

Mitsubishi Motion Controller CPU
MELSEC-Q Series
Q173DCPU

Sample Screen Manual

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CONTENTS

CONTENTS	3
REVISIONS	4
1. OUTLINE.....	5
2. SYSTEM CONFIGURATION	5
3. GOT.....	5
3.1 System Applications That Are Automatically Selected	5
3.2 Controller Setting of Screen Design Software	5
3.3 Ethernet Setting of Screen Design Software	6
3.4 Overlap Window Setting of Screen Design Software	6
4. MOTION CONTROLLER	6
4.1 Motion Controller Setting	6
5. SCREEN SPECIFICATIONS	7
5.1 Display Language	7
5.2 Screen Transition.....	7
5.3 Explanation of Screens.....	11
5.3.1 Menu (B-30001).....	11
5.3.2 Axis Batch Monitor (B-30011)	12
5.3.3 Load Ratio Batch Monitor (B-30021)	13
5.3.4 Status Monitor (B-30031 to B-30033)	14
5.3.5 Positioning Monitor (Real) (B-30041)	15
5.3.6 Positioning Monitor (Virtual) (B-30043).....	16
5.3.7 Servo Monitor (B-30051).....	17
5.3.8 Error Display Menu (B-30061)	18
5.3.9 SFC Error History (B-30071).....	19
5.3.10 Error List (B-30081)	20
5.3.11 Error List Designated-Axis (Real) (B-30091)	21
5.3.12 Error List Designated-Axis (Virtual) (B-30093)	22
5.3.13 Manual Display(B-30500)	23
5.3.14 Alarm Reset (W-30001)	25
5.3.15 Language Setting (W-30002).....	26
5.3.16 Clock Setting (W-30003).....	27
5.3.17 Axis No. Designation (W-30004).....	28
5.4 Device List	29
5.5 Comment List	32
5.6 Script List.....	33
6. MANUAL DISPLAY	63
6.1 Preparing Document Data for Manual Display	63

REVISIONS

Sample Screen Manual

Date	Control No.*	Description
2013/10	BCN-P5999-0102	First edition
2015/6	BCN-P5999-0102-2	Device Specification for Document ID
2016/7	BCN-P5999-0102-2a	Control No. of the manual updated

* The Control No. is noted at the lower right of each page.

Project data

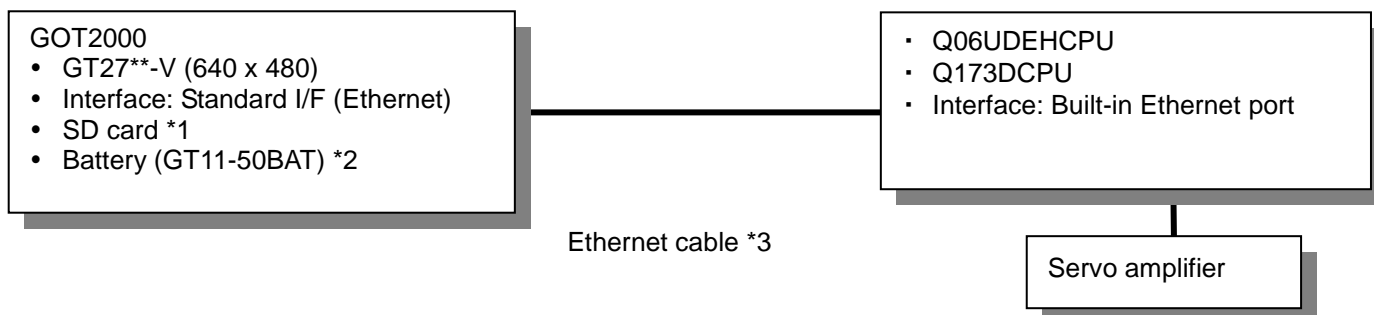
Date	Project data	GT Designer3*	Description
2013/10	mitsubishi_Q173DCPU_V_Ver1_E.GTX	1.100E	First edition
2015/6	mitsubishi_Q173DCPU_V_Ver2_E.GTX	1.128J	Device Specification for Document ID
2016/7	mitsubishi_Q173DCPU_V_Ver2a_E.GTX	1.128J	Version upgrade associated with updating of the Control No. of the manual

* The version number of screen design software used to create the project data is listed. Please use the screen design software with the listed version or later.

1. OUTLINE

This manual explains the sample screens of GOT2000 connected to a MELSEC-Q Series CPU module via Ethernet. The sample screens can be used for monitoring the status, values of each axes, and the error list of Q173DCPU set as machine No.2 in a multi-CPU configuration.

2. SYSTEM CONFIGURATION



*1: The SD card is used for the document display function.

*2: The battery is used for the backup of the clock data. (The battery is provided with the GOT as standard.)

*3: For more details about the cable, please refer to the "GOT2000 Series Connection Manual (Mitsubishi Products)".

3. GOT

3.1 System Applications That Are Automatically Selected

Type	System application name	
Standard Function	Standard System Application	
	Standard Font	Japanese
Communication Driver	Ethernet Connection	Ethernet (MELSEC), Q17nNC, CRnD-700, Gateway
Extended Function	Standard Font	Chinese (Simplified)
	Outline Font	Alphanumeric/Kana
		Japanese (Kanji)
		Chinese (Simplified)
	Document Display	

3.2 Controller Setting of Screen Design Software

Detail Setting

Item	Set value	Remarks
GOT NET No.	1	
GOT Station No.	2	
GOT Ethernet Setting	Refer to table below	
GOT Communication Port No.	5001	
Retry (Times)	3	
Startup Time (Sec)	3	
Timeout Time (Sec)	3	
Delay Time (ms)	0	

GOT Ethernet Setting

Item	Set value	Remarks
Reflect GOT Ethernet setting in the GOT	Checked	
GOT IP Address	192.168.3.18	
Subnet Mask	255.255.255.0	
Default Gateway	0.0.0.0	
Peripheral S/W Communication Port No.	5015	
Transparent Port No.	5014	

3.3 Ethernet Setting of Screen Design Software

	Host	Net No.	Station	Unit Type	IP Address	Port No.	Communication
1	*	1	1	QnUD(P)V/QnUDEH	192.168.3.39	5006	UDP

3.4 Overlap Window Setting of Screen Design Software

[Close the window when switching base screens] of [Detail Setting] for overlap window in the [Screen Switching/Window] setting is enabled to close the window when switching base screens.

4. MOTION CONTROLLER

4.1 Motion Controller Setting

The following set values were used to check the operation at Mitsubishi.

Item	Set value		Remarks
Motion operating system	SV22		SV43 is not supported in this sample.
Optional data monitor	Setting 1	1. Effective Load Ratio	It is necessary to set 3 words for each of the 32 axes in D8000 to D8095 of the user available area.
	Setting 2	2. Regenerative Load Ratio	
	Setting 3	3. Peak Load Ratio	

