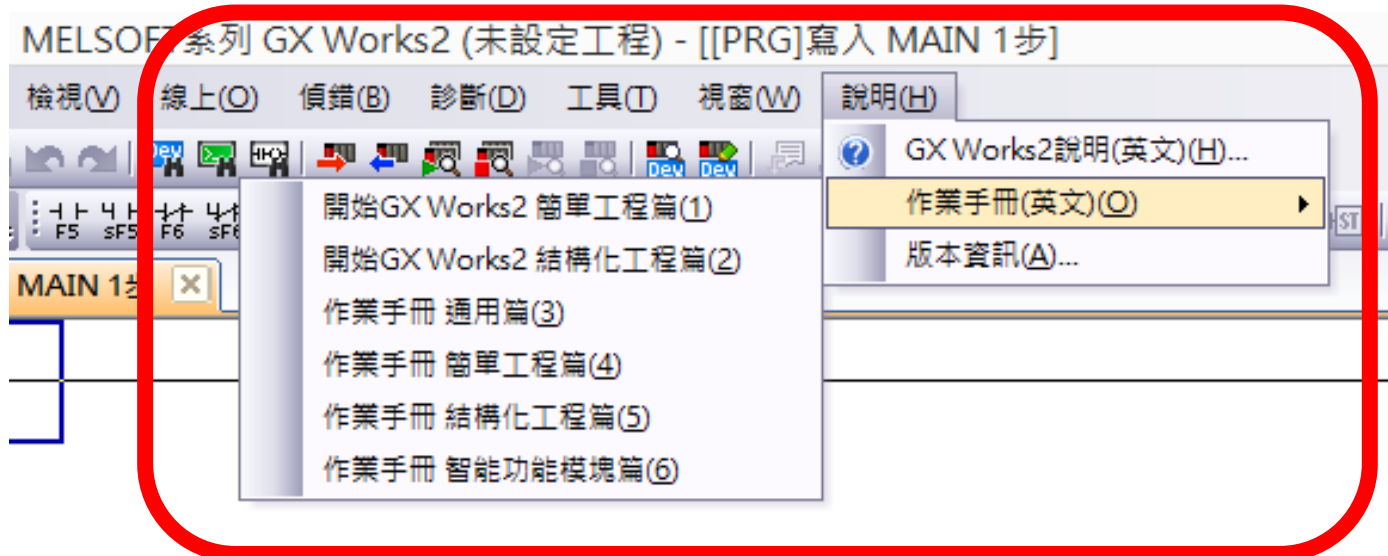


GX Works2 開新專案-新專案



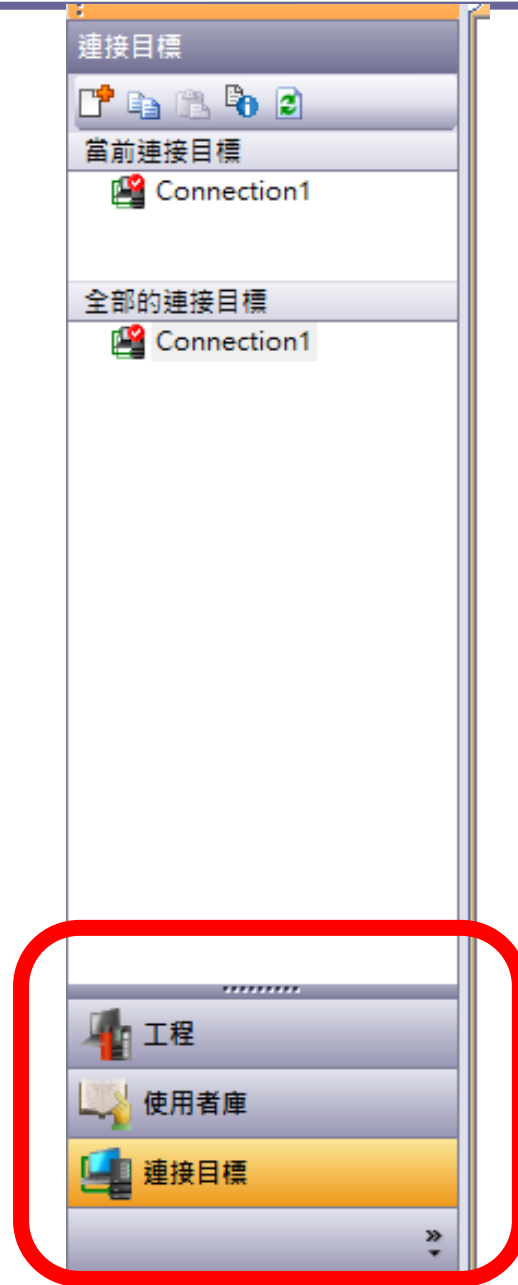


GX Works2-使用手冊





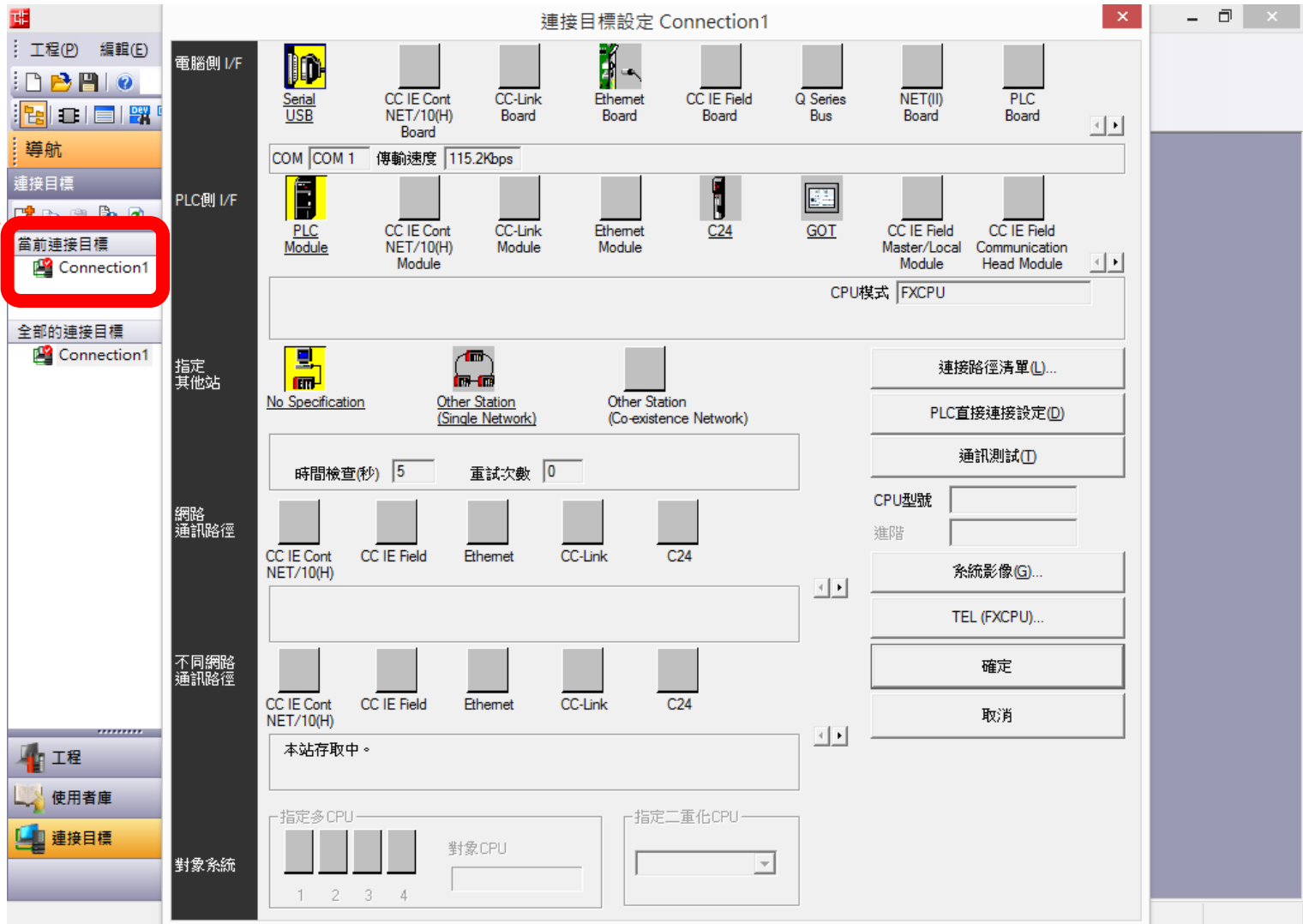
GX Works2-Connection setup





GX Works2-Connection setup

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The screenshot shows the 'Connection Setup' dialog box in GX Works2. The window title is '連接目標設定 Connection1'. The interface is divided into several sections:

- 電腦側 I/F (Computer Side I/F):** Includes options for Serial USB, CC IE Cont NET/10(H) Board, CC-Link Board, Ethernet Board, CC IE Field Board, Q Series Bus, NET(II) Board, and PLC Board.
- PLC側 I/F (PLC Side I/F):** Includes options for PLC Module, CC IE Cont NET/10(H) Module, CC-Link Module, Ethernet Module, C24, GOT, CC IE Field Master/Local Module, and CC IE Field Communication Head Module.
- COM:** Set to COM 1 with a transmission speed of 115.2Kbps.
- CPU模式 (CPU Mode):** Set to FXCPU.
- 指定其他站 (Specify Other Station):** Options include No Specification, Other Station (Single Network), and Other Station (Co-existence Network). Includes fields for '時間檢查(秒)' (5) and '重試次數' (0).
- 網路通訊路徑 (Network Communication Path):** Options for CC IE Cont NET/10(H), CC IE Field, Ethernet, CC-Link, and C24.
- 不同網路通訊路徑 (Different Network Communication Path):** Same options as the previous section.
- 本站存取中 (Accessing this station):** A status indicator.
- 對象系統 (Target System):** Includes '指定多CPU' (Specify multiple CPUs) with slots 1-4 and '指定二重化CPU' (Specify dual CPU) with a dropdown menu.

On the right side of the dialog, there are several buttons: '連接路徑清單(L)...', 'PLC直接連接設定(D)', '通訊測試(T)', 'CPU型號' (with a text field), '進階' (with a text field), '系統影像(G)...', 'TEL (FXCPU)...', '確定' (OK), and '取消' (Cancel).

In the left sidebar, the '當前連接目標' (Current Connection Target) section is highlighted with a red box, showing 'Connection1'.



GX Works2-Connection setup

The screenshot shows the 'Connection1' setup window in GX Works2. A red box highlights the 'Serial USB' option under 'Computer I/F'. A red circle highlights the 'Serial Advance Settings' dialog box, which is open and shows 'RS-232C' selected as the communication method, with 'COM 1' and '115.2Kbps' set. A red vertical stamp with the Chinese characters '佳佳又專擊' is overlaid on the 'Serial USB' option.

