How to use Smart Active Parts (Device Library)

Contents

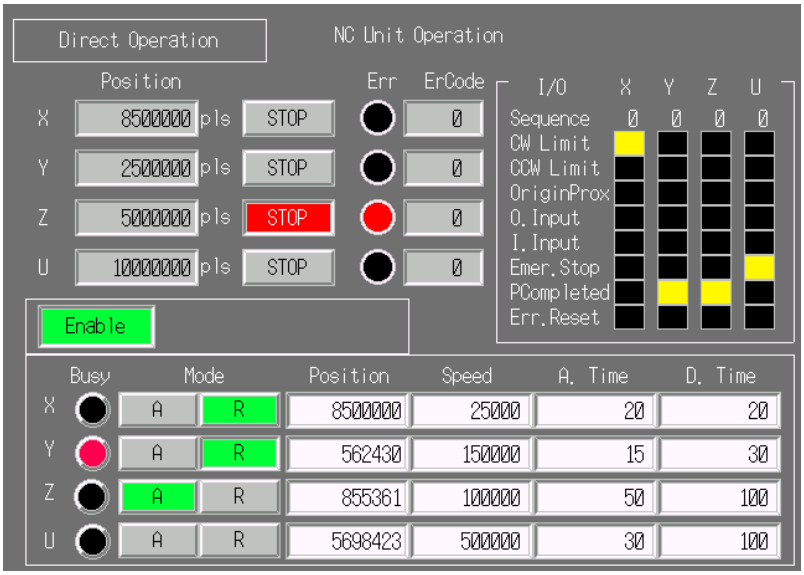
Revision History

Date	Page	Contents
April 25,2003	All	Original Production
May 27, 2003	8	Addition of information related to the communications setting
July 23,2003	All	Name defined as Device Library has been changed to Smart Active Parts.
	6,7	Images of NS-Designer changed
	10	Addition of information related to connection between NS Hardware and PLC.

Section 1 Overview

1-1 What are Smart Active Parts (Device Library) ?

Smart Active Parts (Device Library) are generic name of libraries contained setting/monitor screens (E.g. Position Controller Units and Temperature Controllers). Users can make setting/monitor screens simply reusing Smart Active Parts which should have created according to Units for PLC before. Since Smart Active Parts are the sophisticated libraries which include communication settings, refer to Section 3 precautions for use of Smart Active Parts and Section 4 precautions for details on editing Smart Active Parts.



Features

Smart Active Parts has the following features.

- Smart Active Parts have communication functions so that no communication programs are required (Programless communication) to communicate with units (Temperature Controller, Position Controller Unit, DRT2 etc…).
- Smart Active Parts can be reused from the Use Library under Tools in the NS-Designer. All communication addresses for setting/monitor screens are automatically set just specifying Match No. or Unit No. of destination when reusing it. It is not necessary to check those using manuals as ever.
- Setting/monitor screens for NC and DRT2 can be created simply combining device libraries so that they work like the dedicated tools, such as CX-Position and Configurator, with PT.

Section 2 Procedure for Reusing Smart Active Parts

2-1 The following smart active parts are provided

CJ1M

Functions for Built-in Input Setting, Origin Search and Origin Return

DRT2

ID16/ID16S/ID08/ID08C/HD16C/OD16/OD08/OD08C

DeviceNet, E5ZN

PID Setting, Commands, SP Setting, Setting Area 0, and Front Panel

Network Monitor

CLK Network Status Monitor and DeviceNet Status Monitor

Position Controller Unit

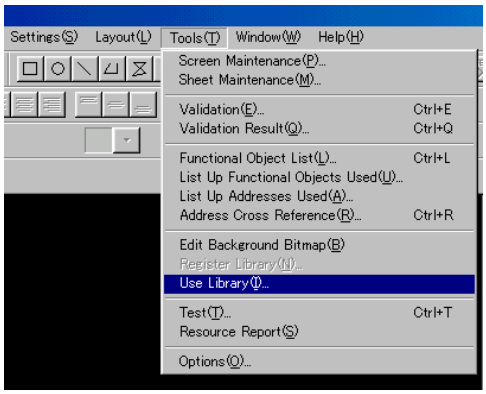
Direct Operation, JOG Operation, Origin Search, Origin Return, Teach, Changing Present Value, and Input Data Screens

2-2 How to Use Smart Active Parts

To use Smart Active Parts, select ***Use*** in the Use Library dialog box under ***Tools*** and paste the selected Smart Active Parts on the screen.

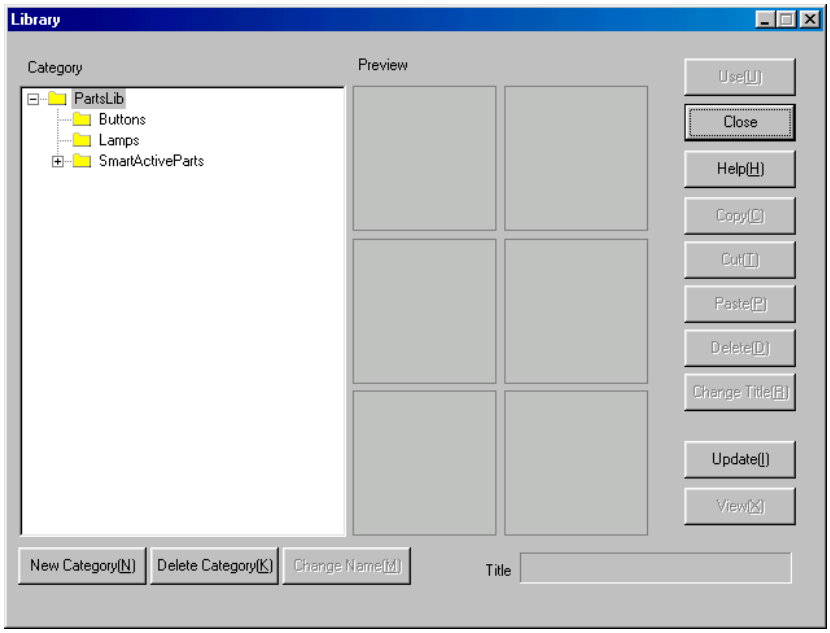
The procedure for pasting Smart Active Parts is as follows.

1. Select Tools-Use Library on the tool bar.

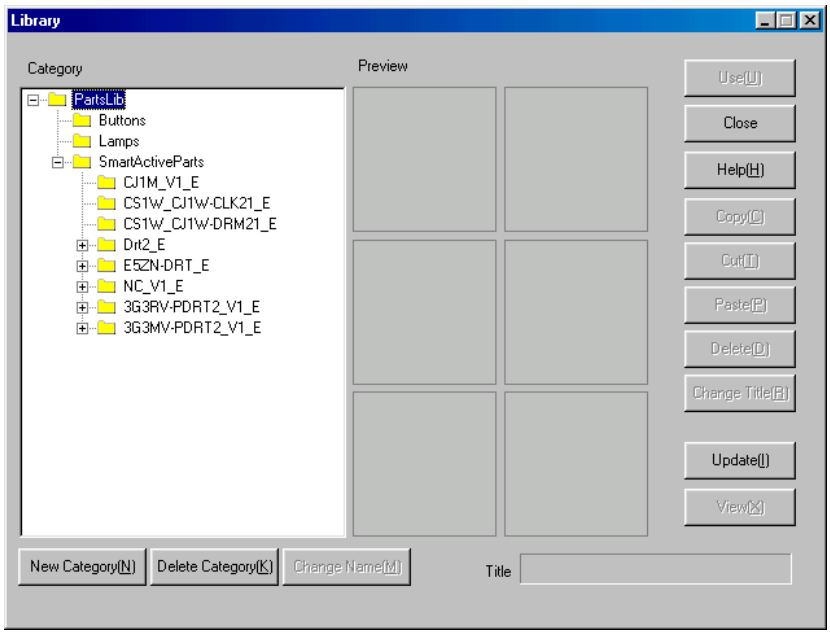


2. Select the desired Smart Active Parts

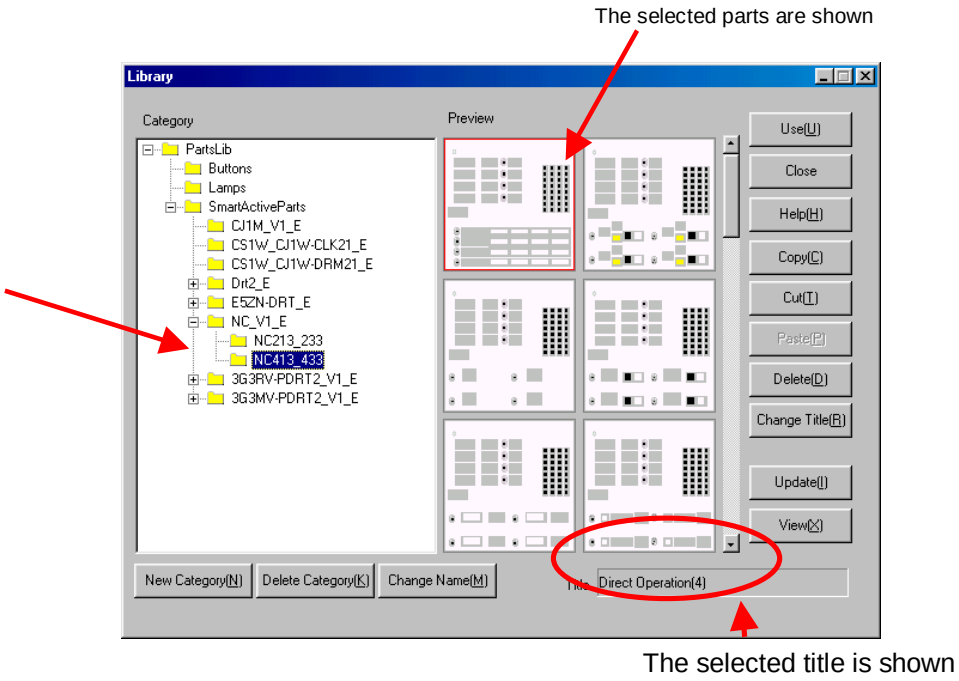
When selecting Use Library, the following Library dialog box appears.



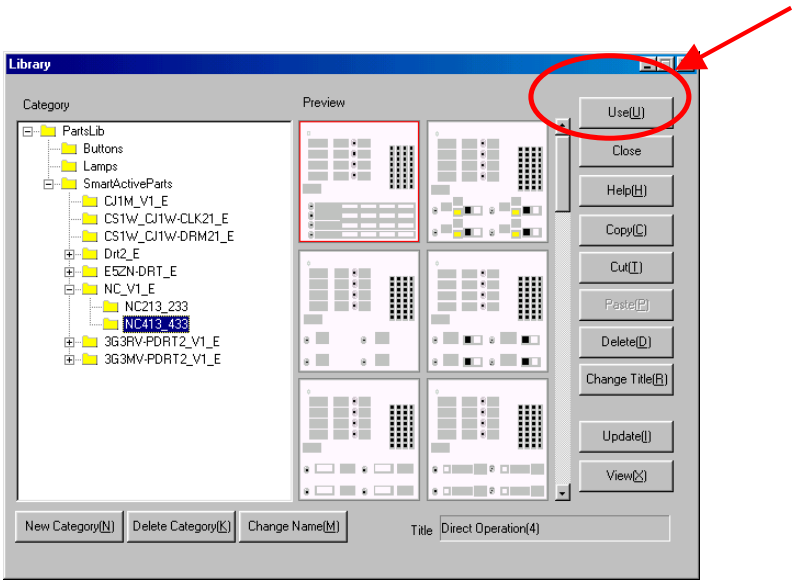
When double clicking on the SmartActiveParts folder in the list box of Category, the installed device libraries will appear.



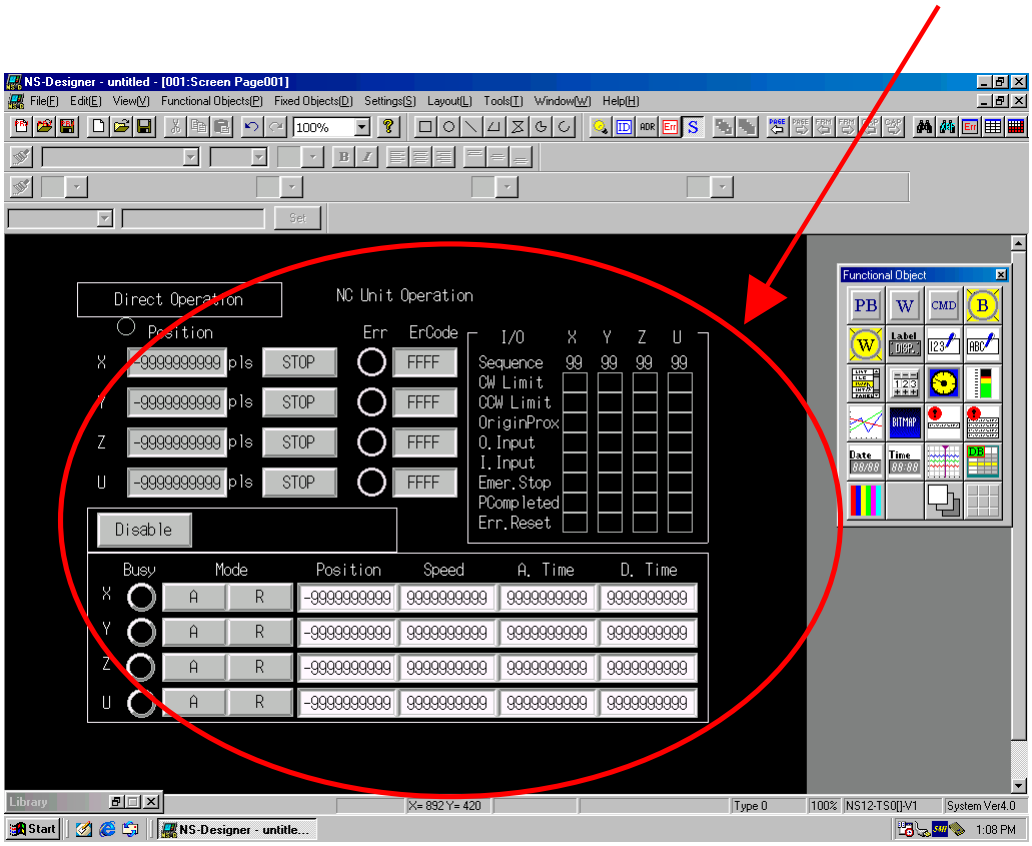
Select the desired device folder under the SmartActiveParts, and then libraries relating to the selected device will be displayed in thumbnail-size images. Click the thumbnail-size image to show the desired Smart Active Parts. The title of the selected Smart Active Parts will be shown in the title field at the bottom of the dialog.



3. Select the desired library in the preview box and click the Use button at the top right of the dialog box.



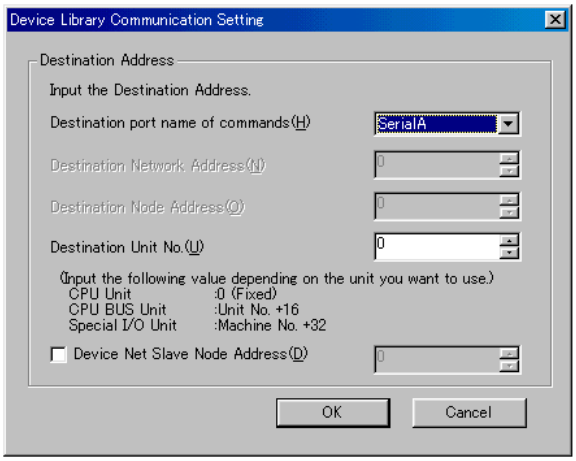
4. When clicking the Use button, the selected Smart Active Parts will be pasted on the top left of top left of the screen.



5. Communication settings

Click the Smart Active Parts after pasting it on the screen. Smart Active Parts Communication Setting dialog box appears. Make the settings for the following items.

No.	Item	Details
1	Destination port name of commands	Selects the port name of PT connected to the PLC
2	Destination Unit No.	Sets Unit No. or Match No., such as Position Controller Unit * Make sure that the number must be 16 or higher for CPU Bus unit and 32 or higher for Special I/O unit.
3	DeviceNet Slave Address	Check if the selected Smart Active Parts is DeviceNet Slave and then set the address



In a series of sharing Smart Active Parts have been completed.

Refer to Section 3 precautions for use of Smart Active Parts and Section 4 precautions for details on editing Smart Active Parts.

Section 3 Precautions for Use of Smart Active Parts

Please note that the following precautions when using Smart Active Parts.

3-1 Operating Environment

1. NS-Designer Ver.4.0 is required.

2. Project data version 3.0 or later (version shown beside the System Version in the Project Property dialog under Settings in the NS-Designer) is required for operating project (screen data).

If you try to paste Smart Active Parts on the screen with project data version 2.0 or earlier, a warning message dialog appears and Smart Active Parts cannot be pasted on the screen.

3. When connecting the PLC and PT by a Serial network (1:N NT Links), set ***NT/PC Link Max*** on the ***Settings-Host Link Port*** tab Page in the CX-Programmer to a value greater than 1.