5. SCREEN SPECIFICATIONS

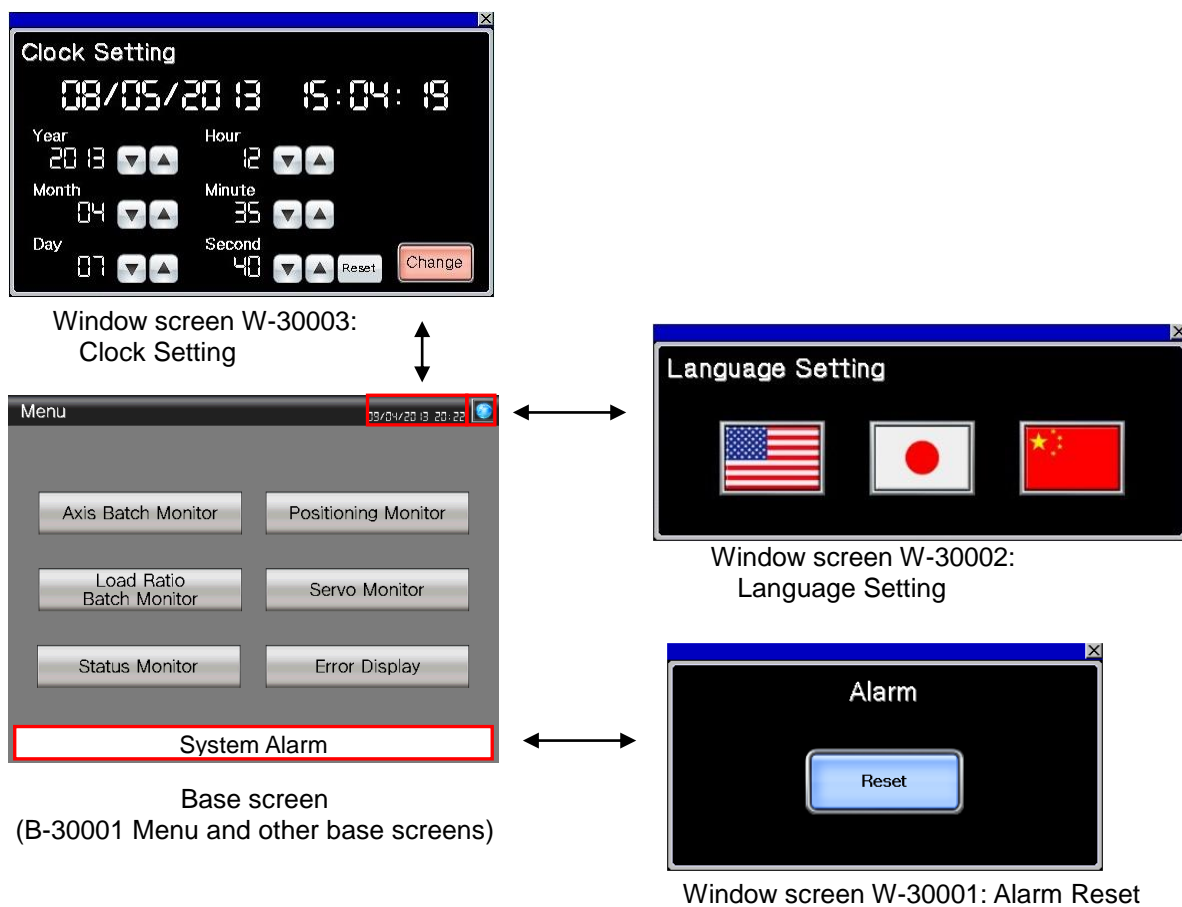
5.1 Display Language

The language of the text displayed on the screen can be switched between Japanese, English, and Chinese (Simplified). The text strings in each language are registered in the columns No. 1 to No. 3 in the comment groups No. 247 to 255 as shown below. When the column No. is set in the language switching device, the language corresponding to the column No. will appear.

Column No.	Language
1	English
2	Japanese
3	Chinese (Simplified)

5.2 Screen Transition

5.2.1 Screen list/transition(common)



5.2.2 Screen list/transition(individual)

Axis Batch Monitor 1 Axis - 4 Axis

Item	12 Axis	12 Axis	12 Axis	12 Axis
Feed PV	123456	123456	123456	123456
Actual PV	123456	123456	123456	123456
Revolution Counter	123456	123456	123456	123456
Remarks	[Axis 1] 123456 [Axis 2] 123456 [Axis 3] 123456 [Axis 4] 123456	[Axis 1] 123456 [Axis 2] 123456 [Axis 3] 123456 [Axis 4] 123456	[Axis 1] 123456 [Axis 2] 123456 [Axis 3] 123456 [Axis 4] 123456	[Axis 1] 123456 [Axis 2] 123456 [Axis 3] 123456 [Axis 4] 123456
Minor Error	123456	123456	123456	123456
Major Error	123456	123456	123456	123456
Servo Error	123456	123456	123456	123456
Servo Amplifier Display	123456	123456	123456	123456
Servo Error Code	123456	123456	123456	123456
Servo Ready	123456	123456	123456	123456
Error Detection	123456	123456	123456	123456
Servo Error Detection	123456	123456	123456	123456

Base screen B-30011: Axis Batch Monitor

Load Ratio Batch Monitor 1 Axis - 8 Axis

Item	12 Axis	12 Axis	12 Axis	12 Axis
Motor Speed	123456	123456	123456	123456
Effective Load Ratio	123456	123456	123456	123456
Intermediate Load Ratio	123456	123456	123456	123456
Peak Load Ratio	123456	123456	123456	123456

Base screen B-30021: Load Ratio Batch Monitor



Base screen B-30001: Menu

Status Monitor 1/3

Status
PC READY(M0000)
PCPU READY(M0003)
Axis Servo ON(M2042)
Axis Servo ON(M2043)
SV READY
Ext Forced Stop Input(M2050)
ST Aspt.
Motion Error Detect(M2038)
SV F. Setting(M2039)
Module Fault Det(M2047)
System Setting Error(M2048)
W21 Error(M2049)
Self-diagnostic Error(M2050)
JOG Servo Start(M2051)

Base screen B-30031: Status Monitor 1/3

Status Monitor 2/3

Status
Inverter mode(M2039)
Inverter mode(M2040)
Fast R/L2 Error(M2041)
MAN-PLS 1 Enable(M2042)
MAN-PLS 2 Enable(M2043)
MAN-PLS 3 Enable(M2044)
MAN-PLS 4 Enable(M2045)
SVZSV-UV Chg Request(M2046)
SVZSV-UV Chg Status(M2047)
SVZSV-UV Chg Error(M2048)
SVZSV-UV Chg Warning(M2049)
AxisNo.
SynEco

Base screen B-30032: Status Monitor 2/3

Status Monitor 3/3

Status
Opn. Cycle Setting(M2052)
Opn. Cycle Setting(M2053)
Maximu Scan Time(M2054)
Opn. Cycle Over Warning(M2055)

Base screen B-30033: Status Monitor 3/3

To next page

To previous page



Base screen B-30041:
Positioning Monitor (Real)



Window screen W-30004:
Axis No. Designation



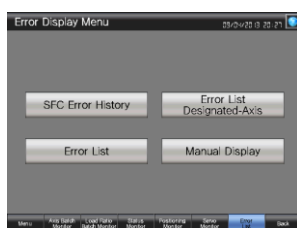
Base screen B-30043:
Positioning Monitor (Virtual)



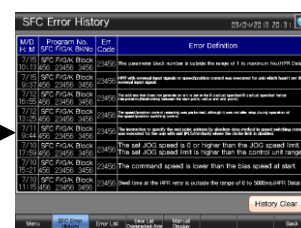
Window screen W-30004:
Axis No. Designation



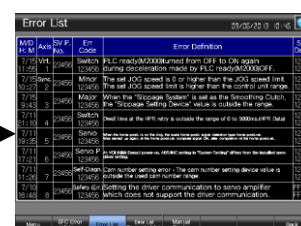
Base screen B-30051: Servo Monitor



Base screen B-30061:
Error Display menu



Base screen B-30071:
SFC Error History



Base screen B-30081:
Error List

To next page

To previous page

Item	Error Code	Error Definition
Major Error	123456	The software has detected a critical error and will stop the program.
Minor Error	123457	The software has detected a non-critical error and will continue the program.
Warning Error	123458	The software has detected a warning and will continue the program.
Program No. 134567	123459	The software has detected an error in the program code.
Axis Error	123460	The software has detected an error in the axis control.
Self-diagnostic Error	123461	The software has detected an error in the self-diagnostic routine.
Position CPU NOT Error	123462	The software has detected an error in the position CPU control.
Velocity Error	123463	The software has detected an error in the velocity control.
Acceleration Error	123464	The software has detected an error in the acceleration control.
Deceleration Error	123465	The software has detected an error in the deceleration control.
Test REG Error	123466	The software has detected an error in the test REG control.

Base screen B-30091:
Error List Designated-Axis (Real)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32

Window screen W-30004:
Axis No. Designation

Item	Error Code	Error Definition
Major Error	123456	The software has detected a critical error and will stop the program.
Minor Error	123457	The software has detected a non-critical error and will continue the program.
Warning Error	123458	The software has detected a warning and will continue the program.
Program No. 134567	123459	The software has detected an error in the program code.
Axis Error	123460	The software has detected an error in the axis control.
Self-diagnostic Error	123461	The software has detected an error in the self-diagnostic routine.
Position CPU NOT Error	123462	The software has detected an error in the position CPU control.
Velocity Error	123463	The software has detected an error in the velocity control.
Acceleration Error	123464	The software has detected an error in the acceleration control.
Deceleration Error	123465	The software has detected an error in the deceleration control.
Test REG Error	123466	The software has detected an error in the test REG control.