電腦側 I/F

- Serial USB
- CC IE Cont NET/10(H) Card
- CC-Link Board
- Ethernet Board
- CC IE Field Board
- Q Series Bus
- NET(II) Board
- PLC Board

COM COM 1 傳輸速度 115.2Kbps

PLC側 I/F

- PLC Module
- CC IE Cont NET/10(H) Module
- CC-Link Module
- Ethernet Module
- C24
- GOT
- CC IE Field Master/Local Module
- CC IE Field Communication Head Module

CPU模式 FXCPU

電腦側 I/F 序列進階設定

- RS-232C (包含 FX-USB-AW/FX3U-USB-BD)
- USB

COM埠 COM 1

傳輸速度 115.2Kbps

確定

取消

進階...

指定其他站

時間檢查(秒) 5

網路通訊路徑

- CC IE Cont NET/10(H)
- CC IE Field

不同網路通訊路徑

- CC IE Cont NET/10(H)
- CC IE Field
- Ethernet
- CC-Link
- C24

本站存取中。

指定多CPU

對象CPU

指定二重化CPU



GX Works2-Connection setup

RS232
RS422
RS485

PC TO PLC
USB Port
(FX-3G)

電腦側 I/F 序列進階設定

RS-232C
(包含FX-USB-AW/FX3U-USB-BD)

USB

COM埠 COM 1

傳輸速度 115.2Kbps

確定
取消
進階...

裝置管理員
USB Port com ?



GX Works2-Connection setup

連接目標設定 Connection1

電腦側 I/F

- Serial USB
- CC IE Cont NET/10(H) Board
- CC-Link Board
- Ethernet Board
- CC IE Field Board
- Q Series Bus
- NET(II) Board
- PLC Board

COM COM 1 傳輸速度 115.2Kbps

PLC側 I/F

- PLC Module
- CC IE Cont NET/10(H) Module
- CC-Link Module
- Ethernet Module
- C24
- GOT
- CC IE Field Master/Local Module
- CC IE Field Communication Head Module

CPU模式 FXCPU

指定其他站

- No Specification
- Other Station (Single Network)
- Other Station (Co-existence Network)

時間檢查(秒) 5 重試次數 0

網路通訊路徑

- CC IE Cont NET/10(H)
- CC IE Field
- Ethernet
- CC-Link
- C24

不同網路通訊路徑

- CC IE Cont NET/10(H)
- CC IE Field
- Ethernet
- CC-Link
- C24

本站存取中。

指定多CPU

- 對象CPU
- 1 2 3 4

指定二重化CPU

通訊測試(T)

確定

取消

測試連線
狀況



GX Works2-Connection setup

連接目標設定 Connection1

電腦側 I/F

- Serial USB
- CC IE Cont NET/10(H) Board
- CC-Link Board
- Ethernet Board
- CC IE Field Board
- Q Series Bus
- NET(II) Board
- PLC Board

COM COM 1 傳輸速度 115.2Kbps

PLC側 I/F

- PLC Module
- CC IE Cont NET/10(H) Module
- CC-Link Module
- Ethernet Module
- C24
- GOT
- CC IE Field Master/Local Module
- CC IE Field Communication Head Module

CPU模式 FXCPU

指定其他站

- No Specification

時間檢查

網路通訊路徑

- CC IE Cont NET/10(H)

不同網路通訊路徑

- CC IE Cont NET/10(H)
- CC IE Field
- Ethernet
- CC-Link
- C24

本站存取中

指定多CPU

指定二重化CPU

對象CPU

MELSOFT 應用程式

已成功與FX3U/FX3UCCPU連接。

確定

連接路徑清單(L)...