3-2 Precautions for use of Smart Active Parts

Smart Active Parts have the following restrictions unlike other functional objects, such as buttons and lamps.

Smart Active Parts cannot be copied, pasted, or cut.

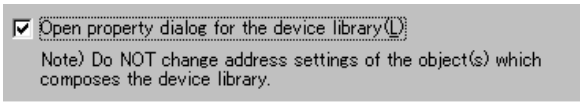
To place the same Smart Active Parts more than one, select ***Tools***-***Use Library*** and click the desired sample.

Screens contained Smart Active Parts cannot be duplicated or deleted in the Screen Maintenance. Delete the Smart Active Parts first and then perform screen maintenance.

Section 4 Precautions for Editing Smart Active Parts

Please note that the following precautions when using Smart Active Parts.

To edit Smart Active Parts, check the Open property dialog for the Smart Active Parts in the Edit/Disp tab of Options dialog box under the Tools.



Smart Active Parts cannot be edited without checking it.

To edit objects grouped as Smart Active Parts, double click on the desired object. The appropriate property dialog box appears and you can edit it.

Make sure that size and position will NOT be reflected to the Smart Active Parts even if the value has been changed. (Size and position for objects grouped as Smart Active Parts are fixed.) However, size and position for Smart Active Parts itself can be changed.

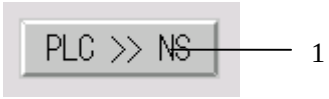
Color and text attribute set for Smart Active Parts cannot be copied.

Section 5 Manipulating Smart Active Parts

This section describes functions, setting items and operations for Smart Active Parts (Device Library).

Model	CJ1M	Location	SmatActiveParts \CJ1M_V1	Title	Settime PLC->NS
Function	Sets time and date information (year, month, date, time, minute, and second) in the PLC to the internal clock of PT.				

[Image]



No.	Item	Setting/ Display	Details
1	PLC >> NS	Setting	Sets time and date information (year, month, date, time, minute, and second) in the PLC to the internal clock of PT. A day of the week is calculated by date information in the PT. If a day of the week and date set in the PLC are not matched, a day of the week calculated by date will be reflected to the PT so date information for PLC and PT may vary according to preset data in the PLC.

[Note]

CS/CJ Series PLCs are supported.

Model	CJ1M	Location	SmatActiveParts \CJ1M_V1	Title	Settime PLC->NS
Function	Sets time and date information (year, month, date, time, minute, and second) in the PT to the internal clock of PLC.				

[Image]

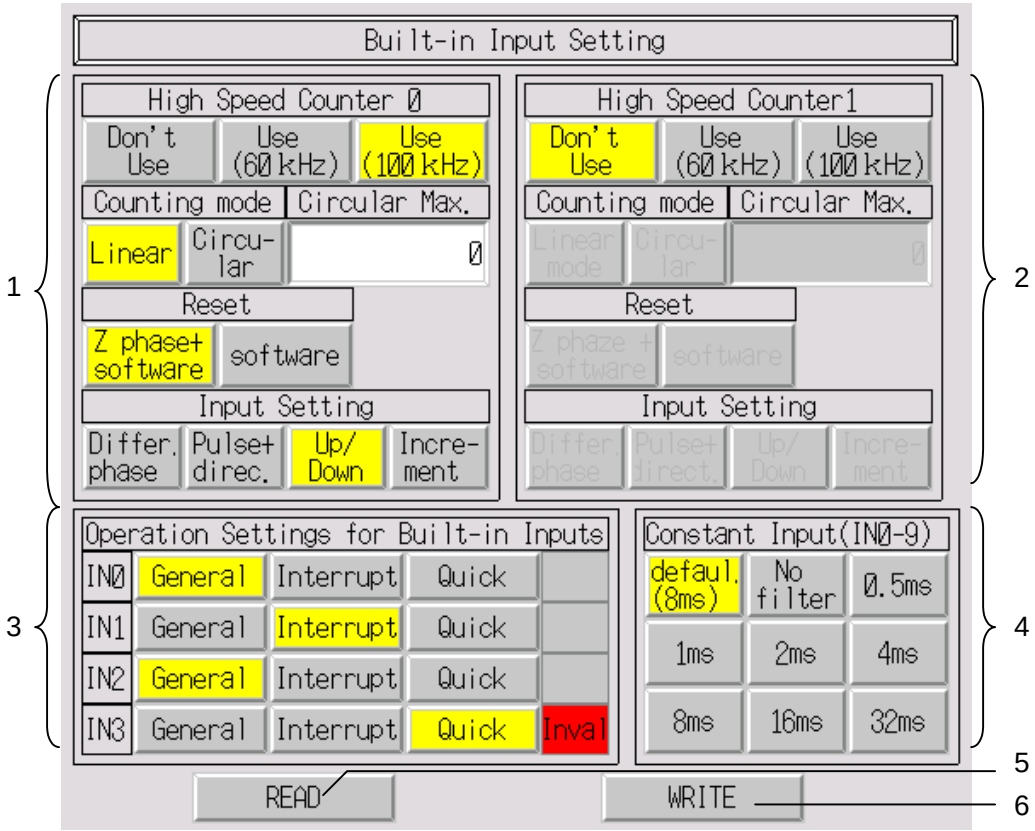
No.	Item	Setting/ Display	Details
1	NS >> PLC	Setting	Sets time and date information (year, month, date, time, minute, and second) in the PT to the internal clock of PLC.

[Note]

- CS/CJ Series PLCs are supported.

Model	CJ1M	Location	SmatActiveParts \CJ1M_V1	Title	Built-in Input Setting
Function	Allocate General Input, Interrupt Input, Quick, or High Speed Counter to bits (from 00 to 09 bits of 2960 words) for CPU Unit Built-in Input.				

[Image]



No.	Item	Setting/ Display	Details
1	High Speed Counter 0	Setting	Makes the settings for High Speed Counter 0.
2	High Speed Counter 1	Setting	Makes the settings for High Speed Counter 1.
3	Input Operation Settings for Built-in Inputs	Setting	Makes the settings for Built-in Inputs IN 0 to 3.
4	Constant Input	Setting	Sets constant when performing general input
5	Read	Setting	Reads information set in the PLC and display it on the screen
6	Write	Setting	Writes settings in the screen to the PLC

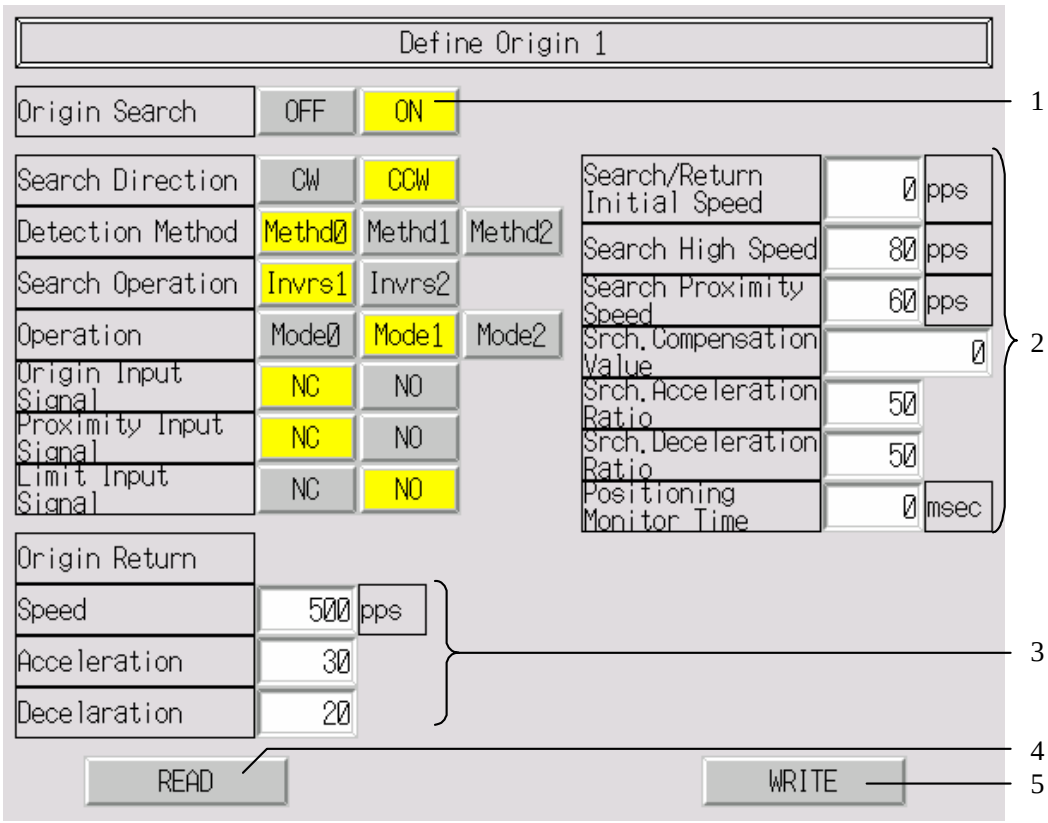
[Note]

When Z phase and software reset are selected in the Input Setting for High Speed Counter 0, Z phase (reset input) will be allocated to IN3.

When Z phase and software reset are selected in the Input Setting for High Speed Counter 1, Z phase (reset input) will be allocated IN2.

Model	CJ1M	Location	SmatActiveParts ＼CJ1M_V1	Title	Define Origin 1, Define Origin 2
Function	Makes settings for Origin Search function and Origin Return function.				

[Image]



No.	Item	Setting/ Display	Details
1	Origin Search	Setting	Sets whether the Pulse Output 0/1 Origin Search is used or not.
2	Parameters for Origin Search	Setting	Sets parameters used for Origin Search.
3	Parameters for Origin Return	Setting	Sets parameters used for Origin Return.
4	Read	Setting	Reads information set in the PLC and display it on the screen
5	Write	Setting	Writes settings in the screen to the PLC

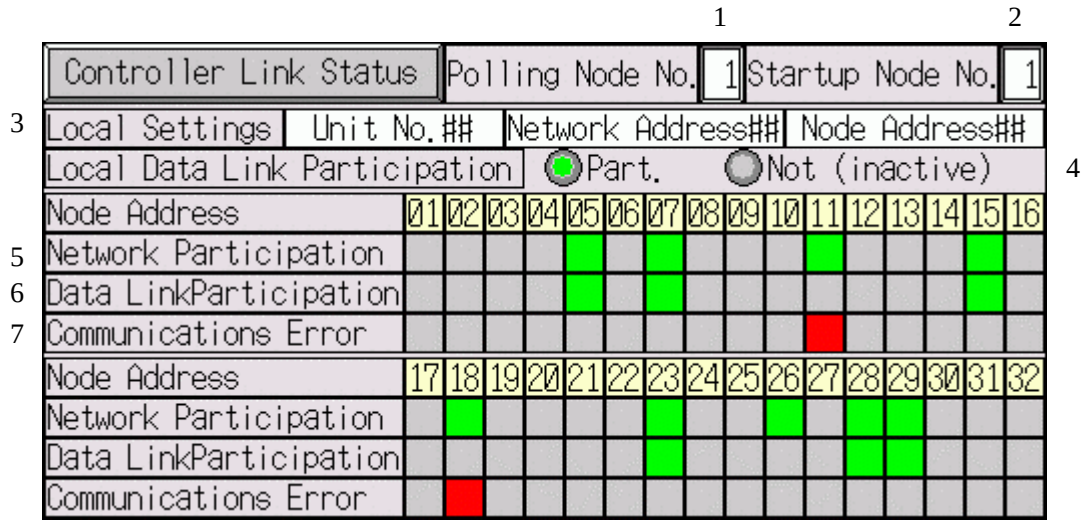
[Note]

When selecting ON for Pulse Output 0 Origin Search, interrupt input 0 and 1, PMW output o cannot be used. However, those can be used for High Speed Counter 0 and 1.

When selecting ON for Pulse Output 1 Origin Search, it occupies IN2, IN3, and OUT5 besides pulse output so it cannot be used for other functions.

Model	CS1W-CLK21 CJ1W-CLK21	Location	SmatActiveParts ＼ CS1W_CJ1W-CLK21_V1	Title	Network Status Monitor
Function	Monitors CLK networking status.				

[Image]

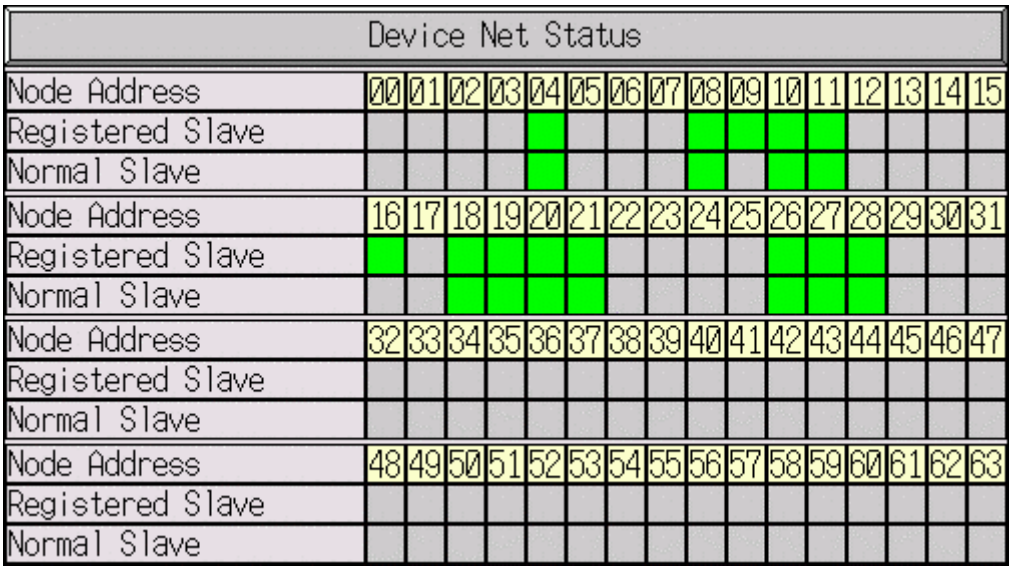


No.	Item	Setting/ Display	Details
1	Polling Node No.	Display	Displays polling node No. for CLK network.
2	Startup Node No.	Display	Displays startup node No. for CLK network.
3	Local Setting	Display	No item is displayed. U ser can make original settings when creating a screen.
4	Local Data Link Participation	Display	Displays data link participation status either participate (part.) or not participate (Not).
5	Network Participation	Display	Displays network participation status by node.
6	Data Link Participation	Display	Displays data link participation status by node.
7	Communications Error	Display	Displays whether an error is being occurred by node.

[Note]

Model	CS1W-DRM21 CJ1W-DRM21	Location	DV＼CS1W_CJ1W-DRM21_V1	Title	Network Status Monitor
Function	Monitors Device network communication status when using CS1W-DRM/CJ1W-DRM21 as a master.				

[Image]

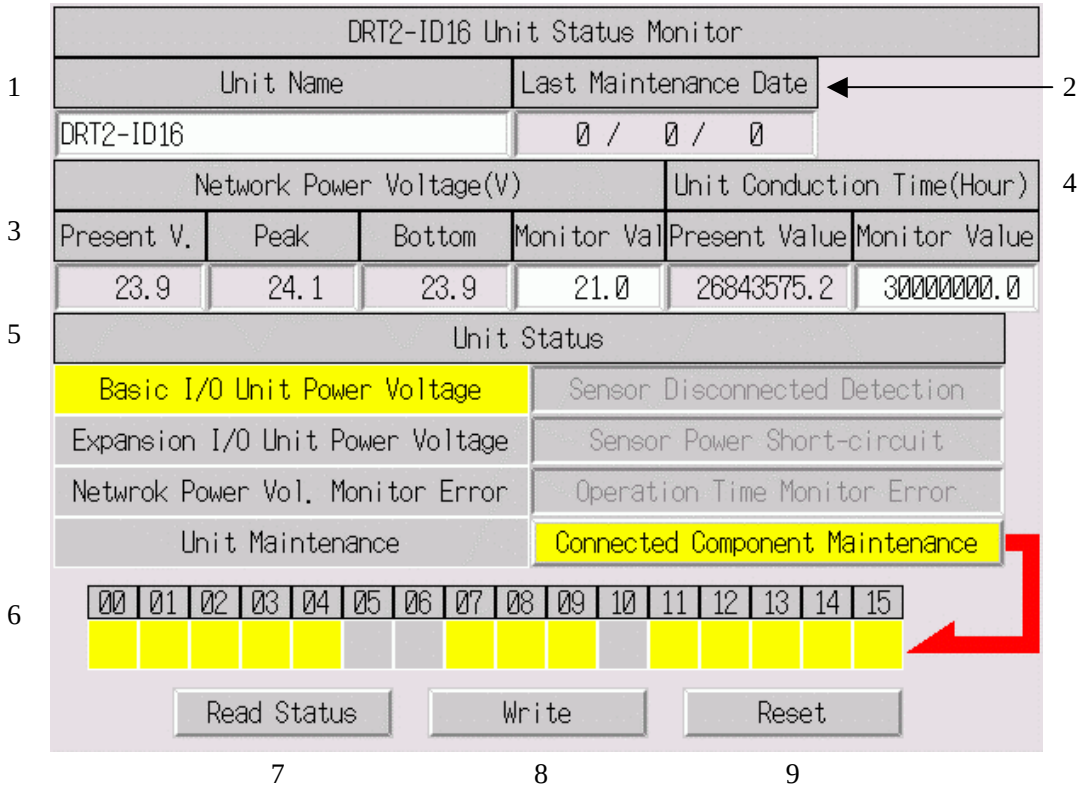


No.	Item	Setting/ Display	Details
1	Registered Slave	Display	Displays slave node address registered in the scan list of the master.
2	Normal Slave	Display	Displays slave node No. which is being communicated normally.