Base screen B-30093:
Error List Designated-Axis (Virtual)

1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32

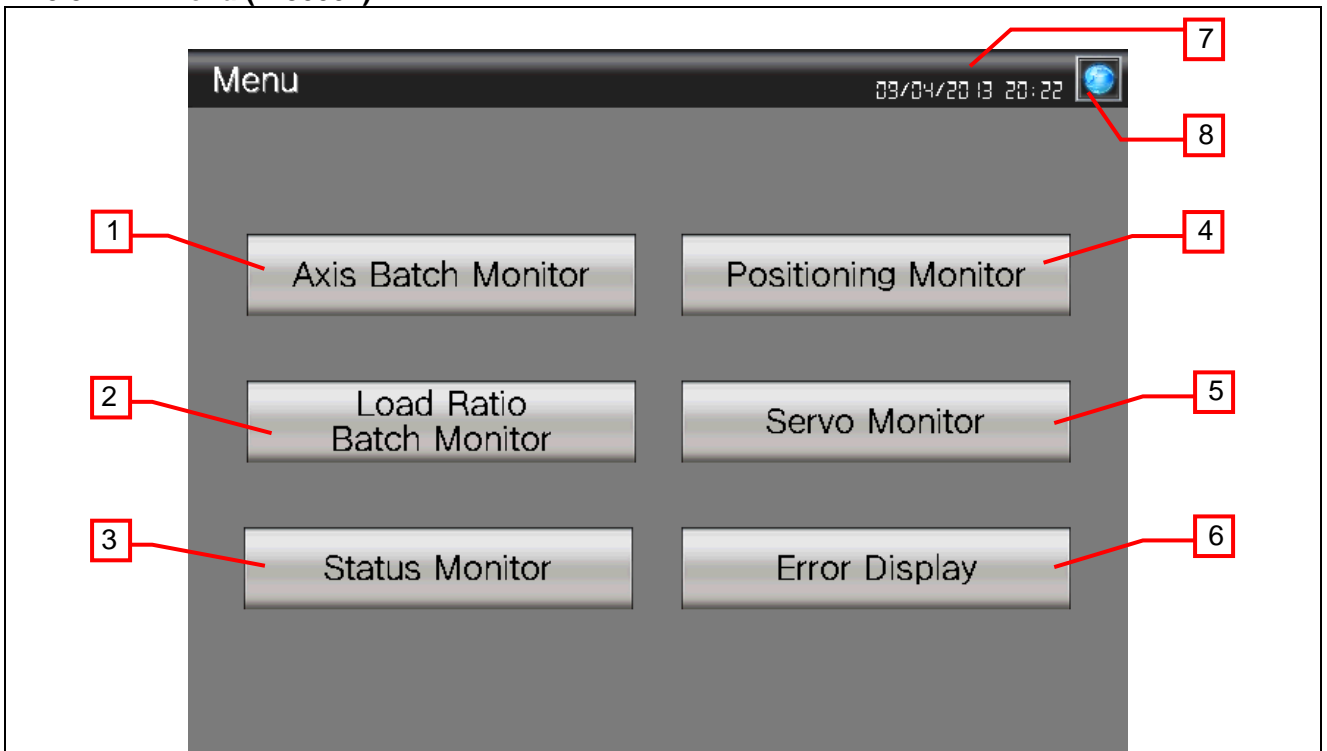
Window screen W-30004:
Axis No. Designation

Item	Error Code	Error Definition
Major Error	123456	The software has detected a critical error and will stop the program.
Minor Error	123457	The software has detected a non-critical error and will continue the program.
Warning Error	123458	The software has detected a warning and will continue the program.
Program No. 134567	123459	The software has detected an error in the program code.
Axis Error	123460	The software has detected an error in the axis control.
Self-diagnostic Error	123461	The software has detected an error in the self-diagnostic routine.
Position CPU NOT Error	123462	The software has detected an error in the position CPU control.
Velocity Error	123463	The software has detected an error in the velocity control.
Acceleration Error	123464	The software has detected an error in the acceleration control.
Deceleration Error	123465	The software has detected an error in the deceleration control.
Test REG Error	123466	The software has detected an error in the test REG control.

Base screen B-30500: Manual Display

5.3 Explanation of Screens

5.3.1 Menu (B-30001)



Outline

This is the Menu screen.

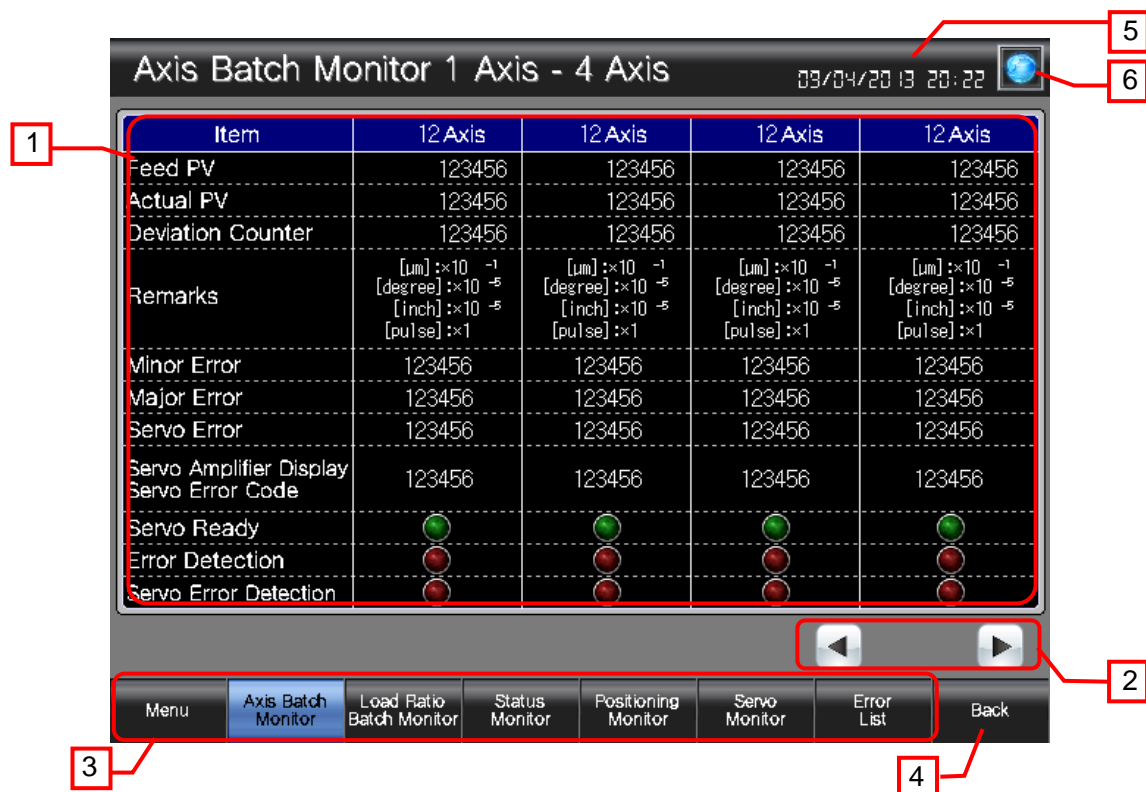
Description

1. Switches to the [Axis Batch Monitor] screen.
2. Switches to the [Load Ratio Batch Monitor] screen.
3. Switches to the [Status Monitor] screen.
4. Switches to the [Positioning Monitor] screen.
5. Switches to the [Servo Monitor] screen.
6. Switches to the [Error Display] menu screen.
7. Displays the current date and time. Touch the area to open the [Clock Setting] window.
8. Opens the [Language Setting] window.

Remarks

- When the GOT is started, the project scripts initialize the numerical displays for the axis No., the word comments for the title, and the offset devices which have been set to some screens. For more details about scripts, please refer to "5.6 Script List".
- The [Positioning Monitor] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.2 Axis Batch Monitor (B-30011)



Outline

This screen allows monitoring of the feed PV, actual PV, deviation counter, and errors for a maximum of 32 axes with 4 axes displayed in a single page.