PLC直接連接設定(D)

通訊測試(T)

CPU型號 FX3U/FX3UC

進階

系統影像(G)...

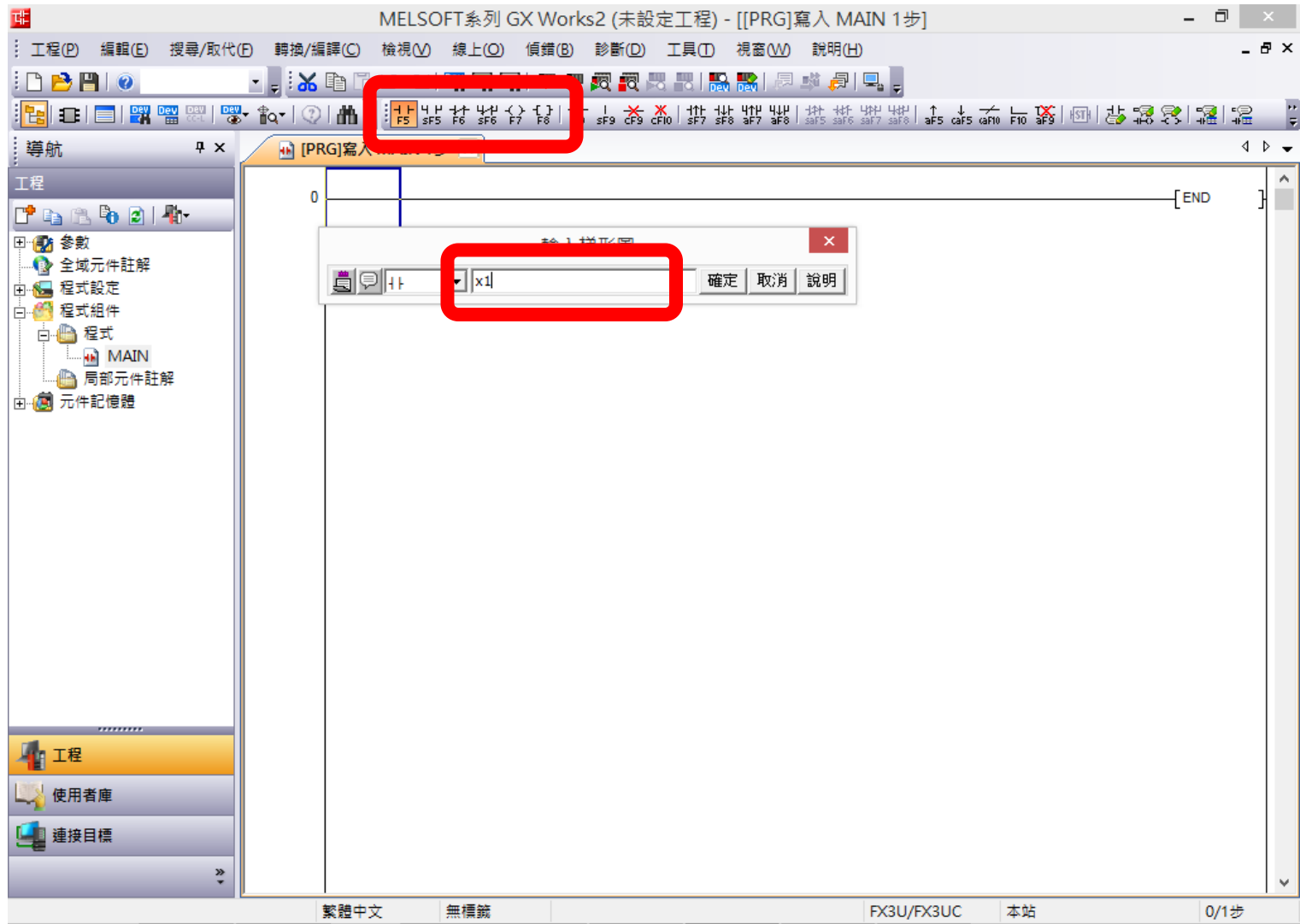
TEL (FXCPU)...

確定

取消



GX Works2-編寫程式





GX Works2-編寫程式

The screenshot displays the GX Works2 software interface for editing a program. The main window title is "MELSOFT系列 GX Works2 (未設定工程) - [[PRG]寫入 MAIN 1步]". The interface includes a menu bar, a toolbar, and a project tree on the left. The project tree shows the following structure:

- 工程
 - 參數
 - 全域元件註解
 - 程式設定
 - 程式組件
 - 程式
 - MAIN
 - 局部元件註解
 - 元件記憶體

The main editing area shows a ladder logic diagram with a normally open contact labeled "X001" connected to a coil labeled "0". The diagram ends with "[END]". A dialog box titled "輸入梯形圖" (Input Ladder Diagram) is open, showing a dropdown menu with "L/P" selected and a multiplier of "x2". The dialog has buttons for "確定" (OK), "取消" (Cancel), and "說明" (Help).

At the bottom of the window, the status bar displays: 繁體中文 | 無標籤 | FX3U/FX3UC | 本站 | 0/1步



GX Works2-編寫程式

The screenshot displays the GX Works2 software interface for editing a ladder logic program. The main window is titled "MELSOFT系列 GX Works2 (未設定工程) - [[PRG]寫入 MAIN 1步]". The interface includes a menu bar, a toolbar, and a navigation pane on the left. The navigation pane shows the project structure, including "工程" (Project), "參數" (Parameters), "全域元件註解" (Global Component Comments), "程式設定" (Program Settings), "程式組件" (Program Components), "程式" (Program), "MAIN", "局部元件註解" (Local Component Comments), and "元件記憶體" (Component Memory). The main editing area shows a ladder logic diagram with two normally open contacts labeled "X001" and "X002" connected to a coil labeled "0". The diagram ends with "[END]". A dialog box titled "輸入梯形圖" (Enter Ladder Diagram) is overlaid on the diagram, with a text input field containing "x3" and buttons for "確定" (OK), "取消" (Cancel), and "說明" (Help). The status bar at the bottom indicates "繁體中文" (Traditional Chinese), "無標籤" (No Tag), "FX3U/FX3UC", "本站" (This Station), and "0/1步" (0/1 Step).



GX Works2-編寫程式

The screenshot displays the GX Works2 software interface for editing a program. The main window shows a ladder logic diagram with the following components:

- Inputs: X001, X002, and X003.
- Logic: X001 and X003 are connected in parallel, and X002 is connected in series with them.
- Output: The circuit is connected to output Y1.
- Terminal: The diagram ends with a terminal labeled [END].

A dialog box titled "輸入梯形圖" (Input Ladder Diagram) is open, showing a dropdown menu with the selected value "(-)" and a text input field containing "y1". The dialog has buttons for "確定" (OK), "取消" (Cancel), and "說明" (Help).

The software interface includes a menu bar with options like "工程(P)", "編輯(E)", "搜尋/取代(S)", "轉換/編譯(C)", "檢視(V)", "線上(O)", "偵錯(B)", "診斷(D)", "工具(T)", "視窗(W)", and "說明(H)". A left sidebar contains a project tree with folders for "參數", "全域元件註解", "程式設定", "程式組件", "MAIN", "局部元件註解", and "元件記憶體". The status bar at the bottom shows "繁體中文", "無標籤", "FX3U/FX3UC", "本站", and "0/1步".