[Note]

Model	DRT2	Location	DV\DRT2_V1\ DRT2-XXXXX	Title	Unit Status Monitor
Function	Makes settings for unit status monitor and parameters.				

[Image]

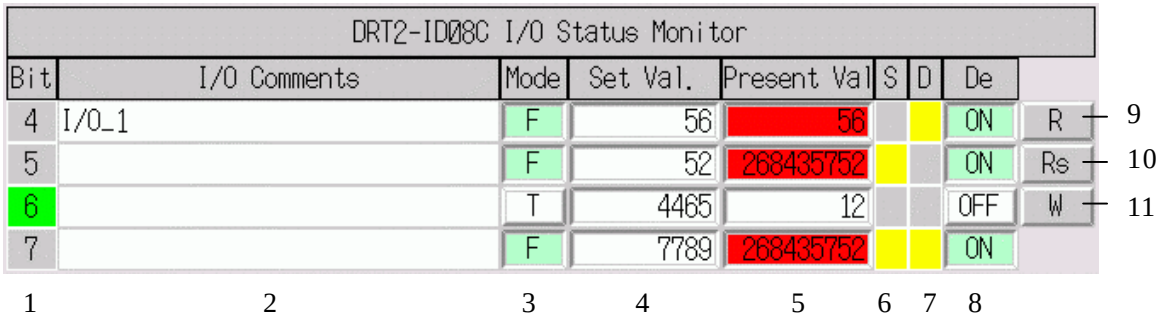


No.	Item	Setting/ Display	Details
1	Unit Name	S / D	Displays unit name set in the unit. The unit name can be changed.
2	Last Maintenance Date	Display	Displays the date which maintenance was last performed to be written to the Unit. The date cannot be changed.
3	Network Power Voltage	S / D	Displays present value (Present V.), peak, bottom, monitor value (Monitor Val.) for the Network Power Voltage. The monitor value can be set.
4	Unit Conduction Time	S / D	Displays present value and monitor value for the Unit Conduction Time. Monitor value can be set.
5	Unit Status	S / D	Displays unit status. For details, refer to the Manual of each unit.

6	I/O Status (00 to 15)	Display	Disconnection detected, short-circuit, operation time monitor error, and connected component maintenance under unit status flag are touch switches. When they are pressed, start reading each I/O status and display. (Applicable items vary from units.) The red arrow indicates the contents of I/O status which is being displayed.
7	Read Status	Setting	Reads unit status from 1 to 5 above mentioned at once when it is pressed.
8	Write	Setting	Writes unit name, network power voltage, and monitor value for the unit conduction time.
9	Reset	Setting	Resets peak and bottom for network power voltage and present value for unit conduction time.
[Note] Select ***Settings*-*Unit & Scale*** Setting and set 0.1 for the scale at the unit No. 1000 when using those parts. The contents of unit status flag differ from units. For details, refer to DRT2 series manuals.			

Model	DRT2	Location	DV＼DRT2_V1＼DRT2-XXXXX	Title	I/O Status Monitor
Function	Displays and makes settings for I/O status by 4 bits.				

[Image]



No.	Item	Setting/ Display	Details
1	Bit	Display	Displays an appropriate bit and ON/OFF status with lamp.
2	I/O comments	S / D	Displays I/O comments set for bits. This can be changed.
3	Mode	S / D	Displays maintenance mode either Time (T) or Frequency (F).
4	Set value (Set V.)	S / D	Displays the monitor value for maintenance. The value can be changed.
5	Present Value (Present Val)	S / D	Displays the present value in the maintenance counter. The value can be changed.
6	Short-circuit (S)	Display	Displays short-circuit detection flag for environment-resistive units. When using IN unit, it detects sensor power sort-circuit. When using OUT unit, it detects external load short-circuit.
7	Disconnected (D)	Display	Displays the detected sensor disconnected flag for IN unit.
8	Disconnection Detected (D.D.)	Display	Displays whether the sensor disconnected detection flag for IN unit has been set or not. This setting can be changed
9	Read	Setting	Reads an appropriate 4-bit data at once.
10	Reset	Setting	Resets present value in the maintenance counter.
11	Write	Setting	Writes information, such as I/O comments, maintenance mode, set value/present value in the maintenance counter, for an appropriate 4-bit data at once.

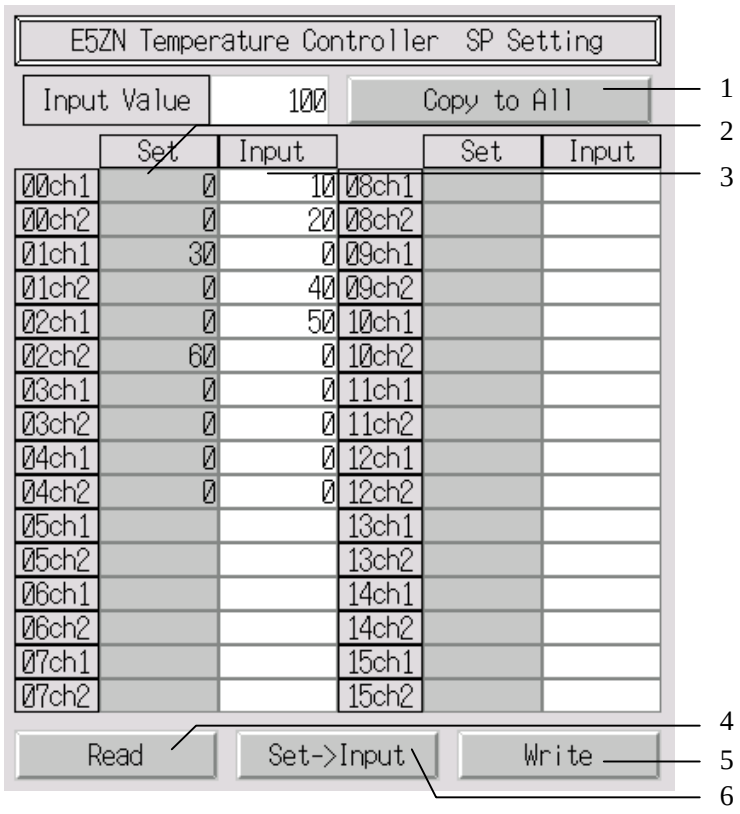
[Note]

Please use an appropriate Smart Active Parts in accordance with units to be connected (environment-resistive unit, IN unit, and OUT unit etc…).

This is not supported for an expansion unit.

Model	E5ZN-DRT	Location	DV＼E5ZN-DRT_V1＼SPSetting	Title	SP Setting 00 to 15
Function	Performs reading and writing from and to SP for the maximum 16 temperature controllers connected to the E5ZN-DRT by pressing buttons. Reading and writing from and to E5ZN temperature controller cannot be performed when it is not connected to the E5ZN-DRT or a communication error has been occurred.				

[Image]



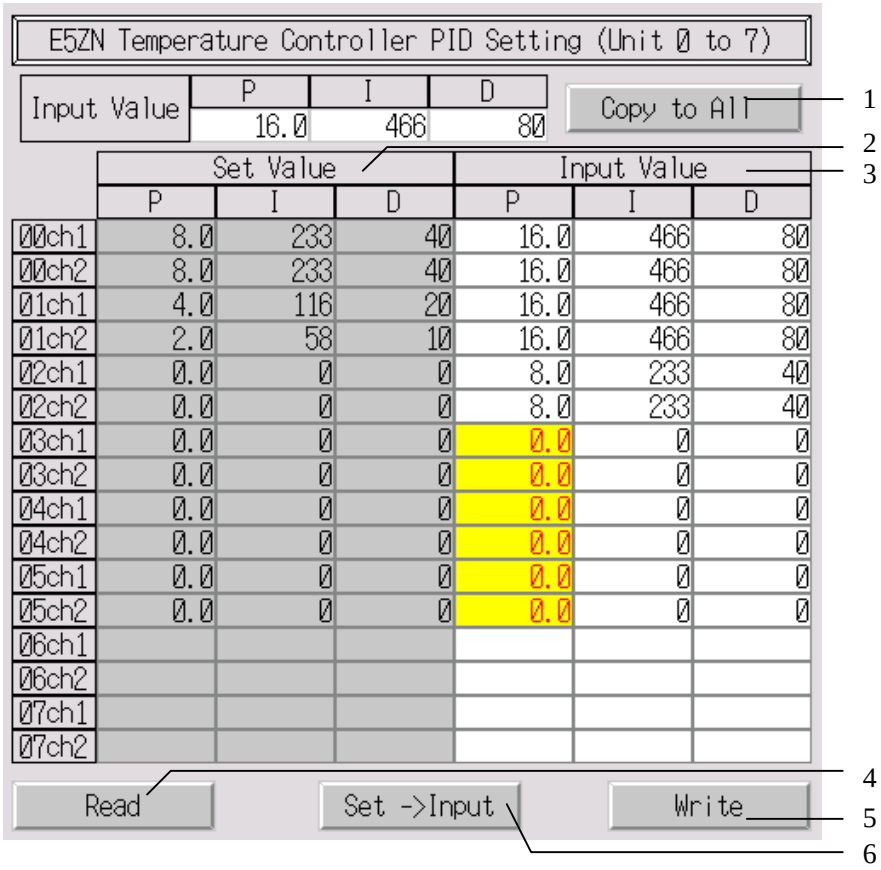
No.	Item	Setting/ Display	Details
1	Copy to All Device (Copy to All)	Setting	Sets the input values on top to the input value for each Ch.
2	Set Value (Set)	Display	Displays SP which is read from E5ZN temperature controller. The value will be updated when reading or writing values.
3	Input Value (Input)	Setting	Sets SP to be written to the E5ZN temperature controller.
4	Read	Setting	Reads SP to the set value display area.
5	Write	Setting	Write input values to the SP. After writing the values, those will be read to the columns under Set.
6	Set -> Input	Setting	Sets values under Set to the Input.

[Note]

Set 6 seconds or more for ***Comm.Time-Out*** in the PT when using those Smart Active Parts.

Model	E5ZN-DRT	Location	DV＼E5ZN-DRT_V1＼PIDSetting	Title	PID Setting (Unit 0 to 7)
Function	Performs reading and writing from and to PID of E5ZN unit 00 to 07 connected to E5ZN-DRT by pressing buttons. Reading and writing from and to E5ZN temperature controller cannot be performed when it is not connected to the E5ZN-DRT or a communication error has been occurred.				

[Image]

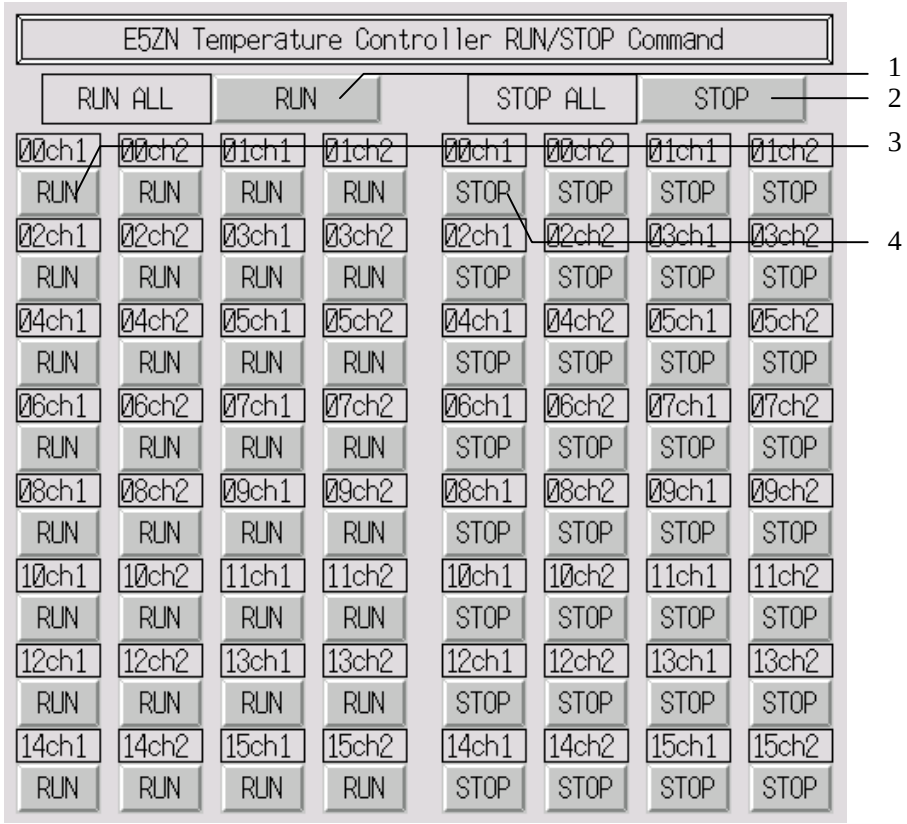


No.	Item	Setting/ Display	Details
1	Copy to All	Setting	The set input values on top to the input values for each Ch.
2	Set Value	Display	Displays the read values in the PID from E5ZN temperature controller. The value will be updated when reading or writing values.
3	Input Value	Setting	Set PID to be written to the E5ZN temperature controller. Text and background color will be changed if a value out of range has been set.
4	Read	Setting	Reads values set for PID to the columns under Set Value.
5	Write	Setting	Writes input values to PID in the E5ZN temperature controller. Those will be read to columns under Set Value after writing values.

6	Set -> Input	Setting	Sets set values to input values.
[Note] 1. Set 6 seconds or more for Comm.Time-Out in the PT when using those Smart Active Parts. Also, select ***Settings***-***Unit & Scale*** Setting and set 0.1 for the scale at the unit No. 1000 when using those parts library. 2. Please use E5ZN Temperature Controller PID Setting (Unit 08 to 15) for Temperature Controller unit 08 to 15.			

Model	E5ZN-DRT	Location	DV\E5ZN-DRT_V1\Command	Title	RUN/STOP
Function	Executes control start (RUN) and control stop (STOP) commands for the maximum 16 temperature controllers connected to the E5ZN-DRT. Control start (RUN) and control stop (STOP) commands can be executed for all temperature controllers at once and for each unit by word (Ch) individually. These commands cannot be executed for E5ZN temperature controller which is not connected or a communication error is occurred.				

[Image]



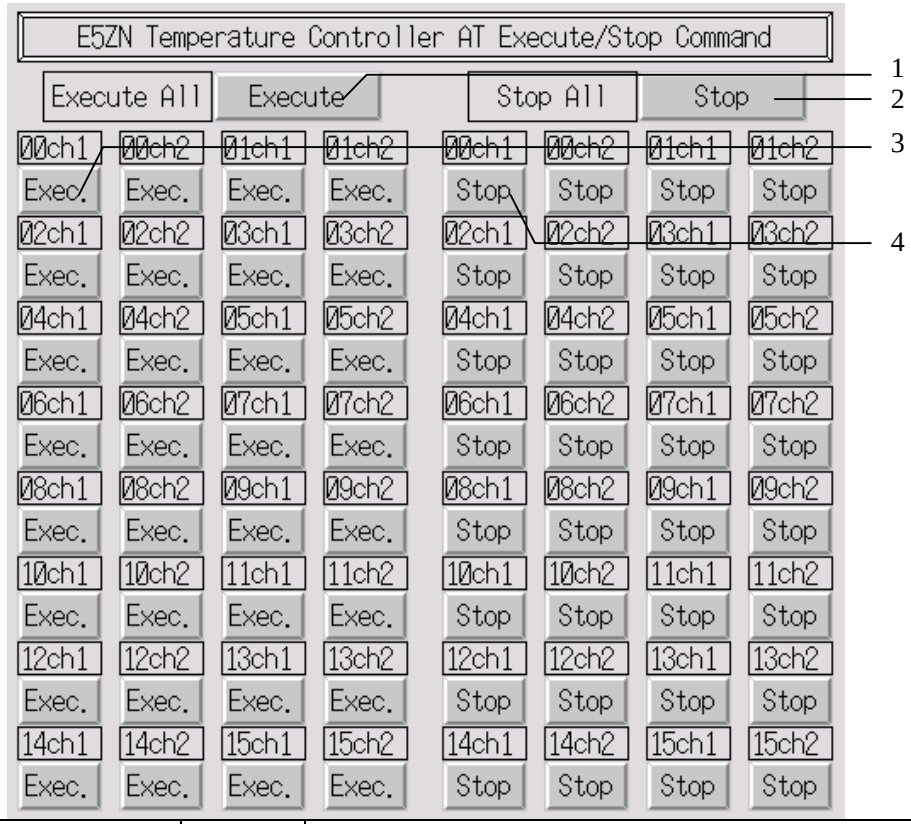
No.	Item	Setting/ Display	Details
1	RUN ALL	Setting	Executes start control command (RUN) for all temperature controllers connected to E5ZN-DRT.
2	ALL STOP	Setting	Executes stop control command (STOP) for all temperature controllers connected to E5ZN-DRT.
3	RUN	Setting	Executes start control (RUN) for word in an appropriate Unit No.
4	STOP	Setting	Executes stop control (STOP) for word in an appropriate Unit No.