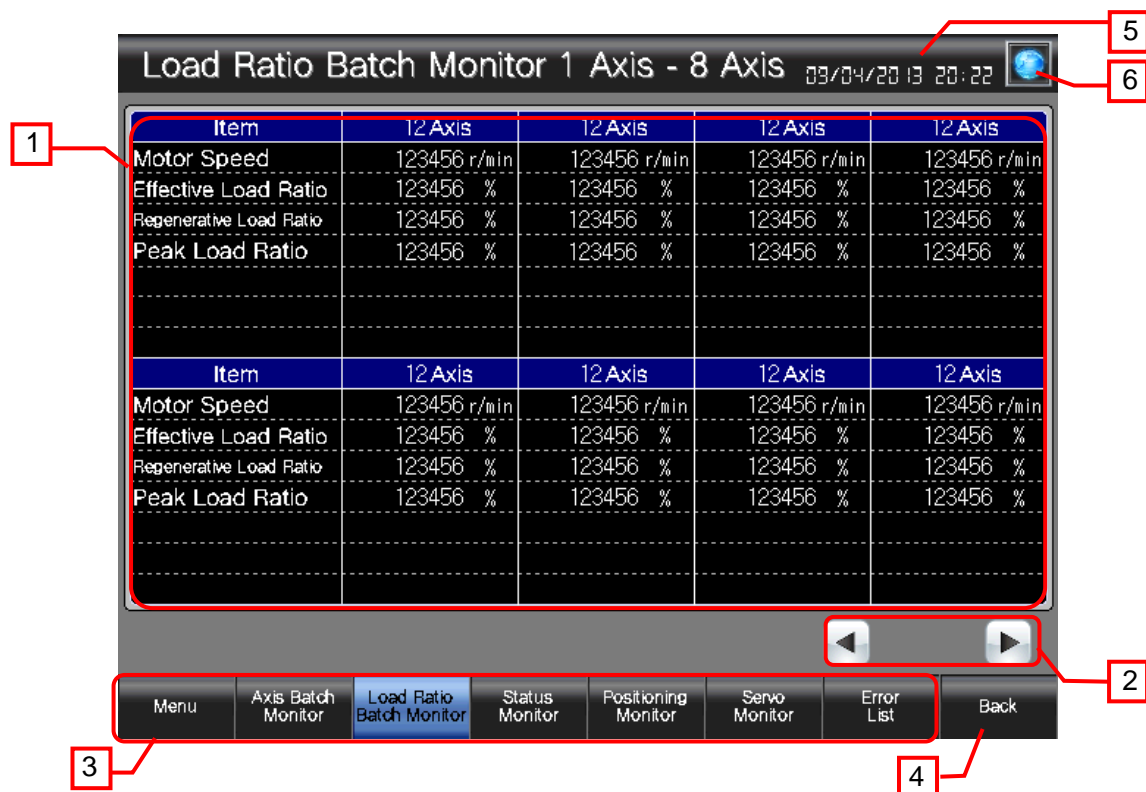
Description

1. Displays the current values of each item.
2. Switches the displayed axes by 4 axes.
3. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
4. Switches to the previously opened screen.
5. Displays the current date and time. Touch the area to open the [Clock Setting] window.
6. Opens the [Language Setting] window.

Remarks

- The [Positioning Monitor] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.3 Load Ratio Batch Monitor (B-30021)



Outline

This screen allows monitoring of the motor speed, effective load ratio, regenerative load ratio, and peak load ratio for a maximum of 32 axes with 8 axes displayed in a single page.

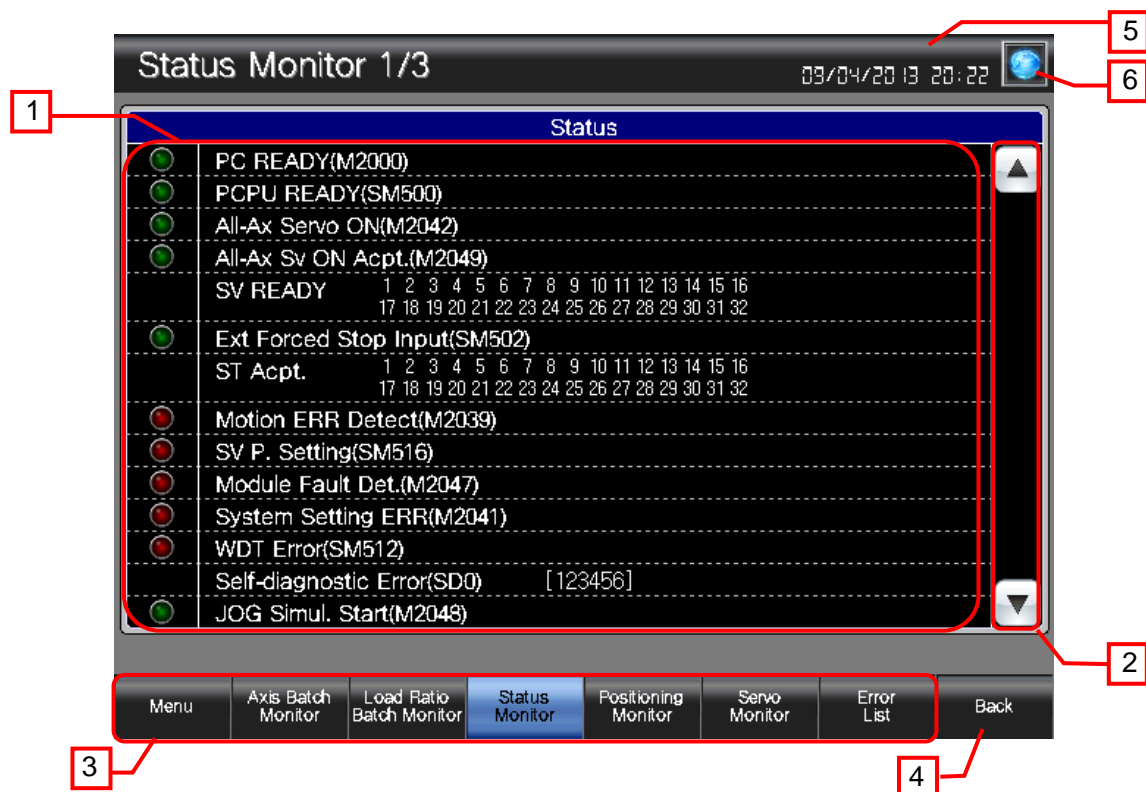
Description

1. Displays the current values of each item.
2. Switches the displayed axes by 8 axes.
3. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
4. Switches to the previously opened screen.
5. Displays the current date and time. Touch the area to open the [Clock Setting] window.
6. Opens the [Language Setting] window.

Remarks

- The [Positioning Monitor] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.4 Status Monitor (B-30031 to B-30033)



Outline

This screen allows monitoring of the Q173DCPU status.

Description

1. Displays the status of each item.
2. Switches the displayed items.
3. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
4. Switches to the previously opened screen.
5. Displays the current date and time. Touch the area to open the [Clock Setting] window.
6. Opens the [Language Setting] window.

Remarks

- The [Positioning Monitor] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.5 Positioning Monitor (Real) (B-30041)



Outline

This screen allows monitoring of the axis statuses in the real mode for a maximum of 32 axes with 1 axis displayed in a single page.