GX Works2-編寫程式

The screenshot displays the GX Works2 software interface for editing a ladder logic program. The main window shows a ladder logic diagram with the following components:

- Inputs: X001, X002, and X003.
- Logic: X001 and X003 are connected in parallel, and X002 is connected in series with them.
- Output: Y001.
- Step: 0.
- Instruction: LD 位元(S).
- End: [END].

A dialog box titled "輸入梯形圖" (Input Ladder Diagram) is open, showing the instruction "LD 位元(S)" and buttons for "確定" (OK), "取消" (Cancel), and "說明" (Help).

The software interface includes a menu bar with options like "工程(P)", "編輯(E)", "搜尋/取代(B)", "轉換/編譯(C)", "檢視(V)", "線上(O)", "偵錯(B)", "診斷(D)", "工具(T)", "視窗(W)", and "說明(H)". The status bar at the bottom indicates "繁體中文", "無標籤", "FX3U/FX3UC", "本站", and "0/1步".



GX Works2-編寫程式

The screenshot displays the GX Works2 software interface for editing a program. The main window shows a ladder logic diagram with the following components:

- Inputs: X001, X002, X003, X004
- Output: Y001
- Logic: X001 and X003 are connected in parallel, followed by X002 in series, and X004 in parallel. This combination is connected to Y001.

A dialog box titled "輸入梯形圖" (Input Ladder Diagram) is open, showing the configuration for a normally open contact connection:

- Text: 常開接點並聯連接 [1/1] OR 位元(S)
- Dropdown menu: or x5
- Buttons: 確定 (OK), 取消 (Cancel), 說明 (Help)

The software interface includes a menu bar (工程, 編輯, 搜尋/取代, 轉換/編譯, 檢視, 線上, 偵錯, 診斷, 工具, 視窗, 說明), a toolbar, and a navigation pane on the left with the following items:

- 工程 (Project)
- 參數 (Parameters)
- 全域元件註解 (Global Component Comments)
- 程式設定 (Program Settings)
- 程式組件 (Program Components)
- 程式 (Program)
- MAIN
- 局部元件註解 (Local Component Comments)
- 元件記憶體 (Component Memory)

The status bar at the bottom indicates: 繁體中文 (Traditional Chinese), 無標籤 (No Tag), FX3U/FX3UC (Hardware), 本站 (This Station), and 0/1步 (0/1 Step).



GX Works2-編寫程式

The screenshot displays the GX Works2 interface for editing a program. The main window shows a ladder logic diagram with the following components:

- Inputs: X001, X002, X003, X004, X005
- Output: Y001
- Logic: X001 and X003 are connected in parallel to Y001. X002 is connected in series to X001. X004 and X005 are connected in series to X002. A normally closed contact (ANI) is connected to X004.

A dialog box titled "輸入梯形圖" (Input Ladder Diagram) is open, showing the configuration for the ANI contact:

- Text: 常閉接點串聯連接 [1/1] ANI 位元(S)
- Input field: ani t1
- Buttons: 確定 (OK), 取消 (Cancel), 說明 (Help)

The software interface includes a menu bar, a toolbar, and a navigation pane on the left. The status bar at the bottom indicates the language is 繁體中文 (Traditional Chinese), the project is 無標籤 (No Tag), the hardware is FX3U/FX3UC, the version is 本站 (This Site), and the current step is 0/1步 (0/1 Step).



GX Works2-編寫程式

The screenshot displays the GX Works2 software interface for editing a ladder logic program. The main window shows a ladder logic diagram with the following components:

- Inputs: X001, X002, X003, X004, X005
- Timer: T1
- Output: Y001
- End marker: [END]

A dialog box titled "輸入梯形圖" (Input Ladder Diagram) is open, showing the text "啟動線圈 [1/1]" (Start Coil [1/1]) and "OUT 位元(D)" (OUT Bit (D)). The dialog also includes a dropdown menu with "out t1 k5" selected and buttons for "確定" (OK), "取消" (Cancel), and "說明" (Help).

The software interface includes a menu bar with options like "工程(P)", "編輯(E)", "搜尋/取代(D)", "轉換/編譯(C)", "檢視(V)", "線上(O)", "偵錯(B)", "診斷(D)", "工具(T)", "視窗(W)", and "說明(H)". A toolbar with various icons is located below the menu bar. On the left, a navigation pane shows the project structure, including "工程" (Project), "參數" (Parameters), "全域元件註解" (Global Component Comments), "程式設定" (Program Settings), "程式組件" (Program Components), "程式" (Program), "MAIN", "局部元件註解" (Local Component Comments), and "元件記憶體" (Component Memory). The status bar at the bottom indicates "繁體中文" (Traditional Chinese), "無標籤" (No Tag), "FX3U/FX3UC", "本站" (This Station), and "0/1步" (0/1 Step).



GX Works2-Compile

The screenshot displays the GX Works2 software interface. The main window shows a ladder logic program with the following components:

- Step 0: X001 (NO), X003 (NC), X002 (NO) in series, leading to output Y001.
- Step 1: X004 (NO) and T1 (NC) in series, leading to output T1 with a K5 timer.
- Step 2: X005 (NO) leading to output 0.
- End: [END]

A context menu is open over the 'Convert' button in the toolbar, showing the following options:

- 轉換(B) F4
- 轉換+RUN中寫入(O) Shift+F4
- 轉換(全部程式)(R) Shift+Alt+F4

The left sidebar shows the project structure:

- 工程 (Project)
- 參數 (Parameters)
- 全域元件註解 (Global Component Comments)
- 程式設定 (Program Settings)
- 程式組件 (Program Components)
- MAIN (Main Program)
- 局部元件註解 (Local Component Comments)
- 元件記憶體 (Component Memory)

The bottom status bar indicates: 繁體中文 (Traditional Chinese), 無標籤 (No Tag), FX3U/FX3UC (Hardware), 本站 (This Station), and 0/1步 (0/1 Step).



GX Works2-Compile

MELSOFT系列 GX Works2 (未設定工程) - [[PRG]寫入 MAIN 11步]

工程(P) 編輯(E) 搜尋/取代(D) 轉換/編譯(C) 檢視(V) 線上(O) 偵錯(B) 診斷(D) 工具(T) 視窗(W) 說明(H)

導航

工程

- 參數
- 全域元件註解
- 程式設定
- 程式組件
- 程式
 - MAIN
- 局部元件註解
- 元件記憶體

工程

使用者庫

連接目標

繁體中文 無標籤 FX3U/FX3UC 本站 5/11步



GX Works2-Remove

The screenshot shows the GX Works2 interface for a MELSOFT series PLC. The main window displays a ladder logic program with the following components:

- Inputs: X001, X002, X004, X005
- Output: Y001
- Timer: T1 (K5)
- End: [END]

The '線上(O)' menu is open, showing the following options:

- PLC讀取(R)...
- PLC寫入(W)...
- PLC驗證(V)...
- 遠端作業(S)...
- 密碼/關鍵字(K)
- PLC記憶體操作(O)**
 - 格式化PLC記憶體(F)...
 - 清除PLC記憶體(C)...**
 - 整理PLC記憶體(A)...
- 刪除PLC資料(D)...
- PLC使用者資料(E)
 - 程式記憶體的ROM化(F)...
 - 批量轉移程式記憶體(B)
- 鎖存資料備份(L)
- CPU模塊交換(P)
- 時鐘設定(C)...
- 登錄/解除顯示模塊功能表(I)...
- 監視(M)
- 監看(D)
- 批量讀取局部元件+CSV儲存(A)



GX Works2-Remove

The screenshot shows the GX Works2 software interface with a ladder logic diagram in the background. A dialog box titled "清除PLC記憶體" (Clear PLC Memory) is open in the foreground. The dialog box contains the following information:

- 連接目標路徑 (Connection Target Path): 連接接口 (COM1) ↔ CPU模塊 (CPU Module)
- 連接目標PLC (Connection Target PLC): 網路號 (Network No.) 0, 站號 (Station No.) 本站 (This Station), PLC類型 (PLC Type) FX3U/FX3UC
- 對象資料 (Target Data):
 - PLC記憶體(P) (PLC Memory)
 - 元件記憶體 (Component Memory):
 - 資料元件(D) (Data Element)
 - 位元元件(B) (Bit Element)

Buttons at the bottom of the dialog box are "執行(E)" (Execute) and "關閉" (Close).