[Note]

Set 6 seconds or more for ***Comm.Time-Out*** in the PT when using those Smart Active Parts.

Model	E5ZN-DRT	Location	DV＼E5ZN-DRT_V1＼Command	Title	AT Execute/Stop
Function	Executes AT Execute/Stop commands for the maximum 16 temperature controllers connected to the E5ZN-DRT. AT execute/Stop commands can be executed for all temperature controllers at once and for each unit by word (Ch) individually. These commands cannot be executed for E5ZN temperature controller which is not connected or a communication error is occurred.				

[Image]



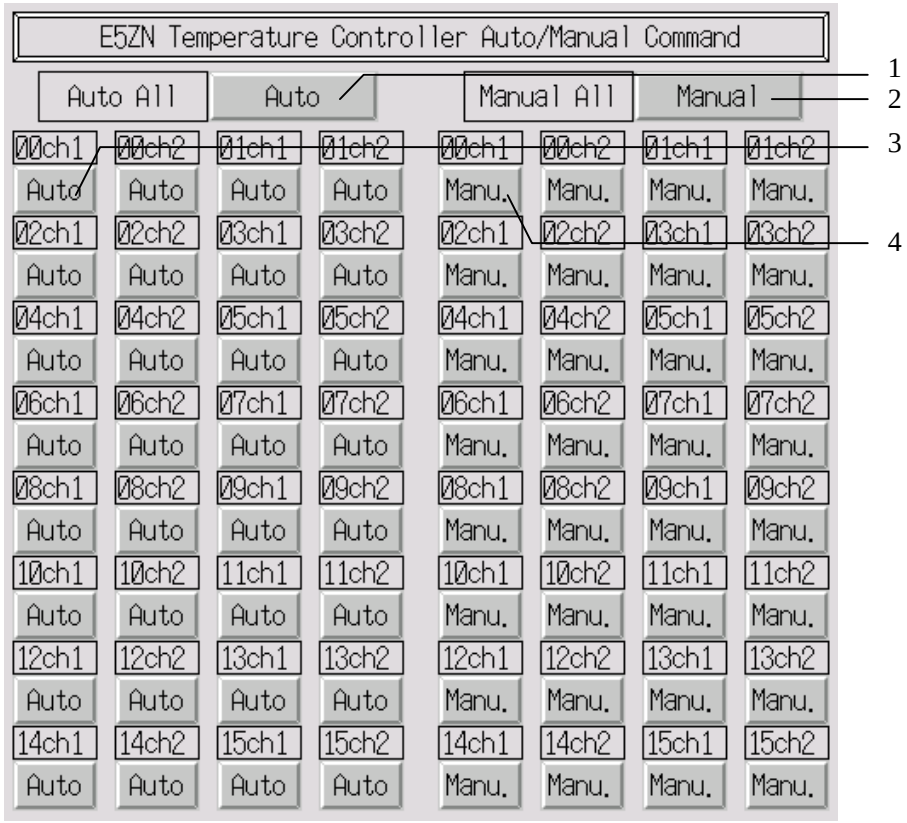
No.	Item	Setting/ Display	Details
1	Execute All	Setting	Executes AT execute command for the maximum 16 temperature controllers connected to the E5ZN-DRT.
2	Stop All	Setting	Executes AT stop command for the maximum 16 temperature controllers connected to the E5ZN-DRT.
3	Execute	Setting	Executes AT execute command for word in an appropriate Unit No.
4	Stop	Setting	Executes AT stop command for word in an appropriate Unit No.

[Note]

Set 6 seconds or more for ***Comm.Time-Out*** in the PT when using those Smart Active Parts.

Model	E5ZN-DRT	Location	DV＼E5ZN-DRT_V1＼Command	Title	Auto/Manual
Function	Executes Auto/Manual commands for the maximum 16 temperature controllers connected to the E5ZN-DRT. Auto/Manual commands can be executed for all temperature controllers at once and for each unit by word (Ch) individually. These commands cannot be executed for E5ZN temperature controller which is not connected or a communication error is occurred.				

[Image]



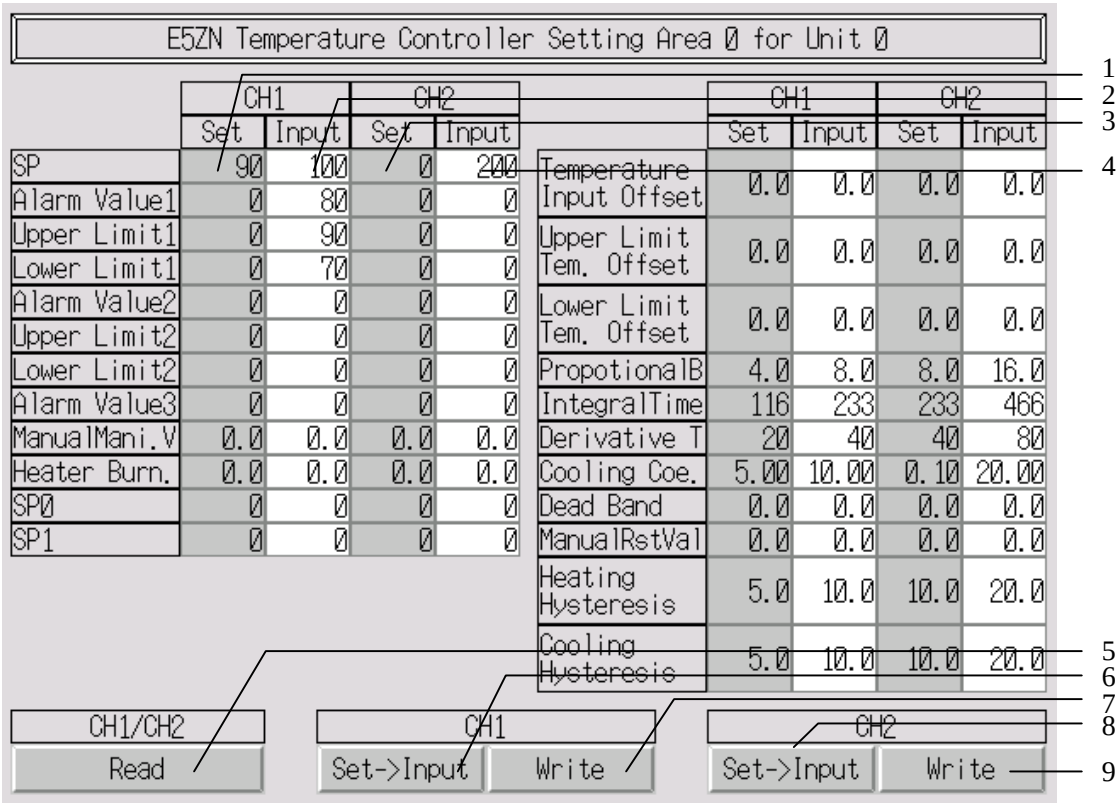
No.	Item	Setting/ Display	Details
1	Auto All	Setting	Executes automatic operation command for the maximum 16 temperature controllers connected to the E5ZN-DRT.
2	Manual All	Setting	Executes manual operation command for the maximum 16 temperature controllers connected to the E5ZN-DRT.
3	Auto	Setting	Executes automatic operation command for word in an appropriate Unit No.
4	Manual	Setting	Executes manual operation command for word in an appropriate Unit No.

[Note]

Set 6 seconds or more for ***Comm.Time-Out*** in the PT when using those Smart Active Parts.

Model	E5ZN-DRT	Location	DV\E5ZN-DRT_V1\SettingArea0	Title	Setting Area 0 for Unit 0
Function	Performs reading and writing from and to setting area o for temperature controller connected to E5ZN-DRT by pressing buttons. Reading and writing from and to E5ZN temperature controller cannot be performed when it is not connected to the E5ZN-DRT or a communication error has been occurred. Provided this library for each unit.				

[Image]

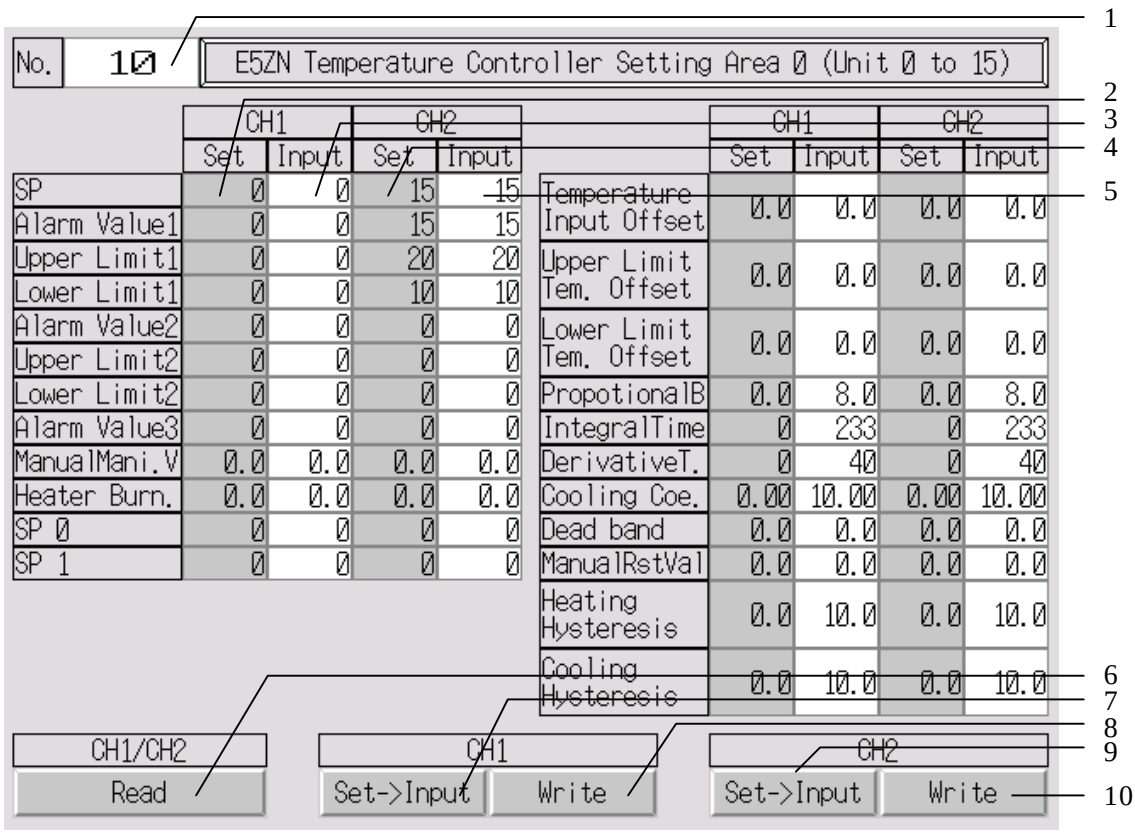


No.	Item	Setting/ Display	Details
1	CH1 Set	Display	Displays value for setting area o read from CH1. The value will be updated when reading/writing.
2	CH1 Input	Setting	Sets value for setting area 0 to the CH1. T Text and background color will be changed if a value out of range has been set.
3	CH2 Set	Display	Displays value for setting area o read from CH2. The value will be updated when reading/writing.
4	CH2 Input	Setting	Sets value for setting area 0 to the CH1. T Text and background color will be changed if a value out of range has been set.
5	CH1/CH2 Read	Setting	Reads setting area 0 settings in the CH1/2 and displays them in the columns under Set.
6	CH1 Set -> Input	Setting	Set values displayed in the columns under Set to appropriate columns under Input.
7	CH1 Write	Setting	Writes input values for CH1 to setting area 0. The values will be

			read columns under Set after writing those.
8	CH2 Set-> Input	Setting	Set values displayed in the columns under Set to appropriate columns under Input.
9	CH2 Write	Setting	Writes input values for CH2 to setting area 0. The values will be read columns under Set after writing those.
[Note] Set 6 seconds or more for ***Comm.Time-Out*** in the PT when using those Smart Active Parts. Select ***Settings***-***Unit & Scale*** Setting and set 0.1 for the scale at the unit No. 1000 when using those parts.			

Model	E5ZN-DRT	Location	DV\E5ZN-DRT_V1\SettingArea0	Title	Setting Area 0 (Unit 0 to 15)
Function	Performs reading and writing from and to setting area o for temperature controller connected to E5ZN-DRT by pressing buttons. Reading and writing from and to E5ZN temperature controller cannot be performed when it is not connected to the E5ZN-DRT or a communication error has been occurred.				

[Image]

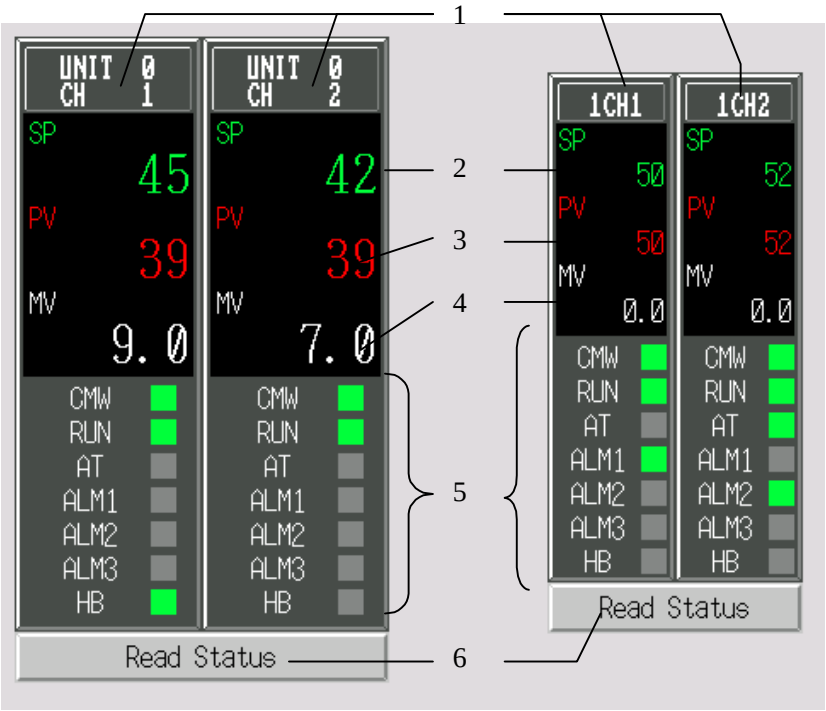


No.	Item	Setting/ Display	Details
1	Unit No.	Setting	Input unit No. to be displayed/set.
2	CH1 Set	Display	Displays value for setting area o read from CH1. The value will be updated when reading/writing.
3	CH1 Input	Setting	Sets value for setting area 0 to the CH1. T Text and background color will be changed if a value out of range has been set.
4	CH2 Set	Display	Displays value for setting area o read from CH2. The value will be updated when reading/writing.
5	CH2 Input	Setting	Sets value for setting area 0 to the CH1. T Text and background color will be changed if a value out of range has been set.
6	CH1/CH2 Read	Setting	Reads setting area 0 settings in the CH1/2 and displays them in the columns under Set.

7	CH1 Set -> Input	Setting	Set values displayed in the columns under Set to appropriate columns under Input.
8	CH1 Write	Setting	Writes input values for CH1 to setting area 0. The values will be read columns under Set after writing those.
9	CH2 Set-> Input	Setting	Set values displayed in the columns under Set to appropriate columns under Input.
10	CH2 Write	Setting	Writes input values for CH2 to setting area 0. The values will be read columns under Set after writing those.
[Note] Set 6 seconds or more for ***Comm.Time-Out*** in the PT when using those Smart Active Parts. Select ***Settings***-***Unit & Scale Setting*** and set 0.1 for the scale at the unit No. 1000 when using those parts.			

Model	E5ZN-DRT	Location	DV＼E5ZN-DRT_V1＼FrontPanel(L) / FrontPanel(S)	Title	FrontPanel(L) Unit 0 / FrontPanel(S) Unit 0
Function	Displays status of the E5ZN temperature controller connected to the E5ZN-DRT. The status cannot be read when it is not connected to the E5ZN or a communication error had been occurred.				

[Image]



No.	Item	Setting/ Display	Details
1	Unit No./CH type	Display	Displays unit No. and CH type which is being monitored.
2	SP	Display	Sets SP read from CH1/CH2 of the E5ZN temperature controller. The value will be updated when performing read status.
3	PV (Present Value)	Display	Sets the present value read from CH1/CH2 of the E5ZN temperature controller. The value will be updated when performing read status.
4	MV (Manipulated Variable)	Display	Sets manipulated variable read from CH1/CH2 of the E5ZN temperature controller. The value will be updated when performing read status.
5	Status	Display	Sets status read from CH1/CH2 in the E5ZN temperature controller. The value will be updated when performing read status.
6	Read Status	Setting	Read SP, present value, manual manipulated variable, and status from CH1/CH2 in the E5ZN temperature controller.