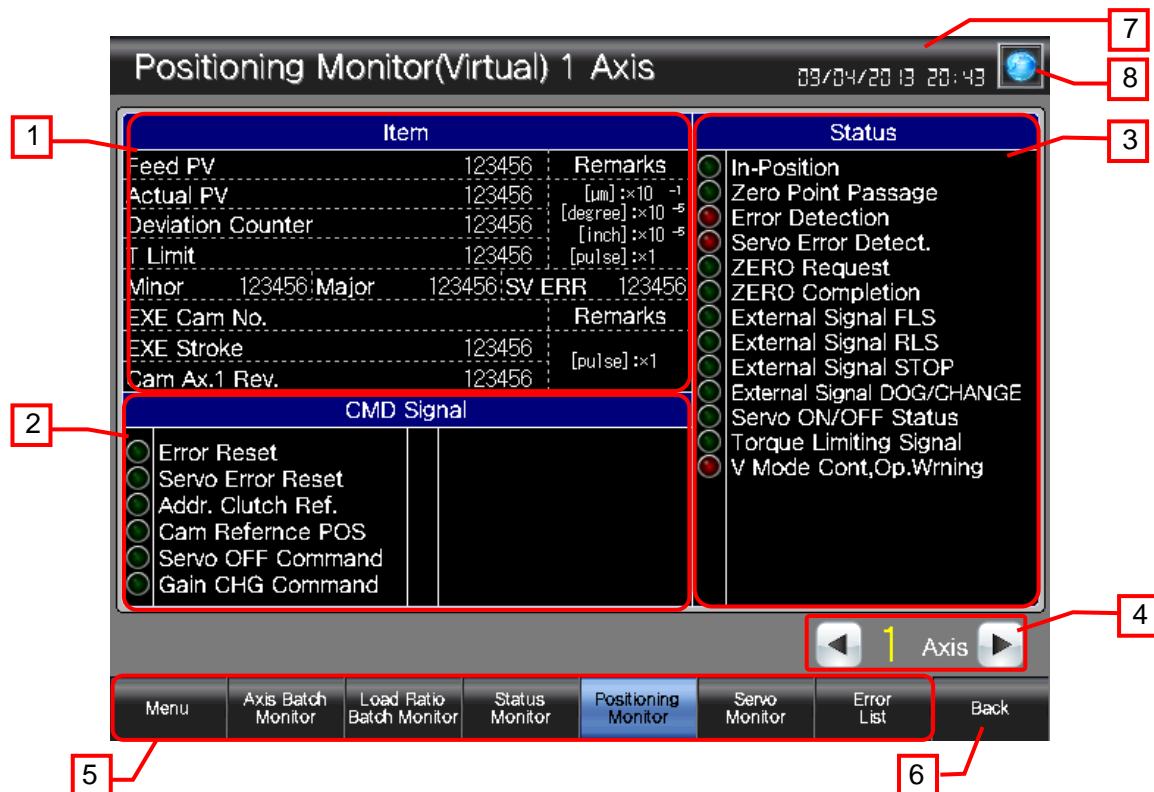
Description

1. Displays the current values of each item.
2. Displays the CMD signal status.
3. Displays the status. The lamp lights up blue in the normal state and red in the error state.
4. Switches the displayed axis. Touch the axis No. to display the [Axis No. Designation] window.
5. Switches to each screen. The green switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
6. Switches to the previously opened screen.
7. Displays the current date and time. Touch the area to open the [Clock Setting] window.
8. Opens the [Language Setting] window.

Remarks

- Object scripts are set for the numerical displays for axes. For more details about scripts, please refer to "5.6 Script List".
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.6 Positioning Monitor (Virtual) (B-30043)



Outline

This screen allows monitoring of the axis statuses in the virtual mode for a maximum of 32 axes with 1 axis displayed in a single page.

Description

1. Displays the current values of each item.
2. Displays the CMD signal status.
3. Displays the status. The lamp lights up blue in the normal state and red in the error state.
4. Switches the displayed axis. Touch the axis No. to display the [Axis No. Designation] window.
5. Switches to each screen. The green switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
6. Switches to the previously opened screen.
7. Displays the current date and time. Touch the area to open the [Clock Setting] window.
8. Opens the [Language Setting] window.

Remarks

- Object scripts are set for the numerical displays for axes. For more details about scripts, please refer to "5.6 Script List".
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.7 Servo Monitor (B-30051)



Outline

This screen allows monitoring of the motor speed, motor current, and servo alarm for a maximum of 32 axes with 16 axes displayed in a single page.

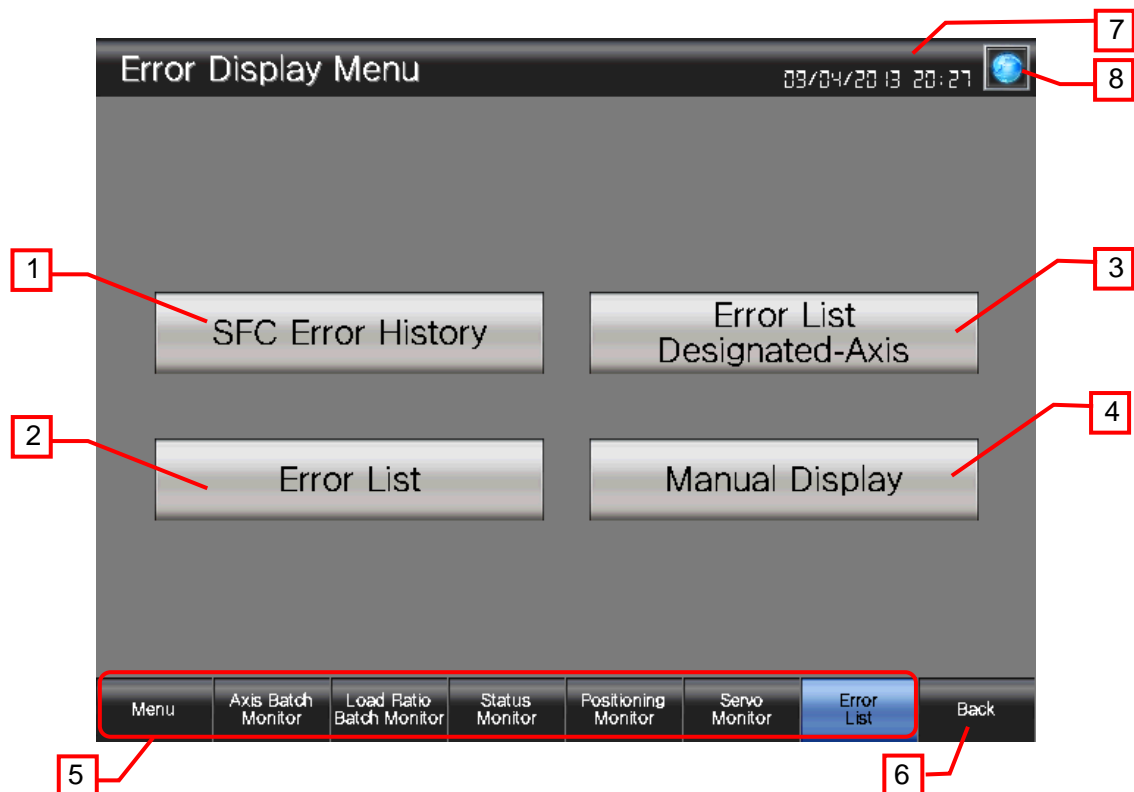
Description

1. Displays the current values of each item.
2. Switches the displayed axes by 16 axes.
3. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
4. Switches to the previously opened screen.
5. Displays the current date and time. Touch the area to open the [Clock Setting] window.
6. Opens the [Language Setting] window.

Remarks

- The [Positioning Monitor] switch allows switching to the screen that supports the real and virtual switching status.
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.8 Error Display Menu (B-30061)



Outline

This is the error display menu screen.

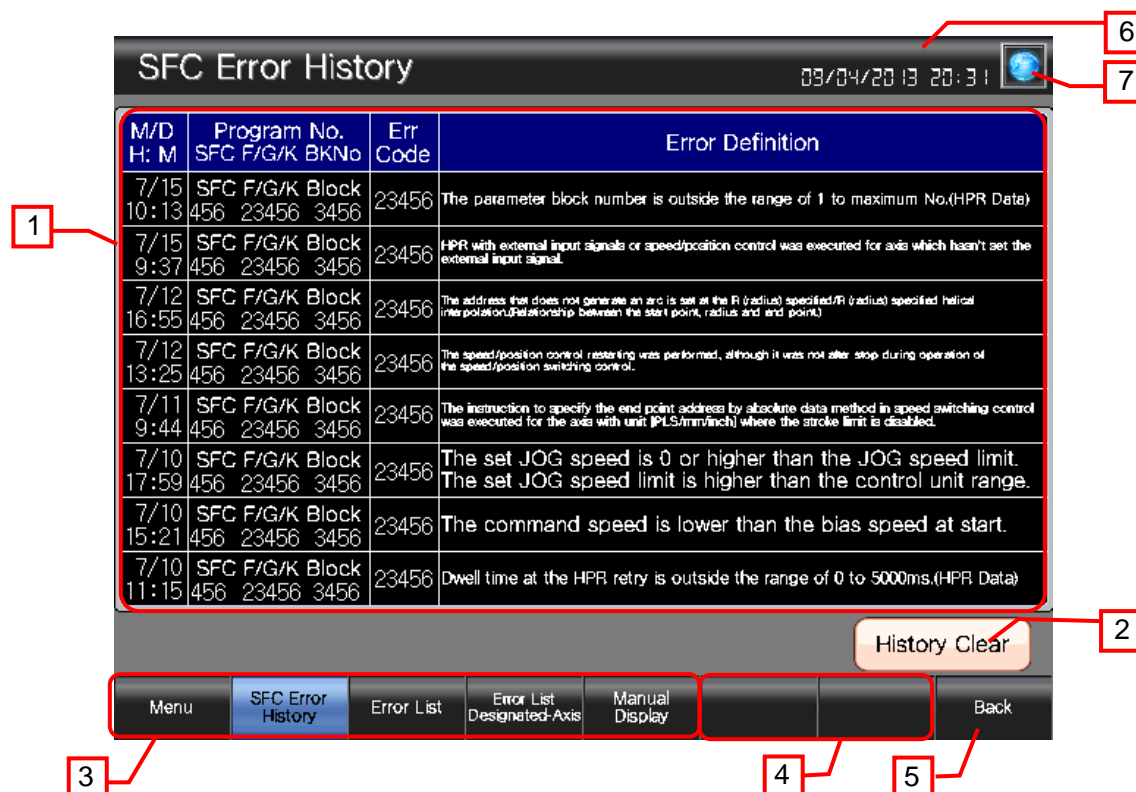
Description

1. Switches to the [SFC Error History] screen.
2. Switches to the [Error List] screen.
3. Switches to the [Error List Designated-Axis] screen.
4. Switches to the [Manual Display] screen.
5. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
6. Switches to the previously opened screen.
7. Displays the current date and time. Touch the area to open the [Clock Setting] window.
8. Opens the [Language Setting] window.