The background ladder logic diagram shows a network with inputs X001, X002, X003, X004, and X005, a timer T1, and outputs Y001, K5, and END. The network is labeled with step numbers 0, 4, and 10.



GX Works2-Remove

The screenshot shows the GX Works2 software interface with a ladder logic diagram. The diagram includes inputs X001, X002, X003, X004, and X005, and outputs Y001, K5 (T1), and END. A 'Clear PLC Memory' dialog box is open, displaying the following information:

- 連接目標路徑: 連接接口 COM1, CPU模塊
- 連接目標PLC: 網路號 0, 站號 本站, PLC類型 FX3U/FX3UC
- 對象資料: PLC記憶體(P)
- 元件記憶體: 資料元件(D), 位元元件(B)

A warning dialog box titled 'MELSOFT應用程式' is overlaid on the main dialog, asking '清除記憶體。確定嗎?' (Clear memory. Are you sure?) with '是(Y)' (Yes) and '否(N)' (No) buttons.

At the bottom of the software window, the status bar shows: 繁體中文, 無標籤, FX3U/FX3UC, 本站, 7/11步.



GX Works2-Remove

The screenshot shows the GX Works2 software interface with a ladder logic diagram. The diagram consists of three rungs: Rung 0 with normally open contacts X001 and X003 leading to coil Y001; Rung 4 with normally open contacts X002 and X004, and a normally closed contact T1 leading to coil K5; Rung 10 with normally open contact X005 leading to coil [END].

A dialog box titled "清除PLC記憶體" (Clear PLC Memory) is open in the center. It contains the following fields and options:

- 連接目標路徑 (Connection Target Path): 連接接口 (Connection Interface) is set to COM1, and CPU模塊 (CPU Module) is selected.
- 連接目標PLC (Connection Target PLC): 網路號 (Network No.) is 0, 站號 (Station No.) is 本站 (This Station), and PLC類型 (PLC Type) is FX3U/FX3UC.
- 對象資料 (Target Data): PLC記憶體(P) (PLC Memory) is checked.
- 元件記憶體 (Component Memory): 資料元件(D) (Data Component) and 位元元件(B) (Bit Component) are checked.

Overlaid on the dialog box is a smaller "MELSOFT應用程式" (MELSOFT Application) dialog box with the message "已完成" (Completed) and a "確定" (OK) button. At the bottom of the main dialog box are "執行(E)" (Execute) and "關閉" (Close) buttons.

The status bar at the bottom of the software window shows: 繁體中文 (Traditional Chinese), 無標籤 (No Tag), FX3U/FX3UC, 本站 (This Station), and 7/11步 (7/11 Steps).



GX Works2-Write

The screenshot displays the GX Works2 software interface. The main window shows a ladder logic program with three rungs. Rung 0 contains a normally open contact X001 in series with a normally closed contact X003, leading to coil Y001. Rung 4 contains a normally open contact X004 in series with a normally closed contact T1, leading to coil K5 (T1). Rung 10 is the END rung. A context menu is open over the program, listing various functions such as PLC reading, writing, and monitoring. The status bar at the bottom indicates the current step is 7/11.

MELSOFT系列 GX Works2 (未設定工程) - [[PRG]寫入 MAIN 11步]

工程(P) 編輯(E) 搜尋/取代(F) 轉換/編譯(C) 檢視(V) 線上(O) 偵錯(B) 診斷(D) 工具(T) 視窗(W) 說明(H)

PLC讀取(R)...
PLC寫入(W)...
PLC驗證(V)...
遠端作業(S)...
密碼/關鍵字(K)
PLC記憶體操作(O)
刪除PLC資料(D)...
PLC使用者資料(E)
程式記憶體的ROM化(R)...
批量轉移程式記憶體(B)
鎖存資料備份(L)
CPU模塊交換(P)
時鐘設定(C)...
登錄/解除顯示模塊功能表(I)...
監視(M)
監看(D)
批量讀取局部元件+CSV儲存(A)

[PRG]寫入 MAIN 11步

0 X001 X003 (Y001)

4 X004 T1 (T1 K5)

10 [END]

繁體中文 無標籤 FX3U/FX3UC 本站 7/11步



GX Works2-Write

MELSOFT系列 GX Works2 (未設定工程) - [[PRG]寫入 MAIN 11步

線上資料作業

連接目標路徑
[序列通訊CPU模塊連接(RS-232C)] 系統影像(G)...

讀取(U) 寫入(W) 驗證(M) 刪除(D)

CPU模塊 執行對象資料的有無(無 / 有)

標題

編輯中的資料 參數+程式(P) 全選(A) 取消全選(N)

模塊名/資料名	標題	對象	進階	更新時間	對象記憶體	容量
[未設定工程]						
PLC資料					程式記憶體/元件...	
程式(程式檔案)		<input type="checkbox"/>				
MAIN		<input type="checkbox"/>		2016/04/19 14:29:17		
參數		<input type="checkbox"/>				
PLC參數/網路參數		<input type="checkbox"/>		2016/04/19 14:29:16		
全域元件註解		<input type="checkbox"/>				
COMMENT		<input type="checkbox"/>	進階	2016/04/19 14:29:17		
元件記憶體		<input type="checkbox"/>	進階			
MAIN		<input type="checkbox"/>		2016/04/19 14:29:18		

程式大小 必須設定(未設定 / 已設定) 必要時設定(未設定 / 已設定)
0步 8,000步 更新為最新資訊(R)

關聯功能(F)▲ 執行(E) 關閉

遠端作業 時鐘設定 清除PLC記憶體

繁體中文 無標籤 FX3U/FX3UC 本站 7/11步



GX Works2-Write

MELSOFT系列 GX Works2 (未設定工程) - [[PRG]寫入 MAIN 11步]

線上資料作業

連接目標路徑
[序列通訊CPU模塊連接(RS-232C)] 系統影像(G)...