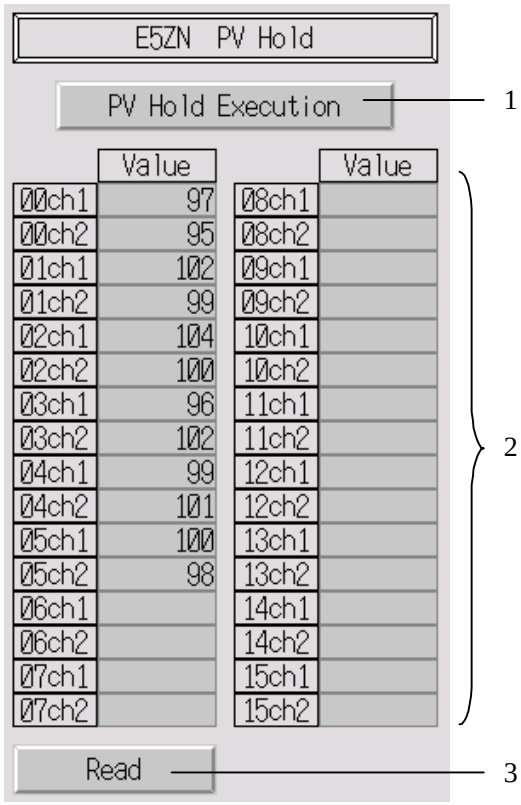
[Note]

Set 6 seconds or more for ***Comm.Time-Out*** in the PT when using those Smart Active Parts.

Select ***Settings***-***Unit & Scale Setting*** and set 0.1 for the scale at the unit No. 1000 when using those parts.

Model	E5ZN-DRT	Location	DV＼E5ZN-DRT_V1＼PVHold	Title	PV Hold
Function	Executes PV hold command, reads PV for each unit and displays them. This command cannot be executed for E5ZN temperature controller which is not connected or a communication error is occurred.				

[Image]



No.	Item	Setting/ Display	Details
1	PV Hold Execution	Setting	Executes PV hold command for all E5ZN temperature controllers connected to the E5ZN-DRT.
2	PV Hold Value (Value)	Display	Displays PV hold value read from the E5ZN temperature controller.
3	Read	Setting	Reads PV hold value saved in an E5ZN temperature controller.

[Note]

Set 6 seconds or more for ***Comm.Time-Out*** in the PT when using those Smart Active Parts.

- Position Control Units

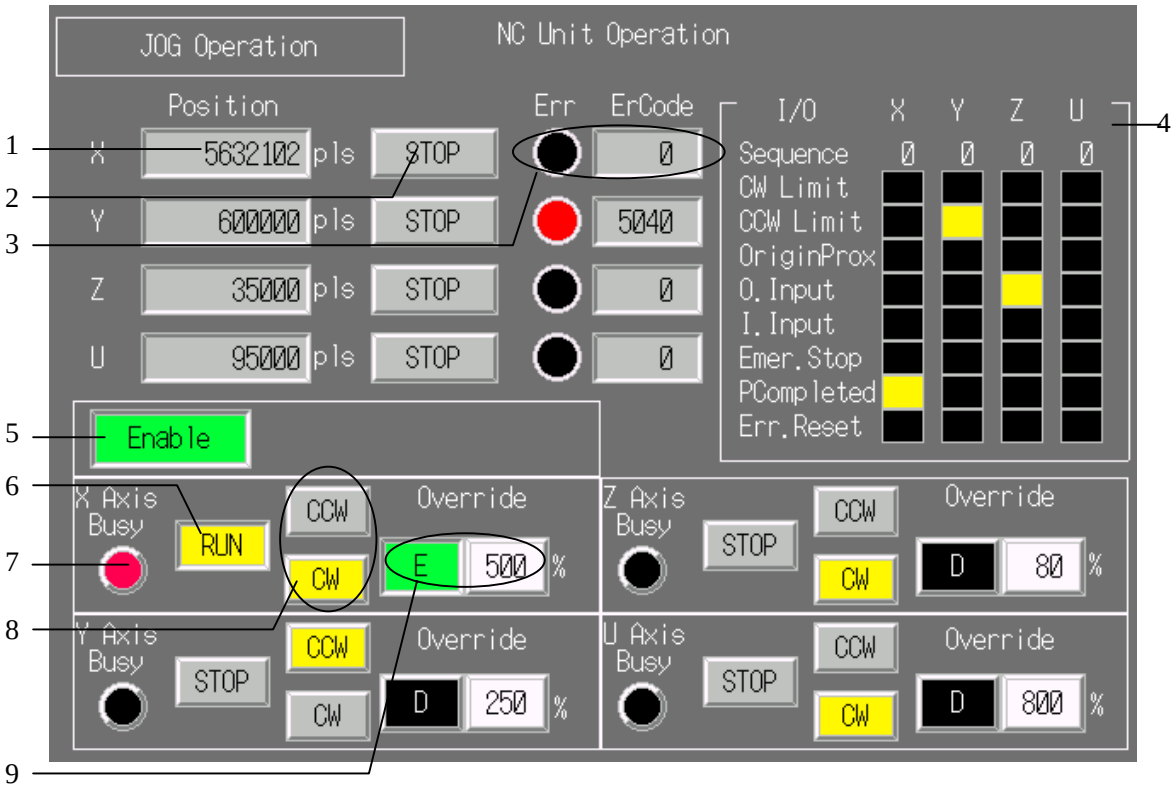
Smart Active Parts of Positon Control Units described in this section can be used only when beginning word of the operating data area destination is determined (fixed) by the unit number.

E.g. Case that the unit number is two.

The operating data area is fixed from m + 116 to m + 187.
Set 0000 for operating data area (m) to fix the beginning word.
m=D2000+100xunit number

Model	CS1W-NC413/433 CJ1W-NC413/433	Location	DV＼NC_V1＼NC413,433	Title	JOG Operation(4)
Function	Displays I/O status, present position, error code for each axis. Also switches between RUN and STOP, CW and CCW and sets override when the control flag(Enable button) is ON				

[Image]



No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	RUN/STOP	Setting	Switches between RUN and STOP (0: STOP, 1: RUN).
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	CW/CCW	Setting	Specifies rotative direction (0: CW, 1: CCW).
9	Override	Setting	Sets values for override and switches between enable and

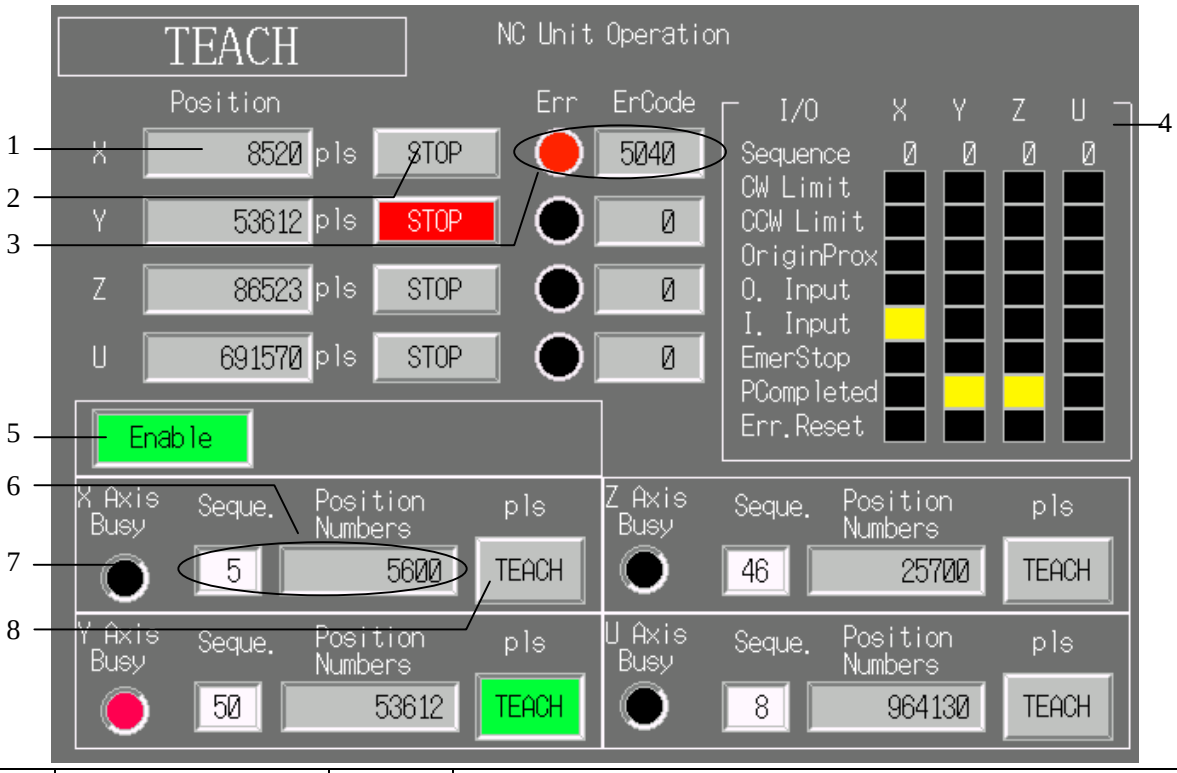
			disable.

[Note]

Those parts can be used for 4 axes unit only. They cannot be used for 1 axis or 2 axes.

Model	CS1W-NC413/433 CJ1W-NC413/433	Location	DV＼NC_V1＼ NC413,433	Title	Teach(4)
Function	Displays I/O status, present position, error code for each axis. Also sets sequence No. and performs teaching when the control flag(Enable button) is ON				

[Image]



No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Position Numbers	Setting	Sets position numbers and displays position of sequence No.
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	TEACH	Setting	Sets present position for position numbers.

[Note]

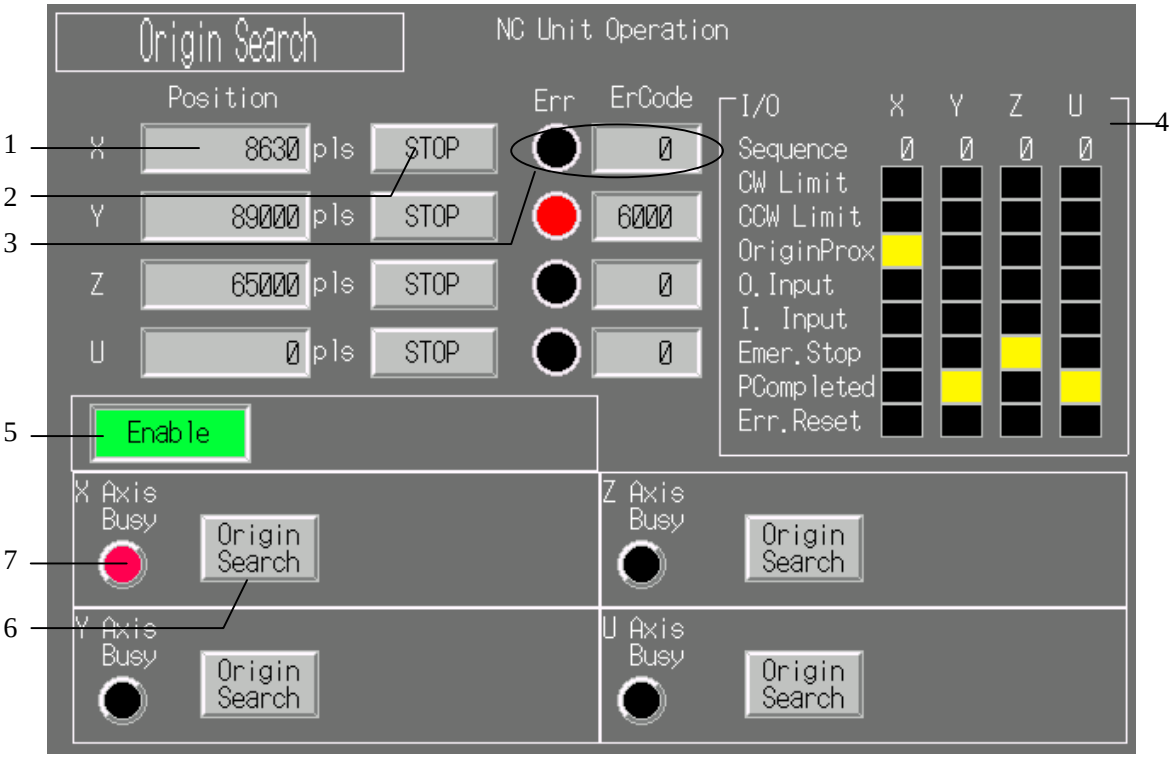
Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click System Memory List button, and check the Basics for the $SB before using this library.

Do NOT use as an initial screen.

Those parts can be used for 4 axes unit only. They cannot be used for 1 axis or 2 axes.

Model	CS1W-NC413/433 CJ1W-NC413/433	Location	DV＼NC_V1＼ NC413,433	Title	Origin Search
Function	Displays I/O status, present position, error code for each axis. Also enables origin search operation when the control flag(Enable button) is ON				

[Image]



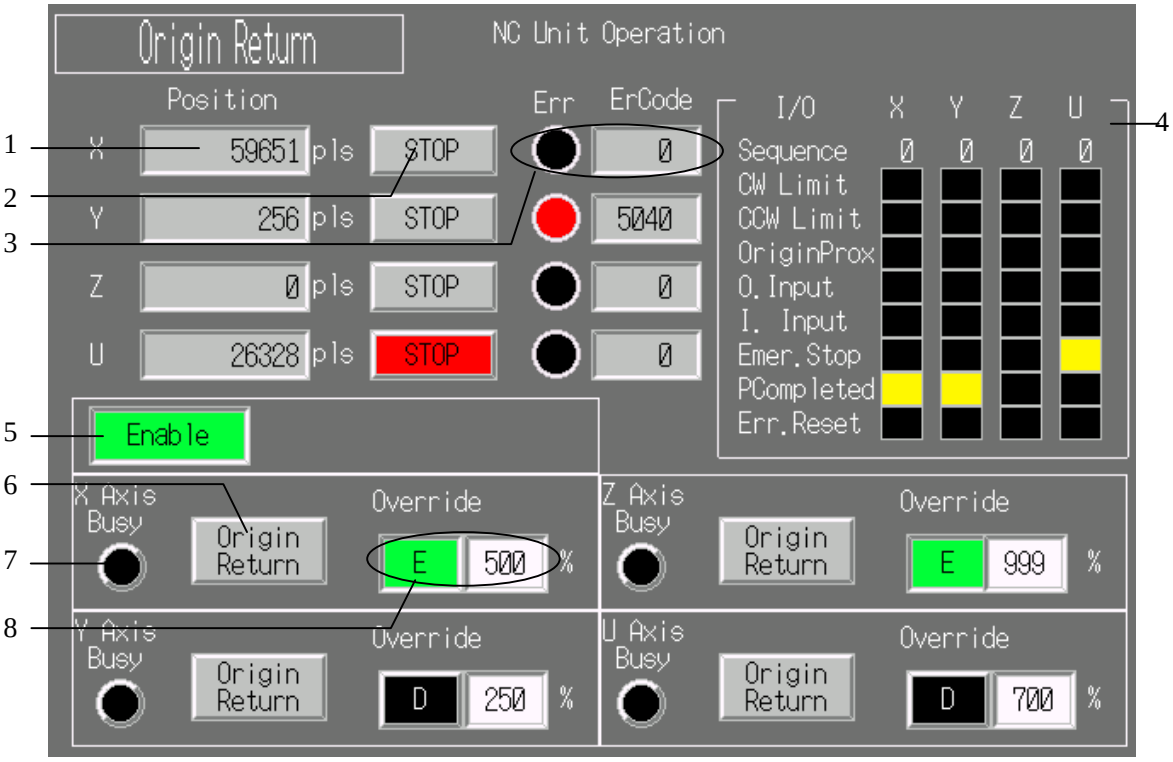
No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Origin Search	Setting	Starts origin search operation when it is pressed.
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.

[Note]

Those parts can be used for 4 axes unit only. They cannot be used for 1 axis or 2 axes.

Model	CS1W-NC413/433 CJ1W-NC413/433	Location	DV＼NC_V1＼ NC413,433	Title	Origin Return(4)
Function	Displays I/O status, present position, error code for each axis. Also enables origin search operation and sets override when the control flag (Enable button) is ON.				