Remarks

- The [Positioning Monitor] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- The [Error List Designated-Axis] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.9 SFC Error History (B-30071)



Outline

This screen displays the SFC error history.

Description

1. Displays the latest alarm and the previous seven most recent alarms.
2. Clears the history with a 3-second long press.
3. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
4. Shows unused switches for base screen switching.
5. Switches to the previously opened screen.
6. Displays the current date and time. Touch the area to open the [Clock Setting] window.
7. Opens the [Language Setting] window.

Remarks

- Object scripts are set for word comments for displaying error definitions. For more details about scripts, please refer to "5.6 Script List".
- The [Error List Designated-Axis] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.10 Error List (B-30081)

The screenshot shows the 'Error List' screen. At the top, the title 'Error List' is on the left, and the date/time '09/06/2013 10:46' and a globe icon are on the right. Below the title bar is a table of error logs. At the bottom is a navigation bar with several buttons. Red boxes and numbers 1 through 6 point to specific elements: 1 points to the first row of the table, 2 points to the 'Menu' button, 3 points to the 'Error List' button, 4 points to the 'Back' button, 5 points to the date/time display, and 6 points to the globe icon.

M/D H: M	Axis	SV P. No.	Err Code	Error Definition	Set Data
7/15 11:55	Virt. 1	23456	Switch 123456	PLC ready(M2000)turned from OFF to ON again during deceleration made by PLC ready(M2000)OFF.	1234 1234
7/15 10:27	Sync. 2	23456	Minor 123456	The set JOG speed is 0 or higher than the JOG speed limit. The set JOG speed limit is higher than the control unit range.	1234 1234
7/15 9:43	3	23456	Major 123456	When the "Slippage System" is set as the Smoothing Clutch, the "Slippage Setting Device" value is outside the range.	1234 1234
7/11 21:10	4	23456	Switch 123456	Dwell time at the HPR retry is outside the range of 0 to 5000ms.(HPR Data)	1234 1234
7/11 19:35	5	23456	Servo 123456	When the home posit. is on the dog, the scale home posit. signal detection type home positret. Was started up again, at the home positret. complete signal ON, after completion of the home positret.	1234 1234
7/11 17:21	6	23456	Servo P 123456	At VCI (VCCI Denac) power-on, ABS/INC setting in "System Setting" differs from the installed servo driver setting.	1234 1234
7/11 11:26	7	23456	Self-Diagn. 123456	Cam number setting error - The cam number setting device value is outside the used cam number range.	1234 1234
7/10 16:48	8	23456	Safety (Err.) 123456	Setting the driver communication to servo amplifier which does not support the driver communication.	FFFF FFFF

Navigation bar buttons: Menu, SFC Error History, Error List, Error List Designated-Axis, Manual Display, Back.

Outline

This screen displays the error list.

Description

1. Displays the latest alarm and the previous seven most recent alarms.
2. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
3. Shows unused switches for base screen switching.
4. Switches to the previously opened screen.
5. Displays the current date and time. Touch the area to open the [Clock Setting] window.
6. Opens the [Language Setting] window.

Remarks

- The setting data is displayed in a hexadecimal format if the error type is safety (error) or safety (warn.)
- Object scripts are set for word comments for displaying error definitions and error types. For more details about scripts, please refer to "5.6 Script List".
- The [Error List Designated-Axis] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.11 Error List Designated-Axis (Real) (B-30091)

Error List Designated-Axis(Real) 1 Axis 03/04/20 13:20:37

Item	Err Code	Error Definition
Minor Error	123456	The parameter block number is outside the range of 1 to maximum No.(HPR Data)
Major Error	123456	During a home position return, the stop command(M3200+20n) turned ON.
Servo Error	123456	Initial communication alarm. Communication with the absolute encoder connected to the A362ES is in error.
Program No. [3456]	123456	No passing point has been set in any instruction between CPSTART-CPEND or FOR-NEXT.
R/V CHG ERR Info(H)	1234	With HPR request signal (M2409+20n) is ON for output module but for roller and real mode axis, M2043 was turned OFF to ON.
Self-diagnostic ERR	123456	AC/DC DOWN Detection. The momentary power interruption was generated. The power supply was turned off.
Motion CPU WDT ERR	123456	The system setting data, program and parameter written in the flash ROM are faulty during ROM operation.
MAN-PLS Axis ERR	Each 1-Pulse IM Error	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32
	MAN-PLS Ax ERR	1 2 3
	Each MAN-PLS SM ERR	1 2 3
Test REQ ERR	Op. Axis No. By Test Mode Req.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Menu SFC Error History Error List **Error List Designated-Axis** Manual Display Back

Outline

This screen allows monitoring of the error list in the real mode for a maximum of 32 axes with 1 axis displayed in a single page.

Description

1. Displays the minor, major and servo errors of the selected axis.
2. Displays the error definition common in all axes.
3. Switches the displayed axis. Touch the axis No. to display the [Axis No. Designation] window.
4. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
5. Shows unused switches for base screen switching.
6. Switches to the previously opened screen.
7. Displays the current date and time. Touch the area to open the [Clock Setting] window.
8. Opens the [Language Setting] window.

Remarks

- Object scripts are set for word comments for displaying error definitions. For more details about scripts, please refer to "5.6 Script List".
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.12 Error List Designated-Axis (Virtual) (B-30093)

The screenshot shows the 'Error List Designated-Axis(Virtual)' screen. At the top, the title 'Error List Designated-Axis(Virtual)' is on the left, and the date/time '03/04/2013 20:37' and a clock icon are on the right. Below the title is a table with three columns: 'Item', 'Err code', and 'Error Definition'. The table lists errors for 'Out Module', '12 Axis', 'Virt. Axis', '12 Axis', 'Sync. Enco', '12 Axis', 'R/V CHG ERR Info(H)', 'Self-diagnostic ERR', and 'Motion CPU WDT ERR'. At the bottom, there is a navigation bar with buttons: 'Menu', 'SFC Error History', 'Error List', 'Error List Designated-Axis' (highlighted in blue), 'Manual Display', and 'Back'. Numbered callouts point to various elements: 1 points to the 'Item' column, 2 points to the 'Error Definition' column, 3 points to the 'Menu' button, 4 points to the 'Error List Designated-Axis' button, 5 points to the 'Manual Display' button, 6 points to the clock icon, and 7 points to the date/time display.

Item	Err code	Error Definition
Out Module	Min.ERR	123456
12 Axis	Maj.ERR	123456
SV ERR	123456	123456
Program No. [3456]	123456	123456
Virt. Axis	Min.ERR	123456
12 Axis	Maj.ERR	123456
Sync. Enco	Min.ERR	123456
12 Axis	Maj.ERR	123456
R/V CHG ERR Info(H)	1234	1234
Self-diagnostic ERR	123456	123456
Motion CPU WDT ERR	123456	123456

Outline

This screen allows monitoring of the error list in the virtual mode for a maximum of 32 axes for the output module and virtual axis, and a maximum of 12 axes for the synchronous encoder, with 1 axis displayed in a single page.