讀取(U) 寫入(W) 驗證(M) 刪除(D)

CPU模塊 執行對象資料的有無(無 / 有)

標題

編輯中的資料 參數+程式(P) 全選(A) 取消全選(N)

模塊名/資料名	標題	對象	進階	更新時間	對象記憶體	容量
(未設定工程)						
PLC資料					程式記憶體/元件...	
程式(程式檔案)		<input checked="" type="checkbox"/>				
MAIN		<input checked="" type="checkbox"/>		2016/04/19 14:29:17		11步
參數		<input checked="" type="checkbox"/>				
PLC參數/網路參數		<input checked="" type="checkbox"/>		2016/04/19 14:29:16		
全域元件註解		<input checked="" type="checkbox"/>				
COMMENT		<input type="checkbox"/>	進階	2016/04/19 14:29:17		
元件記憶體		<input type="checkbox"/>	進階			
MAIN		<input type="checkbox"/>		2016/04/19 14:29:18		

程式大小 必須設定(未設定 / 已設定) 必要時設定(未設定 / 已設定)
11步 16,000步 更新為最新資訊(R)

關聯功能(F)▲ 執行(E) 關閉

遠端作業 時鐘設定 清除PLC記憶體

繁體中文 無標籤 FX3U/FX3UC 本站 7/11步



GX Works2-Monitor

The screenshot displays the GX Works2 software interface. The main window shows a ladder logic diagram with three rungs. Rung 0 contains a normally open contact X001 in series with a normally closed contact X003, leading to output Y001. Rung 4 contains a normally open contact X002 in series with a normally open contact X004, leading to a timer T1. Rung 10 contains a normally open contact X005 in series with a normally open contact T1, leading to a coil K5. The diagram is labeled "[PRG]寫入 MAIN 11步".

The "線上(O)" menu is open, showing the following options:

- PLC讀取(R)...
- PLC寫入(W)...
- PLC驗證(V)...
- 遠端作業(S)...
- 密碼/關鍵字(K)
- PLC記憶體操作(O)
- 刪除PLC資料(D)...
- PLC使用者資料(E)
- 程式記憶體的ROM化(E)...
- 批量轉移程式記憶體(B)
- 鎖存資料備份(L)
- CPU模塊交換(P)
- 時鐘設定(C)...
- 登錄/解除顯示模塊功能表(I)...
- 監視(M)**
- 監看(D)
- 批量讀取局部元件+CSV儲存(A)

The "監視(M)" sub-menu is open, showing the following options:

- 監視模式(R) F3
- 監視(寫入模式)(W) Shift+F3
- 開始監視(全視窗)(A)
- 停止監視(全視窗)(S)
- 開始監視(M)
- 停止監視(I) Alt+F3
- 切換當前值顯示(10進位)(D)
- 切換當前值顯示(16進位)(H)
- 批量監視元件/緩衝記憶體(B)
- 監視程式清單(O)...
- 監視中斷程式清單(I)...
- 監視條件設定(X)...
- 監視停止條件設定(Y)...
- 梯形圖登錄監視(C)...
- 刪除全部登錄梯形圖(N)
- 選擇FB實例(E)...
- 批量監視SFC全部塊(L)
- SFC自動捲動監視(U)

The status bar at the bottom shows "繁體中文", "無標籤", and "7/11步".



GX Works2-Remote Control

The screenshot displays the GX Works2 software interface. The main window shows a ladder logic diagram with the following components:

- Step 0: X001 (NO) and X003 (NC) in series.
- Step 4: X004 (NO) and X005 (NO) in parallel, leading to a timer T1 (K5).
- Output Y001 is connected to the main power line.
- The diagram ends with an END instruction.

A context menu is open over the diagram, listing various actions:

- 線上(O)
- 偵錯(B)
- 診斷(D)
- 工具(T)
- 視窗(W)
- 說明(H)
- PLC讀取(R)...
- PLC寫入(W)...
- PLC驗證(V)...
- 遠端作業(S)...
- 密碼/關鍵字(K)
- PLC記憶體操作(O)
- 刪除PLC資料(D)...
- PLC使用者資料(E)
- 程式記憶體的ROM化(E)...
- 批量轉移程式記憶體(B)
- 鎖存資料備份(L)
- CPU模塊交換(P)
- 時鐘設定(C)...
- 登錄/解除顯示模塊功能表(I)...
- 監視(M)
- 監看(D)
- 批量讀取局部元件+CSV儲存(A)

The status bar at the bottom indicates: 繁體中文, 無標籤, FX3U/FX3UC, 本站, 7/11步.



GX Works2-Remote Control

The screenshot displays the GX Works2 software interface for remote control. The main window shows a ladder logic program with the following components:

- Inputs: X001, X002, X003, X004, X005
- Timer: T1 (set to 4)
- Output: Y001
- Relay: K5 (set to 0)
- End: [END]

The "遠端作業" (Remote Operation) dialog box is open, showing the following configuration:

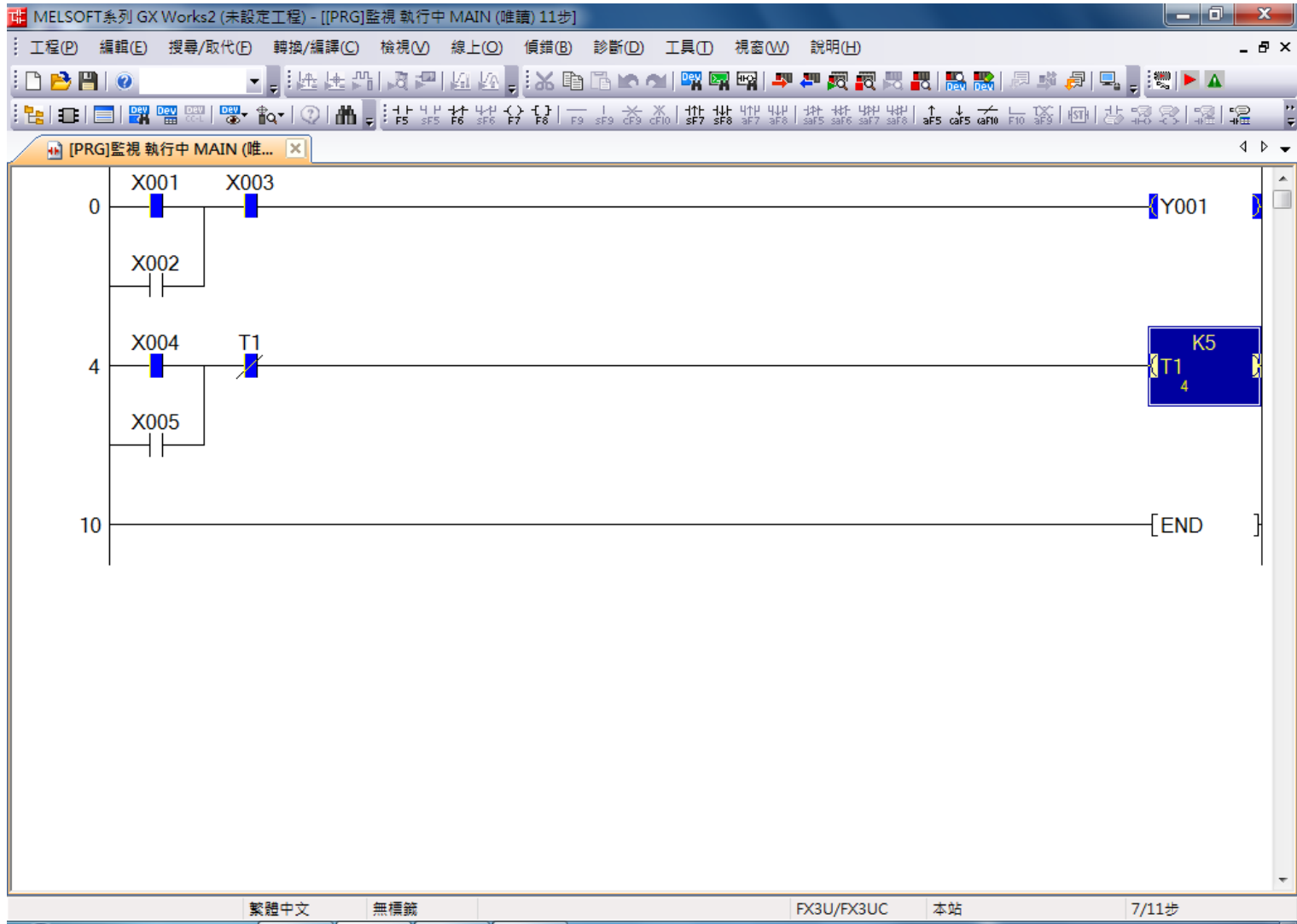
- 連接目標路徑: (empty)
- 連接接口: COM1 ↔ CPU模塊
- 連接目標PLC: 網路號 0, 站號 本站, PLC類型 FX3U/FX3UC
- LED狀態: POWER (ON), RUN (ON), BATT (OFF), ERROR (OFF)
- 操作: RUN(R) and STOP(O) buttons
- 關閉 (Close) button