[Image]



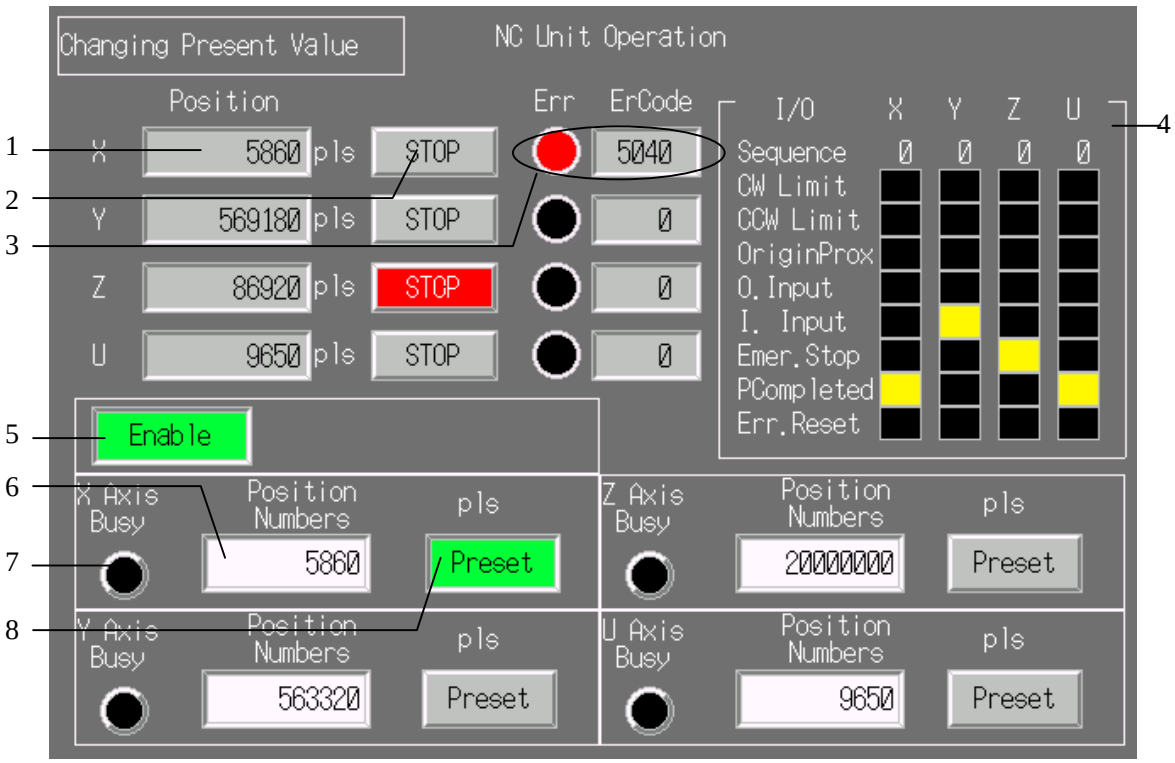
No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Origin Return	Setting	Axis returns from any position to the origin.
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	Override	Setting	Sets values for override and switches between enable and disable.

[Note]

Those parts can be used for 4 axes unit only. They cannot be used for 1 axis or 2 axes.

Model	CS1W-NC413/433 CJ1W-NC413/433	Location	DV＼NC_V1＼ NC413,433	Title	Changing Present Value(4)
Function	Displays I/O status, present position, error code for each axis. Also presets position numbers when the control flag (Enable button) is ON.				

[Image]



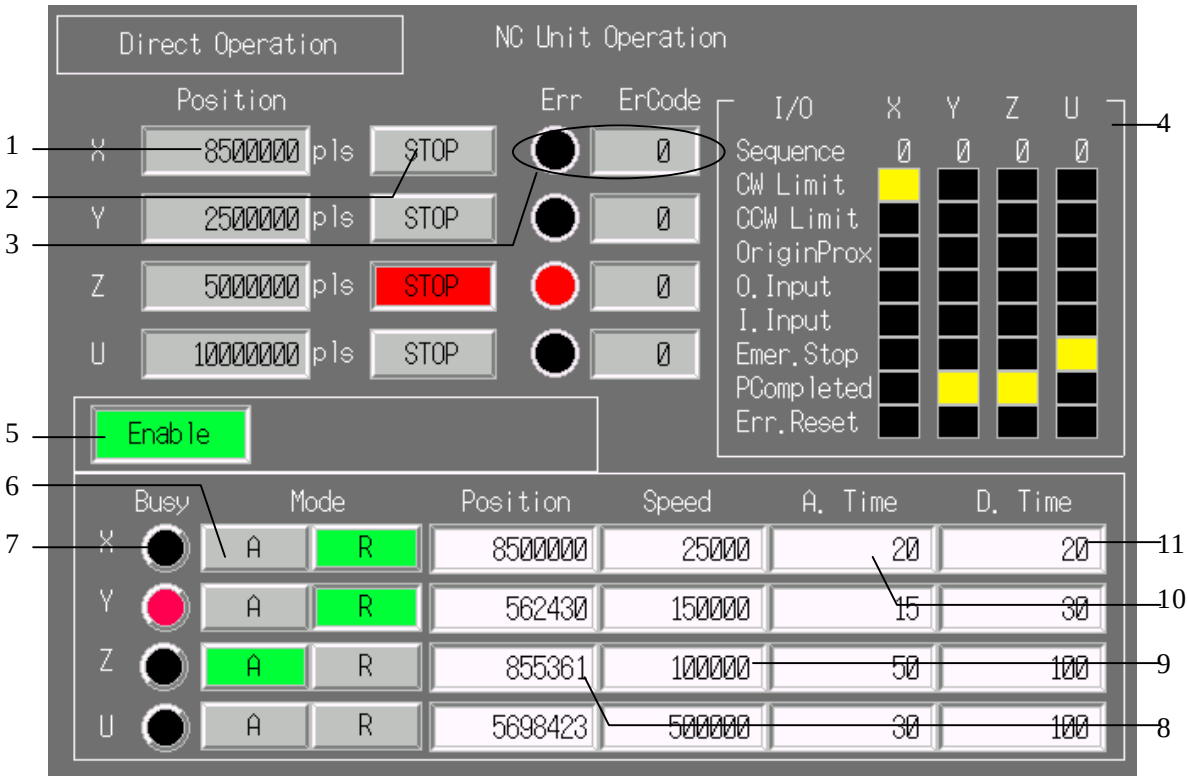
No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Position Numbers	Setting	Sets position numbers to preset.
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	Preset	Setting	Changes position form present position to position numbers forcibly.

[Note]

Those parts can be used for 4 axes unit only. They cannot be used for 1 axis or 2 axes.

Model	CS1W-NC413/433 CJ1W-NC413/433	Location	DV＼NC_V1＼ NC413,433	Title	Direct Operation(4)
Function	Displays I/O status, present position, error code for each axis. Also sets operation mode and other data when the control flag (Enable button) is ON.				

[Image]

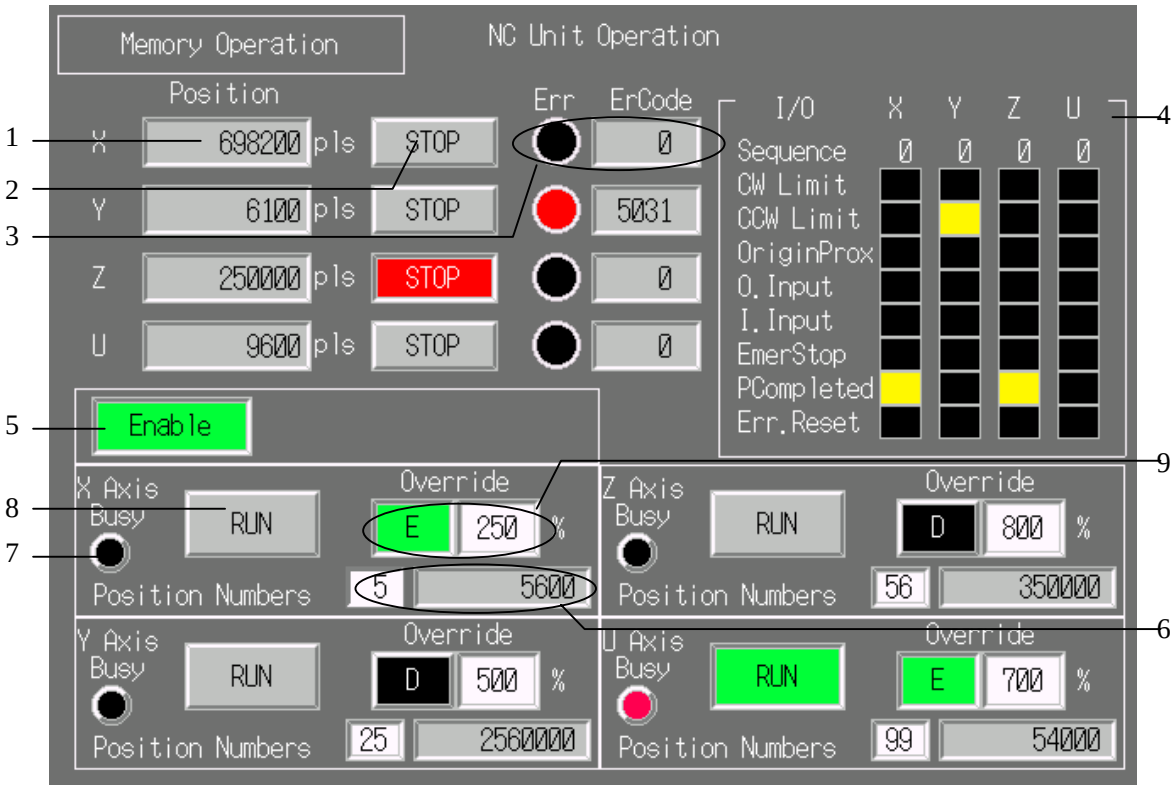


No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Operation Mode (Mode)	Setting	Switches movement for operation data area between Absolute (A) and Relative (R).
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	Position	Setting	Sets target position for each axis.

9	Speed	Setting	Sets target speed for each axis.
10	Acceleration Time (A. Time)	Setting	Sets acceleration time for each axis.
11	Deceleration Time (D.Time)	Setting	Sets deceleration time for each axis.
[Note] Those parts can be used for 4 axes unit only. They cannot be used for 1 axis or 2 axes.			

Model	CS1W-NC413/433 CJ1W-NC413/433	Location	DV＼NC_V1＼ NC413,433	Title	Memory Operation(4)
Function	Displays I/O status, present position, error code for each axis. Also sets override and sequence No. and starts operation with the set conditions by pressing RUN button when the control flag (Enable button) is ON.				

[Image]



No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Position Numbers	Setting	
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	RUN	Setting	Starts memory operation when it is pressed.

9	Override	Setting	Sets values for override and switches between enable and disable.

[Note]

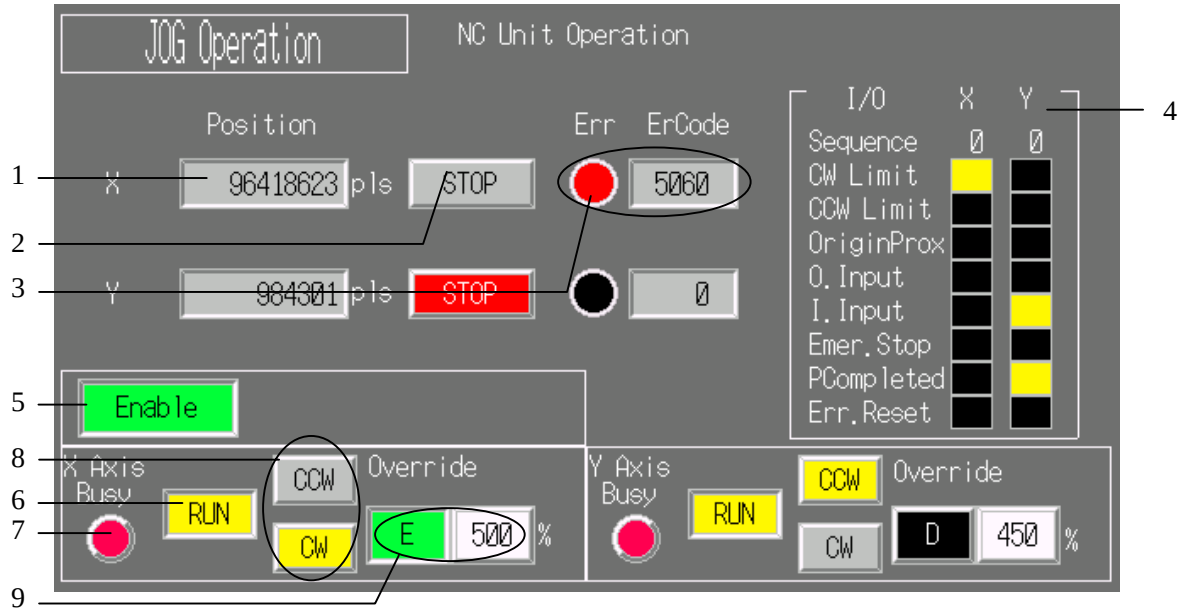
1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

2. Do NOT use as an initial screen.

3. Those parts can be used for 4 axes unit only. They cannot be used for 1 axis or 2 axes.

Model	CS1W-NC213/233 CJ1W-NC213/233	Location	DV＼NC_V1＼ NC213,233	Title	JOG Operation(2)
Function	Displays I/O status, present position, error code for each axis. Also switches between RUN and STOP, CW and CCW and sets override when the control flag(Enable button) is ON				

[Image]



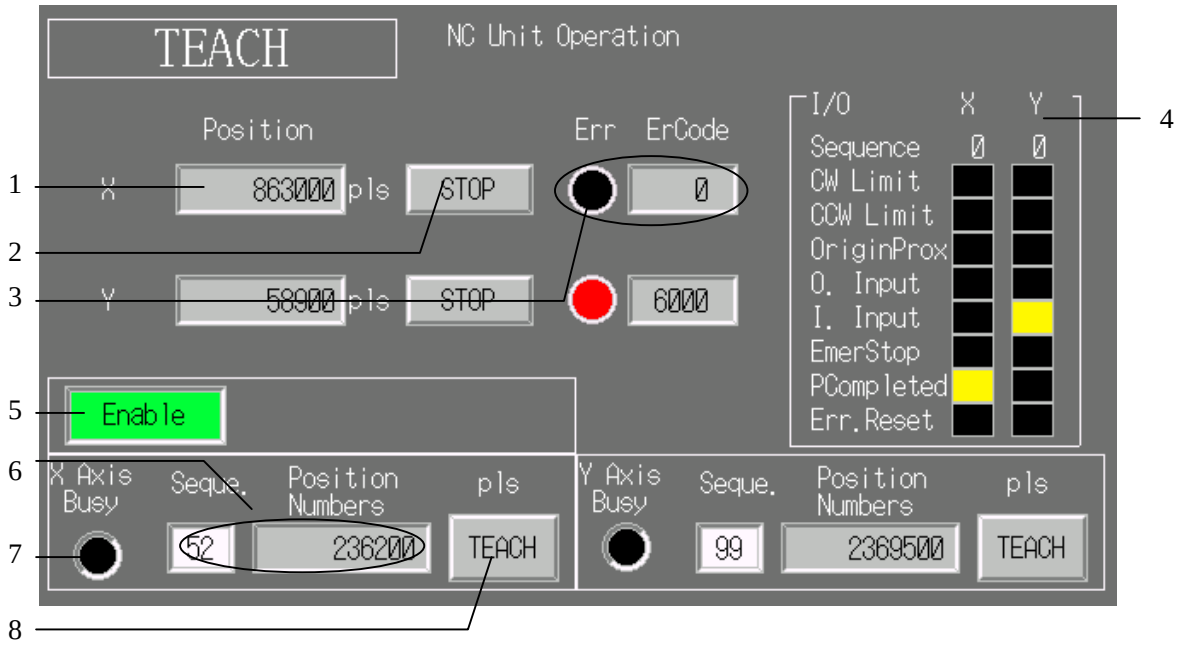
No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	RUN/STOP	Setting	Switches between RUN and STOP (0: STOP, 1: RUN).
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	CW/CCW	Setting	Specifies rotative direction (0: CW, 1: CCW).

[Note]

Those parts can be used for 2 axes unit only. They cannot be used for 1 axis or 4 axes.

Model	CS1W-NC213/233 CJ1W-NC213/233	Location	DV＼NC_V1＼ NC213,233	Title	Teach(2)
Function	Displays I/O status, present position, error code for each axis. Also sets sequence No. and performs teaching when the control flag(Enable button) is ON				

[Image]



No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Position Numbers	Setting	
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	TEACH	Setting	Sets present position for position numbers.