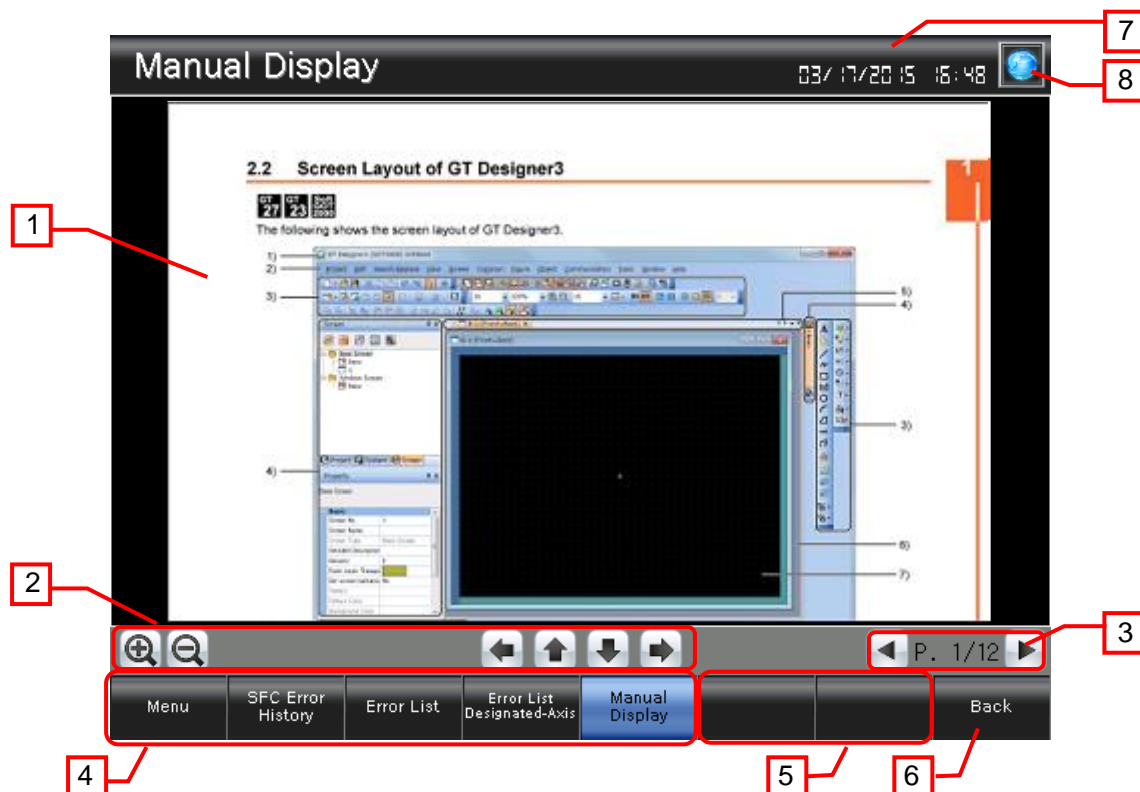
Description

1. Displays the minor, major, and servo errors of the output module. Displays the minor, major, and servo errors of the virtual axis and synchronous encoder. Touch the axis No. to display the [Axis No. Designation] window.
2. Displays the error definition common in all axes.
3. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
4. Shows unused switches for base screen switching.
5. Switches to the previously opened screen.
6. Displays the current date and time. Touch the area to open the [Clock Setting] window.
7. Opens the [Language Setting] window.

Remarks

- Object scripts are set for word comments for displaying error definitions. For more details about scripts, please refer to "5.6 Script List".
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.13 Manual Display(B-30500)



Outline

This screen displays the manual of the currently displayed language.

Description

1. Manual Display displays a document with document ID (201 to 203) according to the language. The page 1 is displayed when the screen is displayed initially. While touching the document, flicking to 8 directions will scroll the document to 8 directions. While displaying the edge of the document, flicking the document will switch pages. Pinching out and in will zoom in and out the document in 3 steps (large, middle, and small).
2. These switches operate the displayed document.
 - : Enlarges or reduces the displayed document.
 - : Enlarges or reduces the displayed document.
 - : Scrolls the displayed document to the left or right.
 - : Scrolls the displayed document to the left or right.
 - : Scrolls the displayed document up and down.
 - : Scrolls the displayed document up and down.
3. These switches operate the displayed document page.
 - : Displays the page number of the displayed document. Touch the value to change the page number.
 - : Switches to the previous or next page of the displayed document.
 - : Switches to the previous or next page of the displayed document.
4. Switches to each screen. The blue switch indicates the currently displayed screen, thus selecting this switch will not switch the screen.
5. Shows unused switches for base screen switching.
6. Switches to the previously opened screen.
7. Displays the current date and time. Touch the area to open the [Clock Setting] window.
8. Opens the [Language Setting] window.

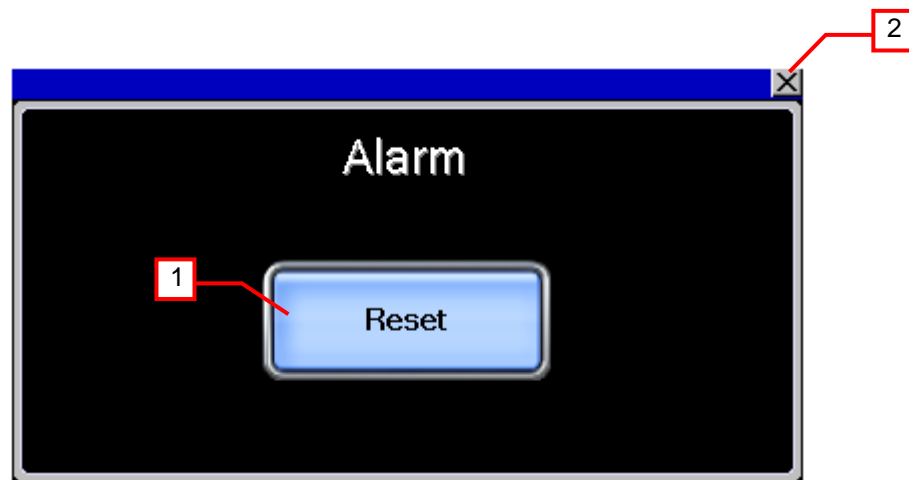
Remarks

- The language setting reflect documents for Manual display. The relation of the column No. of the comment group No., languages and document (Document ID) is shown below.

Column No. of the comment group No	Language	Document ID
1	English	201
2	Japanese	202
3	Chinese (Simplified)	203

- When GOT is started, the document page is set to No. "1" and the Document ID is set to "201" with the project script. For more details about scripts, please refer to "5.6 Script List".
- The page feed switches are set not to exceed the total number of document pages by object script. For more details about scripts, please refer to "5.6 Script List".
- The document data for the manual display should be prepared by the customers. For more details, please refer to "6. MANUAL DISPLAY".
- The [Error List Designated-Axis] switch allows switching to the screen that supports the real and virtual switching status (M2044).
- If a system alarm occurs, the alarm message will appear at the bottom of the screen. When touching the left end of the message, the display position of the message changes in the order of upper, center, and lower. When touching the other part of the message, the [Alarm Reset] window appears.

5.3.14 Alarm Reset (W-30001)



Outline

This window screen allows resetting the system alarm.

Description

1. Resets the system alarm, and closes the window screen after 1 second.
2. Closes the window screen.

Remarks

5.3.15 Language Setting (W-30002)



Outline

This window screen allows selecting the GOT language.