A warning dialog box titled "MELSOFT應用程式" is displayed, asking "執行RUN操作嗎?" (Execute RUN operation?). The options are "是(Y)" (Yes) and "否(N)" (No).

The status bar at the bottom shows: 繁體中文, 無標籤, FX3U/FX3UC, 本站, 7/11步



GX Works2-Remote Control





GX Works2-annotation

The screenshot displays the GX Works2 software interface. The menu bar includes: 工程(P), 編輯(E), 搜尋/取代(D), 轉換/編譯(C), 檢視(V), 線上(O), 偵錯(B), 診斷(D), 工具(I), 視窗(W), 說明(H). The menu is open, showing options such as 復原(U) Ctrl+Z, 取消復原(B) Ctrl+Y, 剪下(D) Ctrl+X, 複製(C) Ctrl+C, 貼上(P) Ctrl+V, 連續貼上(Q)... Ctrl+Alt+V, 刪除(D) Del, 恢復為梯形圖轉換後的狀態(V), 插入列(W) Shift+Ins, 刪除列(E) Shift+Del, 插入欄(N) Ctrl+Ins, 刪除欄(M) Ctrl+Del, 批量插入NOP(H)..., 批量刪除NOP(A), 寫入劃線(I) F10, 刪除劃線(L) Alt+F9, 變更TC設定值(G)..., 梯形圖編輯模式(Z), 梯形圖符號(S), 內嵌ST(X), 編輯FB實例名(B)..., 建立文件(O), 簡易編輯(Y), 從CSV檔案讀取(U)..., 寫入到CSV檔案(O)..., 編輯元件註解(C), 編輯陳述式(S), 編輯便箋(N), 批量編輯陳述式/便箋(A)...

The main workspace shows a ladder logic diagram with several rungs. A blue selection box is present on the first rung. The rungs contain the following logic:

- Rung 1: [SET S0]
- Rung 2: [STL S0]
- Rung 3: (Y000)
- Rung 4: [SET S20]
- Rung 5: [STL S20]
- Rung 6: (Y001)
- Rung 7: (T1 K10)



GX Works2-annotation

The screenshot displays the GX Works2 interface for editing a ladder logic program. The main window shows a ladder logic diagram with the following components:

- Step 25: A normally open contact connected to coil (Y003).
- Step 29: A normally open contact labeled T3 connected to coil [SET S0].
- Step 38: A coil [RET].

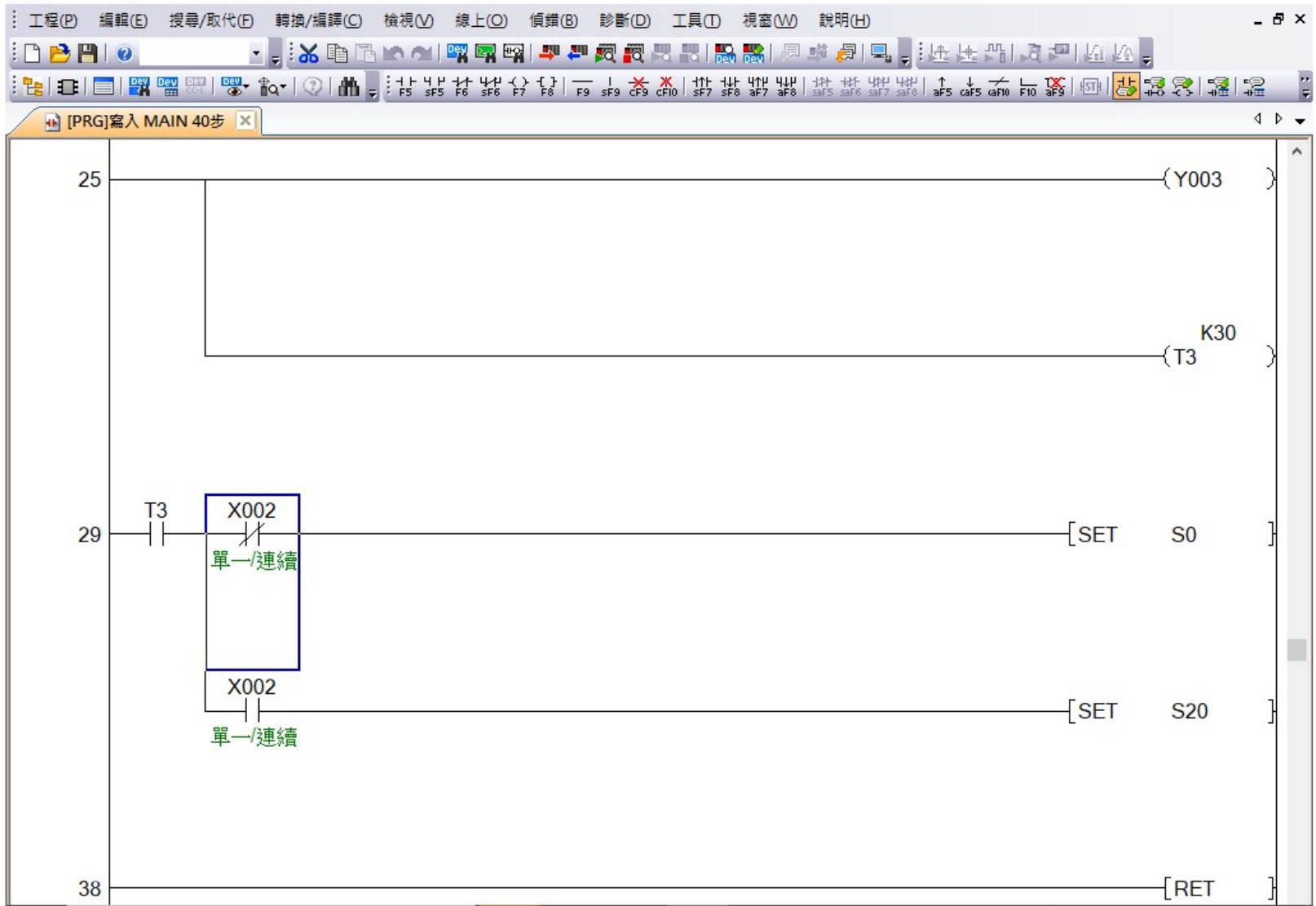
An annotation dialog box titled "輸入註解" (Input Annotation) is open over the X002 contact. It contains the following information:

元件/標籤	元件/標籤註解
X002	單一/連續

The dialog also includes a "預覽" (Preview) section showing "單一/連續" and buttons for "確定" (OK) and "取消" (Cancel).