[Note]

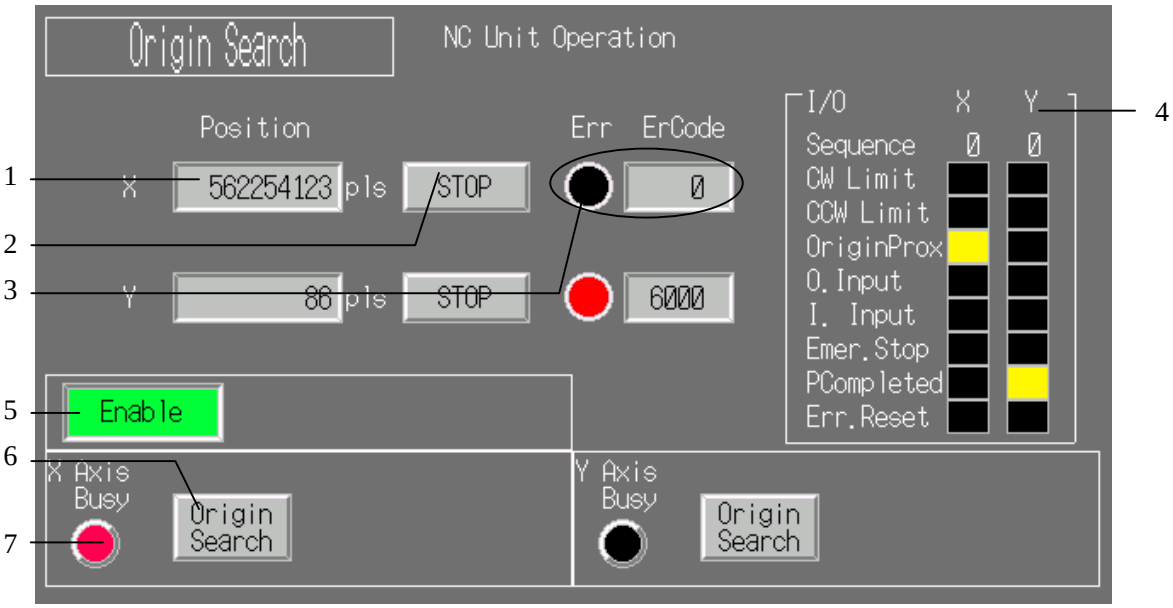
1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

2. Do NOT use as an initial screen.

3. Those parts can be used for 2 axes unit only. They cannot be used for 1 axis or 4 axes.

Model	CS1W-NC213/233 CJ1W-NC213/233	Location	DV＼NC_V1＼ NC213,233	Title	Origin Search(2)
Function	Displays I/O status, present position, error code for each axis. Also enables origin search operation when the control flag(Enable button) is ON				

[Image]



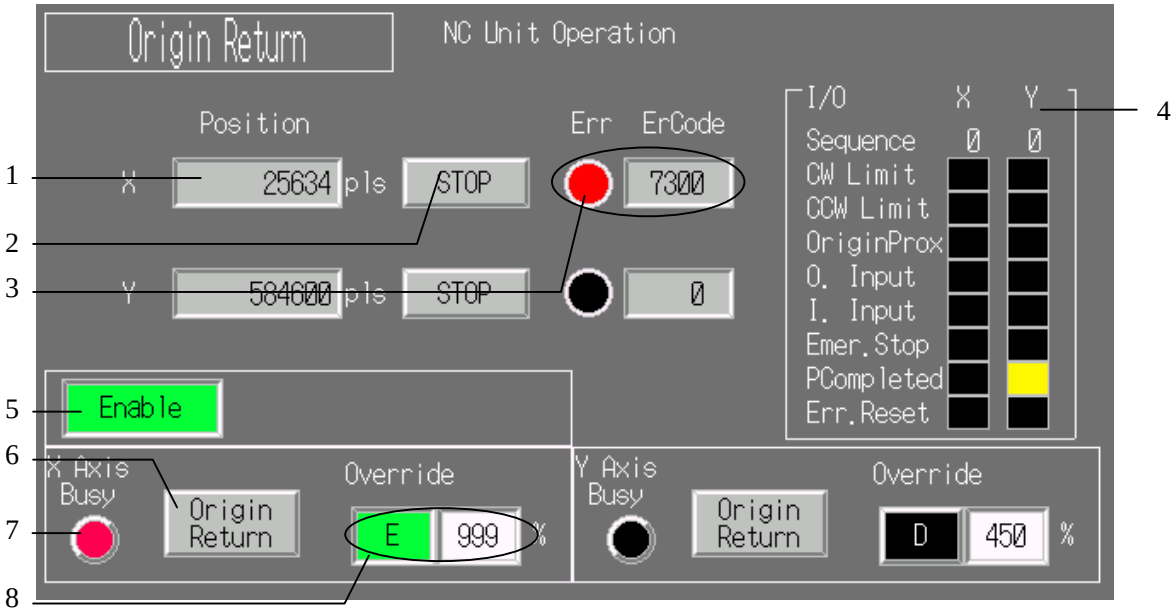
No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Origin Search	Setting	Starts origin search operation when it is pressed.
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.

[Note]

Those parts can be used for 2 axes unit only. They cannot be used for 1 axis or 4 axes.

Model	CS1W-NC213/233 CJ1W-NC213/233	Location	DV＼NC_V1＼ NC213,233	Title	Origin Return(2)
Function	Displays I/O status, present position, error code for each axis. Also enables origin search operation and sets override when the control flag (Enable button) is ON.				

[Image]



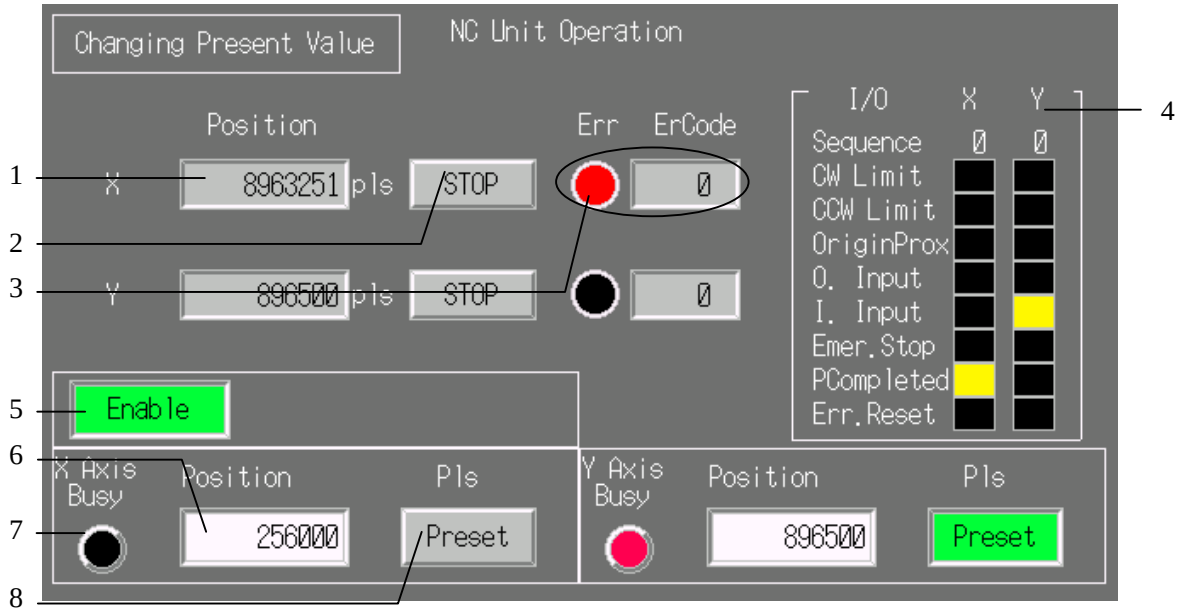
No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Origin Return	Setting	Axis returns from any position to the origin.
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	Override	Setting	Sets values for override and switches between enable and disable.

[Note]

Those parts can be used for 2 axes unit only. They cannot be used for 1 axis or 4 axes.

Model	CS1W-NC213/233 CJ1W-NC213/233	Location	DV\NC_V1\ NC213,233	Title	Changing Present Value(2)
Function	Displays I/O status, present position, error code for each axis. Also presets position numbers when the control flag (Enable button) is ON.				

[Image]



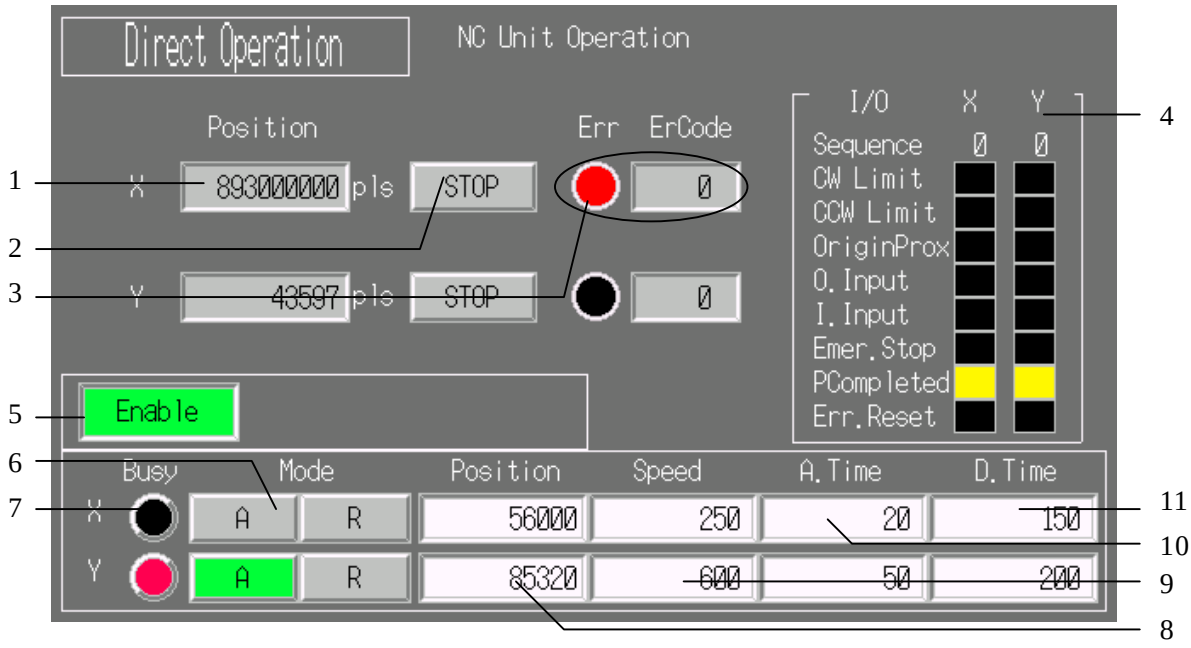
No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Position Numbers	Setting	Sets position numbers to preset.
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	Preset	Setting	Changes position form present position to position numbers forcibly.

[Note]

Those parts can be used for 2 axes unit only. They cannot be used for 1 axis or 4 axes.

Model	CS1W-NC213/233 CJ1W-NC213/233	Location	DV＼NC_V1＼ NC213,233	Title	Direct Operation(2)
Function	Displays I/O status, present position, error code for each axis. Also sets operation mode and other data when the control flag (Enable button) is ON.				

[Image]

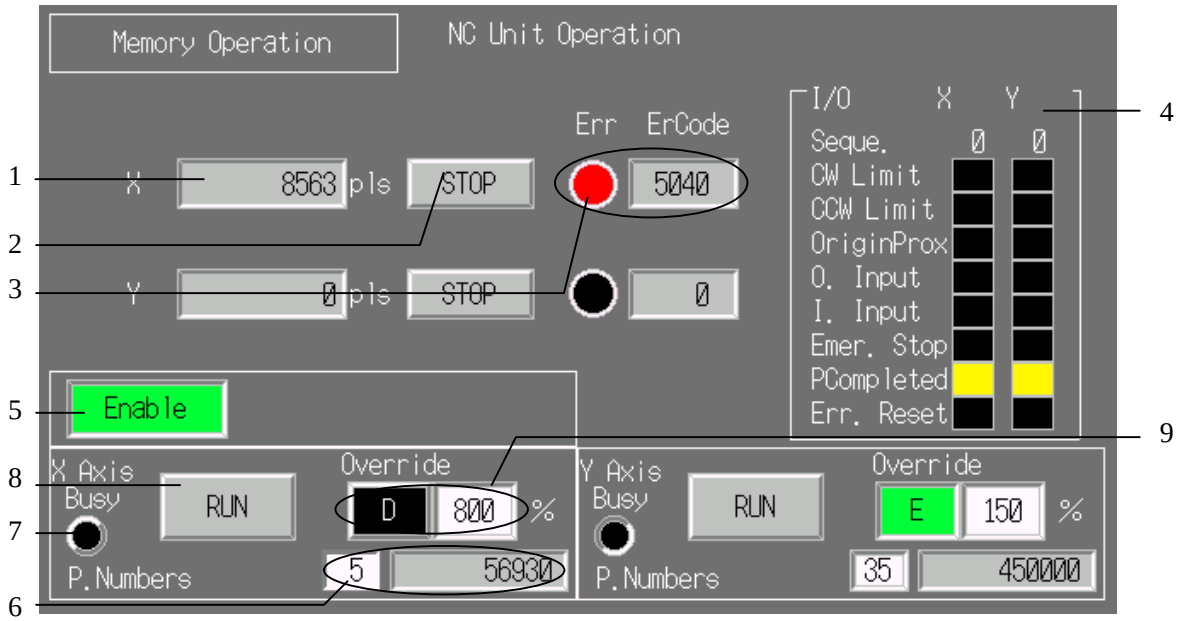


No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Operation Mode (Mode)	Setting	Switches movement for operation data area between Absolute (A) and Relative (R).
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	Position	Setting	Sets target position for each axis.
9	Speed	Setting	Sets target speed for each axis.

10	Acceleration Time (A. Time)	Setting	Sets acceleration time for each axis.
11	Deceleration Time (D.Time)	Setting	Sets deceleration time for each axis.
[Note] 1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library. 2. Do NOT use as an initial screen. 3. Those parts can be used for 2 axes unit only. They cannot be used for 1 axis or 4 axes.			

Model	CS1W-NC213/233 CJ1W-NC213/233	Location	DV＼NC_V1＼ NC213,233	Title	Memory Operation(2)
Function	Displays I/O status, present position, error code for each axis. Also sets override and sequence No. and starts operation with the set conditions by pressing RUN button when the control flag (Enable button) is ON.				

[Image]



No.	Item	Setting/ Display	Details
1	Present Position (Position)	Display	Displays present position for each axis to be controlled by Position Controller Unit. (-2,147,483,647 to 2,147,483,647)
2	STOP	Setting	Stops axis in a set time.
3	Error (Err)	Display	Lights lamps when an error has been occurred and displays error codes.
4	I/O Status (I/O)	Display	Displays I/O status.
5	Enable	Setting	Controls inputs, such as operation, read, override, and position numbers.
6	Position Numbers	Setting	Sets position numbers and displays position of sequence No.
7	Busy	Display	Display whether Position Controller Unit processes operations or not. Also lights lamp for X axis when initializing unit.
8	RUN	Setting	Starts memory operation when it is pressed.
9	Override	Setting	Sets values for override and switches between enable and disable.

[Note]

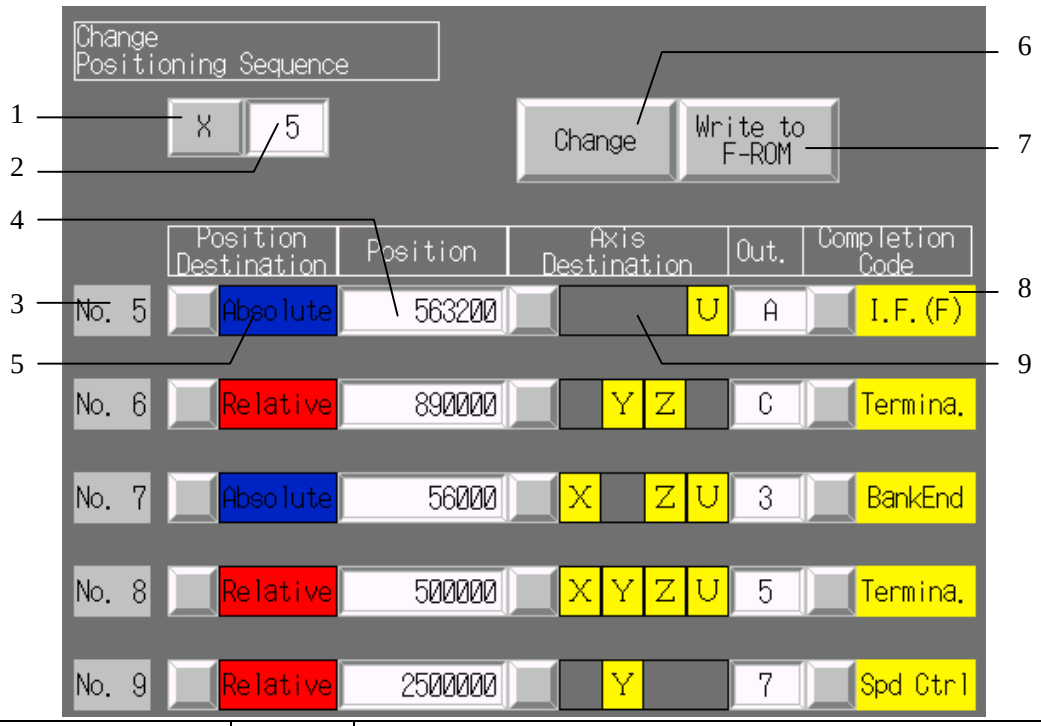
1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

2. Do NOT use as an initial screen.

3. Those parts can be used for 2 axes unit only. They cannot be used for 1 axis or 4 axes.

Model	CS1W-NC413/433 CJ1W-NC413/433	Location	DV＼NC_V1＼ NC413,433	Title	Change Positioning Sequence(4)
Function	Sets sequence data, such as position destination, axis destination, output (Out.), and completion code, and position.				

[Image]



No.	Item	Setting/ Display	Details
1	Axis	Display	Displays axis which settings should be made.
2	Sequence No.	Setting	Input the desired sequence No.
3	Sequence No.	Display	Displays sequence No. to be set.
4	Position	Setting	Sets the position for the selected axis.
5	Position Destination	Setting	Sets whether the position is absolute or relative.
6	Change	Setting	Writes the disaplayed data to parameter area in the Position Controller Unit.
7	Write to F-ROM	Display	Saves data written to the parameter area to F-ROM. Make sure to perform this before turning OFF the power.
8	Completion Code	Setting	Sets completion codes.
9	Axis Destination	Setting	Specifies axis to be startedup.

[Note]

1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

2. When changing sequence No., press **Change** button and write it to parameter area. Unless the sequence No. is written to the parameter area, data will NOT be saved.

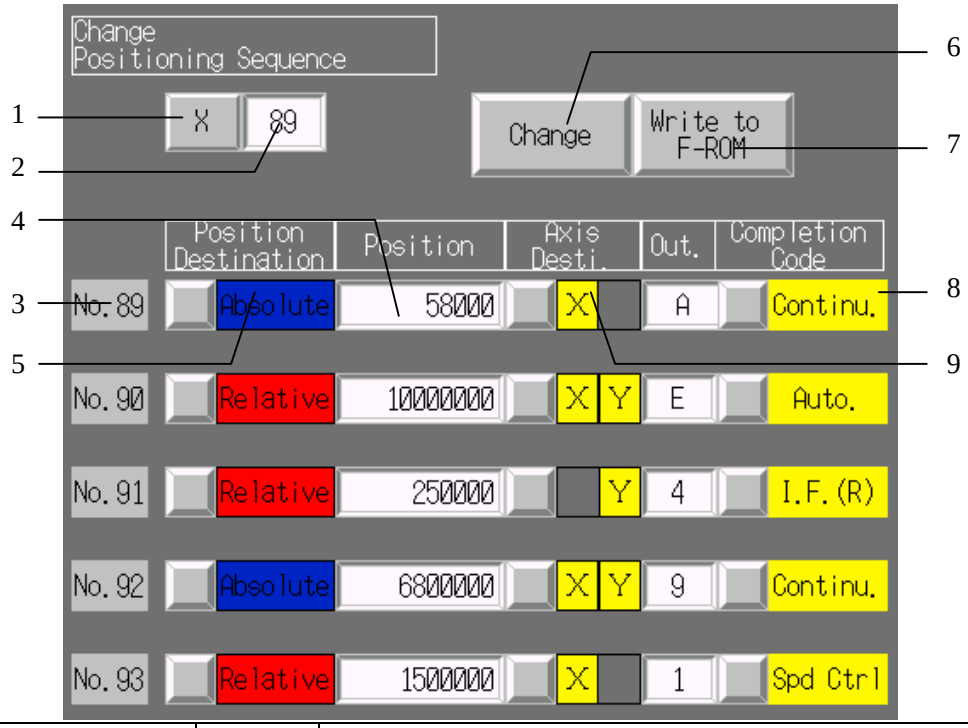
3. Unless F-ROM button is pressed, data will be deleted before turning OFF the power. Data to be saved in the Position Controller Unit by pressing the Write to F-ROM button is sata saved in the parameter area of PLC, NOT displaying on the screen.

4. Do NOT use as an initial screen.

5. Those parts can be used for 4 axes unit only. They cannot be used for 1 axis or 2 axes.

Model	CS1W-NC213/233 CJ1W-NC213/233	Location	DV＼NC_V1＼ NC213,233	Title	Change Positioning Sequence(2)
Function	Sets sequence data, such as position destination, axis destination, output, and completion code, and position.				

[Image]



No.	Item	Setting/ Display	Details
1	Axis	Display	Displays axis which settings should be made.
2	Sequence No.	Setting	Input the desired sequence No.
3	Sequence No.	Display	Displays sequence No. to be set.
4	Position	Setting	Sets the position for the selected axis.
5	Position Destination	Setting	Sets whether the position is absolute or relative.
6	Change	Setting	Writes the displayed data to parameter area in the PLC.
7	Write to F-ROM	Display	Saves data written to the parameter area to F-ROM in the Position Controller Unit. (Make sure to perform this before turning OFF the power.)
8	Completion Code	Setting	Sets completion codes.
9	Axis Destination	Setting	Specifies axis to be started up.

[Note]

1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

2. When changing sequence No., press **Change** button and write it to parameter area. Unless the sequence No. is written to the parameter area, data will NOT be saved.

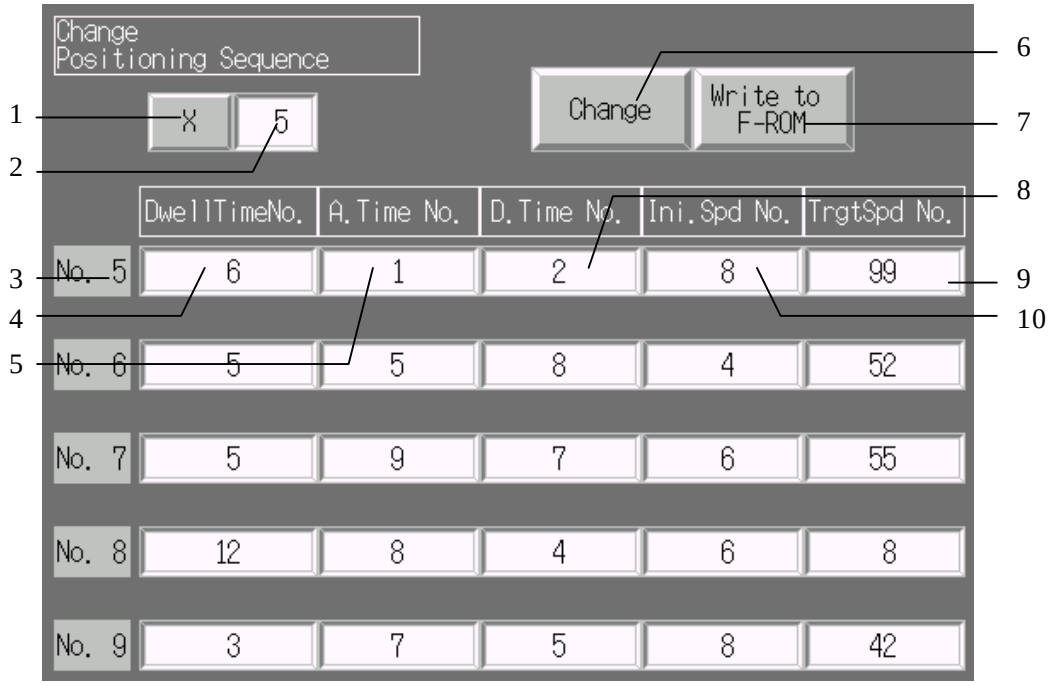
3. Unless F-ROM button is pressed, data will be deleted before turning OFF the power. Data to be saved in the Position Controller Unit by pressing the Write to F-ROM button is data saved in the parameter area of PLC NOT displaying on the screen.

4. Do NOT use as an initial screen.

5. Those parts can be used for 2 axes unit only. They cannot be used for 1 axis or 4 axes.

Model	CS1W-NC413/433/213/233 CJ1W-NC413/433/213/233	Location	DV＼NC_V1＼NC413,433/NC213,233	Title	Change Positioning Sequence (2axes,4axes)
Function	Sets sequence data, such as dwell time number, acceleration time number, deceleration time number, initial speed number, and target speed number.				

[Image]



No.	Item	Setting/ Display	Details
1	Axis	Display	Displays axis which settings should be made.
2	Sequence Number	Setting	Input the desired sequence No.
3	Sequence Number	Display	Displays sequence No. to be set.
4	Dwell Time Number (Dwell Time No.	Setting	Sets dwell time number to be selected.
5	Acceleration Time Number (A.Time No.)	Setting	Sets acceleration time number to be selected.
6	Change	Setting	Writes the displayed data to parameter area in the PLC.
7	Write to F-ROM	Setting	Saves data written to the parameter area to F-ROM in the Position Controller Unit. (Make sure to perform this before turning OFF the power.)
8	Deceleration Time Number (D.Time	Setting	Sets deceleration time number to be selected.

	No.)		
9	Target Speed Number (Trgt Spd No.)	Setting	Sets target speed number to be selected.
10	Initial Speed Number (Ini.Spd No.)	Setting	Sets initial speed number to be selected.

[Note]

1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

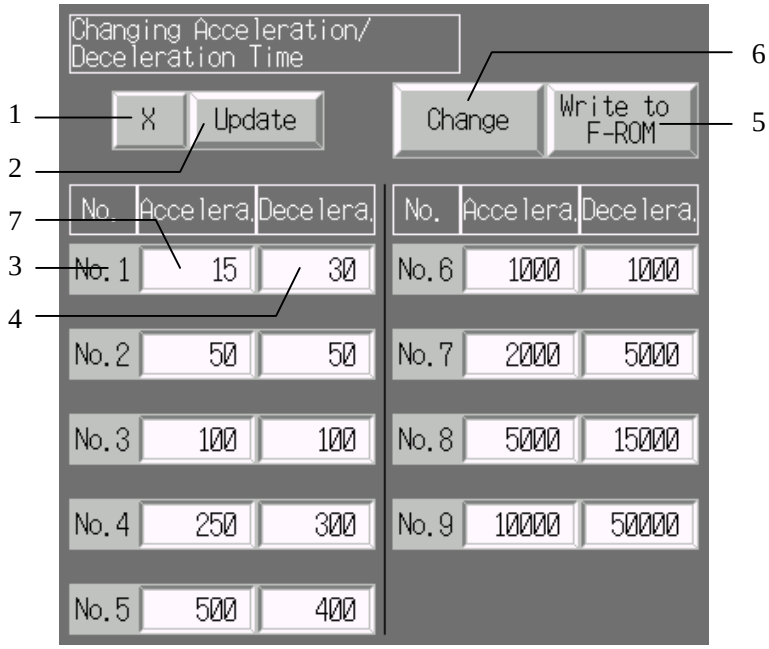
2. When changing sequence No., press **Change** button and write it to parameter area. Unless the sequence No. is written to the parameter area, data will NOT be saved.

3. Unless F-ROM button is pressed, data will be deleted before turning OFF the power. Data to be saved in the Position Controller Unit by pressing the Write to F-ROM button is data saved in the parameter area of PLC NOT displaying on the screen.

4. Do NOT use as an initial screen.

Model	CS1W-NC413/433/213/233 CJ1W-NC413/433/213/233	Location	DV＼NC_V1＼NC413,433/NC213,233	Title	Changing Acceleration / Deceleration Time
Function	Sets acceleration time and deceleration time for x, Y, Z, and U axis.				

[Image]



No.	Item	Setting/ Display	Details
1	Axis	Display	Displays axis which settings should be made.
2	Sequence Number	Setting	Input the desired sequence No.
3	Sequence Number	Display	Displays sequence No. to be set.
4	Deceleration Time (Decelera.)	Setting	Sets deceleration time.
5	Change	Setting	Writes the displayed data to parameter area in the PLC.
6	Write to F-ROM	Setting	Saves data written to the parameter area to F-ROM in the Position Controller Unit. (Make sure to perform this before turning OFF the power.)
7	Acceleration Time (Accelera.)	Setting	Sets acceleration time.

[Note]

1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

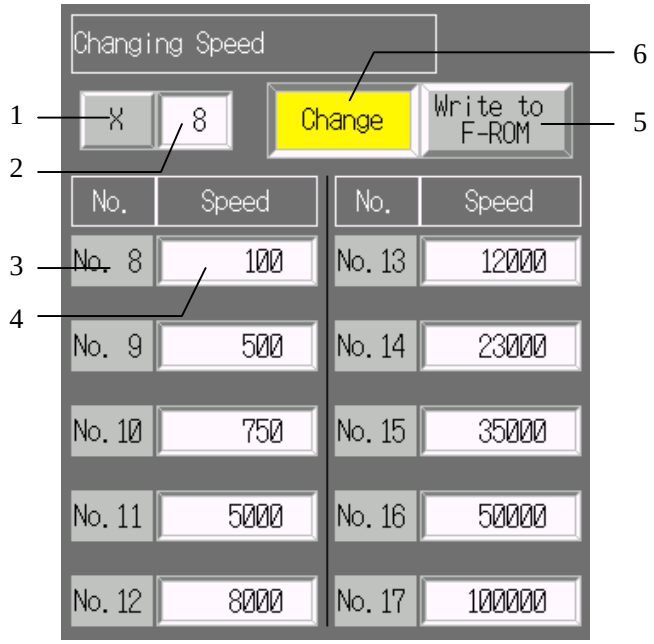
2. When changing sequence No., press **Change** button and write it to parameter area. Unless the sequence No. is written to the parameter area, data will NOT be saved.

3. Unless F-ROM button is pressed, data will be deleted before turning OFF the power. Data to be saved in the Position Controller Unit by pressing the Write to F-ROM button is data saved in the parameter area of PLC NOT displaying on the screen.

4. Do NOT use as an initial screen.

Model	CS1W-NC413/433/213/233 CJ1W-NC413/433/213/233	Location	DV＼NC_V1＼NC413,433/NC213,233	Title	Changing Speed (2 axes,4axes)
Function	Sets speed for each axis(X, Y, Z, and U).				

[Image]



No.	Item	Setting/ Display	Details
1	Axis	Display	Displays axis which settings should be made.
2	Sequence Number	Setting	Input the desired sequence No.
3	Sequence Number	Display	Displays sequence No. to be set.
4	Speed	Setting	Sets the desired speed.
5	Write to F-ROM	Setting	Saves data written to the parameter area to F-ROM in the Position Controller Unit. (Make sure to perform this before turning OFF the power.)
6	Change	Setting	Writes the displayed data to parameter area in the PLC.

[Note]

1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

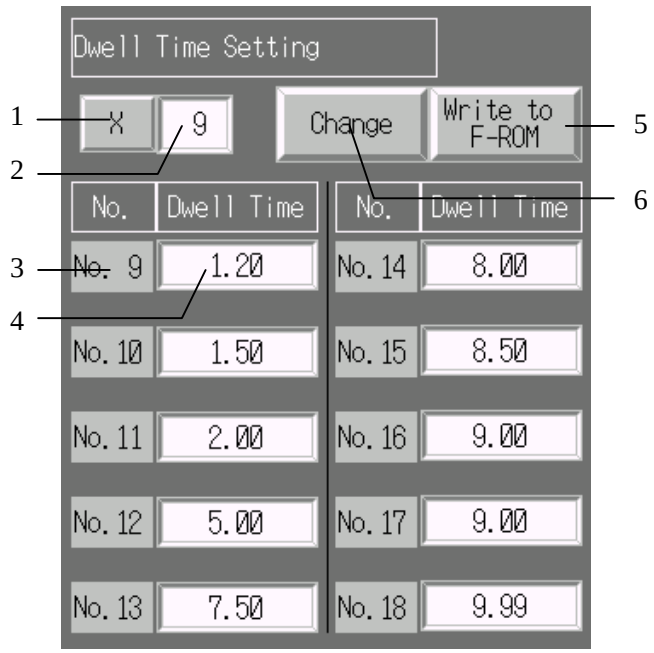
2. When changing sequence No., press **Change** button and write it to parameter area. Unless the sequence No. is written to the parameter area, data will NOT be saved.

3. Unless F-ROM button is pressed, data will be deleted before turning OFF the power. Data to be saved in the Position Controller Unit by pressing the Write to F-ROM button is data saved in the parameter area of PLC NOT displaying on the screen.

4. Do NOT use as an initial screen.

Model	CS1W-NC413/433/213/233 CJ1W-NC413/433/213/233	Location	DV＼NC_V1＼NC413,433/NC213,233	Title	Dwell Time Setting (2axes,4axes)
Function	Sets well time for each axis(X, Y, Z, and U).				

[Image]



No.	Item	Setting/ Display	Details
1	Axis	Display	Displays axis which settings should be made.
2	Sequence Number	Setting	Input the desired sequence No.
3	Sequence Number	Display	Displays sequence No. to be set.
4	Dwell Time	Setting	Sets the desired dwell time.
5	Write to F-ROM	Setting	Saves data written to the parameter area to F-ROM in the Position Controller Unit. (Make sure to perform this before turning OFF the power.)
6	Change	Setting	Writes the displayed data to parameter area in the PLC.

[Note]

1.Select ***Settings***-***System Setting***-***Initial*** tab page in the NS-Designer, click ***System Memory List*** button, and check the ***Basics*** for the $SB before using this library.

2. When changing sequence No., press **Change** button and write it to parameter area. Unless the sequence No. is written to the parameter area, data will NOT be saved.

3. Unless F-ROM button is pressed, data will be deleted before turning OFF the power. Data to be saved in the Position Controller Unit by pressing the Write to F-ROM button is data saved in the parameter area of PLC NOT displaying on the screen.

4. Do NOT use as an initial screen.