GX Works2-annotation





GX Works2-annotation

The screenshot displays the GX Works2 interface with a menu open over a ladder logic diagram. The menu options are:

- 工具列(I)
- 狀態列(B)
- 色彩及字型(C)...
- 銜接視窗(K) ▶
- 顯示註解(M) Ctrl+F5
- 顯示陳述式(S) Ctrl+F7
- 顯示便箋(O) Ctrl+F8
- 顯示當前值監視列(W)...
- 元件註解顯示格式(Q)...**
- 隱藏梯形圖塊(D) Ctrl+Num -
- 顯示梯形圖塊(L) Ctrl+Num +
- 隱藏全部梯形圖塊①
- 顯示全部梯形圖塊(P)
- 顯示元件(V) Ctrl+Alt+F6
- 元件批量顯示(E)
- 解除元件批量顯示(V)
- 顯示編譯結果(A)...
- 放大/縮小(Z)...
- 字元大小(S) ▶
- 水平並排開啟FB(H) Ctrl+Shift+Enter
- 開啟標籤設定(N)
- 開啟Zoom源塊(F) Ctrl+R
- 移動SFC圖的游標(U) ▶
- 開啟指令說明(R)...

The background diagram shows a ladder logic network with the following elements:

- Step 25: A normally open contact labeled T3.
- Step 29: A normally open contact labeled X002 with the annotation "單一/連續" (Single/Continuous).
- Step 29: A normally closed contact labeled X002 with the annotation "單一/連續" (Single/Continuous).
- Step 38: A normally open contact labeled X002 with the annotation "單一/連續" (Single/Continuous).
- Outputs: Y003, K30 (T3), [SET S0], [SET S20], and [RET].



GX Works2-annotation

The screenshot displays the GX Works2 software interface. The main window shows a ladder logic diagram with rungs 25, 29, 38, and 39. Rung 25 contains a normally open contact labeled 'T3' connected to output 'Y003'. Rung 29 contains two normally open contacts labeled '單' connected to output 'S0'. Rung 38 contains a coil labeled 'SET S20'. Rung 39 contains a coil labeled 'END'. The background shows a keyboard and a mouse.

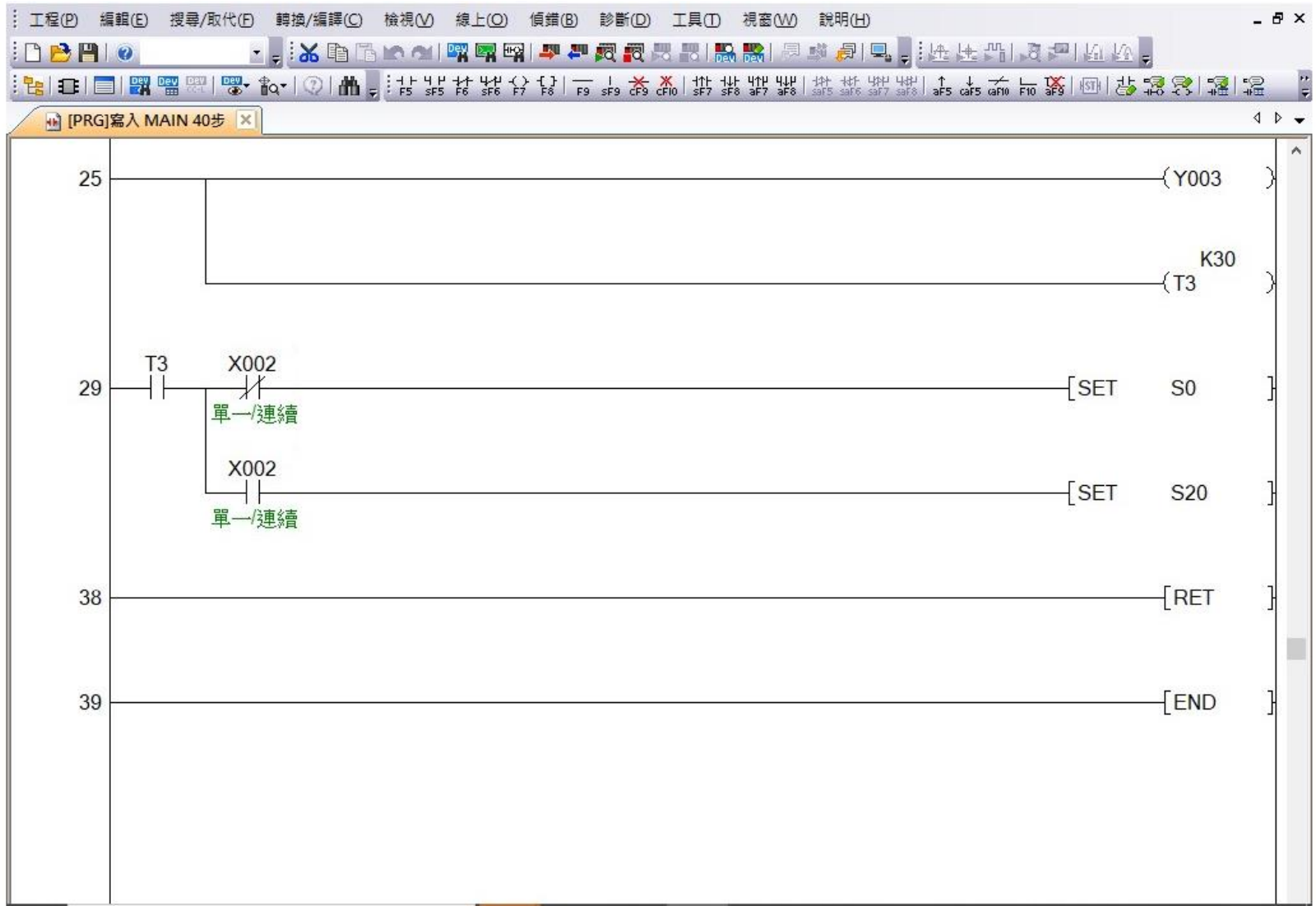
The dialog box, titled '選項 - (未設定工程)', is open in the foreground. It contains the following settings:

- 註解的顯示項目:**
 - 元件註解(D)
 - 便箋(N)
 - 陳述式(S)
- 元件註解的顯示格式:**
 - 列數(R): 1 (dropdown menu with options 1, 2, 3, 4)
 - 欄數(C): 8 (dropdown menu)
 - 顯示字元數: 8字元
- 說明:** 設定標籤註解或元件註解的顯示列數以及欄數。

Buttons at the bottom of the dialog include: 恢復為預設值, 恢復為既定值, 設定為既定值, 確定, and 取消.



GX Works2-annotation





謝謝大家~~