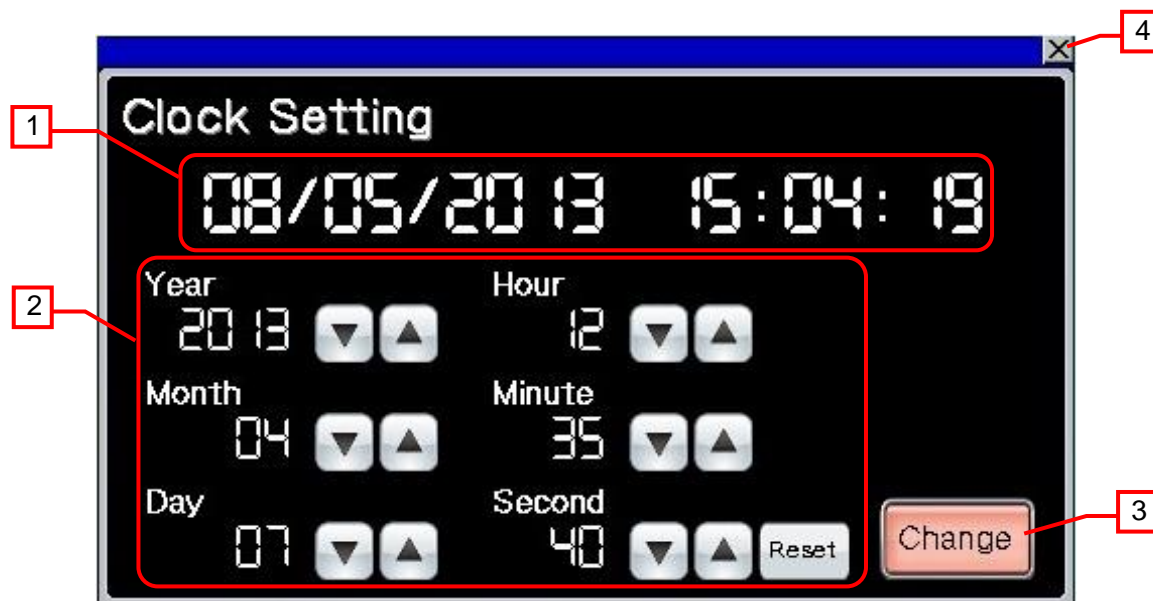
Description

1. Switches the language, and closes the window screen.
2. Closes the window screen.

Remarks

- The system language and Document ID for manual display also switched corresponding to the display language.

5.3.16 Clock Setting (W-30003)



Outline

This window screen allows changing the GOT clock data.

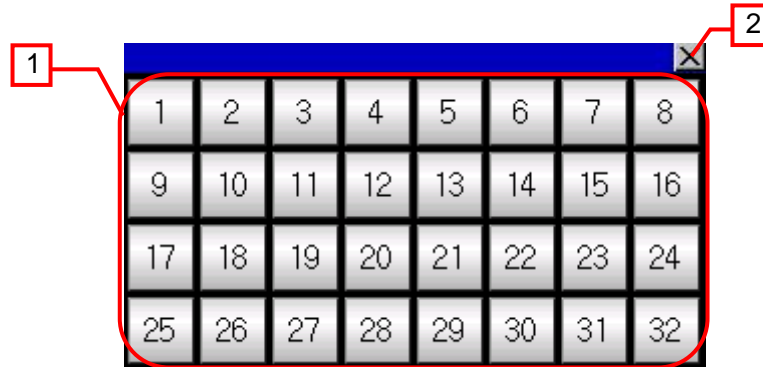
Description

1. Displays the current date and time.
2. Use switches to change the date and time. Hold down the switches to increment or decrement the value continuously. The [Reset] switch resets the seconds.
3. Applies the set date and time to the GOT clock data, and closes the window screen after 1 second.
4. Closes the window screen.

Remarks

- The date and time at window opening are initially set as the clock data to be newly set.
- Object scripts are set for the numerical display of the year, month, date, hour, minute and second in the clock data to be newly set. For more details about scripts, please refer to "5.6 Script List".

5.3.17 Axis No. Designation (W-30004)



Outline

This window screen allows specification of the axis to be monitored.

Description

1. Directly specifies the axis to be monitored from axis 1 to 32, and closes the window screen.
2. Closes the window screen.

Remarks

5.4 Device List

Some of the devices specified for the on-screen switches, lamps, or others are also used for common settings of functions such as scripts. Using [Batch Edit] is recommended to change these devices in a batch. For more details about using [Batch Edit], please refer to the "GT Designer3 (GOT2000) Help".

5.4.1 Motion controller devices

Type	Device No.	Application
Bit	M2000	Programmable Controller Ready
	M2001 to M2032	ST Acpt. (Axis 1 to 32)
	M2035	Alarm History Clear
	M2038	Debug Mode in Progress
	M2039	Motion Error Detection Signal
	M2041	System Setting Error
	M2042	All Axes Servo ON
	M2043	Switching Request
	M2044	Switching Status
	M2045	Switching Error
	M2046	Synchronization Deviation
	M2047	Unit Error Detection
	M2048	JOG Simultaneous Start Command
	M2049	All Axes Servo ON Acceptance
	M2051	Manual Pulsar 1 Permission
	M2052	Manual Pulsar 2 Permission
	M2053	Manual Pulsar 3 Permission
	M2054	Operation Cycle Over Warning
	M2400+20n (n = 0 to 31)	POS StartCompletion (Axis 1 to 32)
	M2401+20n (n = 0 to 31)	POS Completion (Axis 1 to 32)
	M2402+20n (n = 0 to 31)	In-Position (Axis 1 to 32)
	M2403+20n (n = 0 to 31)	Command In-Position (Axis 1 to 32)
	M2404+20n (n = 0 to 31)	Speed Controlling (Axis 1 to 32)
	M2405+20n (n = 0 to 31)	Speed/POS CHG Latch (Axis 1 to 32)
	M2406+20n (n = 0 to 31)	Zero Point Passage (Axis 1 to 32)
	M2407+20n (n = 0 to 31)	Error Detection (Axis 1 to 32)
	M2408+20n (n = 0 to 31)	Servo Error Detect. (Axis 1 to 32)
	M2409+20n (n = 0 to 31)	ZERO Request (Axis 1 to 32)
	M2410+20n (n = 0 to 31)	ZERO Completion (Axis 1 to 32)
	M2411+20n (n = 0 to 31)	External Signal FLS (Axis 1 to 32)
	M2412+20n (n = 0 to 31)	External Signal RLS (Axis 1 to 32)
	M2413+20n (n = 0 to 31)	External Signal STOP (Axis 1 to 32)
	M2414+20n (n = 0 to 31)	External Signal DOG/CHANGE (Axis 1 to 32)
	M2415+20n (n = 0 to 31)	Servo Ready (ON/OFF status) (Axis 1 to 32)
	M2416+20n (n = 0 to 31)	Torque Limiting Signal (Axis 1 to 32)
	M2418+20n (n = 0 to 31)	Virtual Mode Continuous Operation Load Warning (Axis 1 to 32)
	M2419+20n (n = 0 to 31)	M code Outputting (Axis 1 to 32)
	M3200+20n (n = 0 to 31)	Stop Command (Axis 1 to 32)
	M3201+20n (n = 0 to 31)	Rapid Stop Command (Axis 1 to 32)
	M3202+20n (n = 0 to 31)	Forward JOG Start (Axis 1 to 32)
	M3203+20n (n = 0 to 31)	Reverse JOG Start (Axis 1 to 32)
	M3204+20n (n = 0 to 31)	Completion Sign. OFF (Axis 1 to 32)
	M3205+20n (n = 0 to 31)	Enable Speed/POS CHG (Axis 1 to 32)
	M3207+20n (n = 0 to 31)	Error Reset (Axis 1 to 32)

Type	Device No.	Application
Bit	M3208+20n (n = 0 to 31)	Servo Error Reset (Axis 1 to 32)
	M3209+20n (n = 0 to 31)	Invalid STOP in Start (Axis 1 to 32)
	M3212+20n (n = 0 to 31)	Feed PV Update Cmd. (Axis 1 to 32)
	M3213+20n (n = 0 to 31)	Setting Address Reference to Scratch (Axis 1 to 32)
	M3214+20n (n = 0 to 31)	Cam Reference POS (Axis 1 to 32)
	M3215+20n (n = 0 to 31)	Servo OFF Command (Axis 1 to 32)
	M3216+20n (n = 0 to 31)	Gain CHG Command (Axis 1 to 32)
	M3219+20n (n = 0 to 31)	FIN Signal (Axis 1 to 32)
	M4642+4n (n = 0 to 11)	Syn.Enc (Virtual Mode Continuous Operation Inability Warning) (Axis 1 to 12)
	SM500	PCPU Preparation Completion
	SM501	Test Mode in Progress
	SM502	Emergency Stop Input
	SM510	Test Mode Request Error
	SM512	WDT Error
	SM513	Manual Pulsar Axis Setting Error
	SM516	Servo P. Setting Error
	SD510.b0 to SD510.b15	Request Error (Axis 1 to 16)
	SD511.b0 to SD511.b15	Request Error (Axis 17 to 32)
	SD513.b0 to SD513.b2	MAN-PLS Ax ERR (P1 to P3)
	SD513.b3 to SD513.b5	Each MAN-PLS SM ERR (P1 to P3)
	SD514.b0 to SD514.b15	Pulse Input Multiplying Factor Setting Error (Axis 1 to 16)
	SD515.b0 to SD515.b15	Pulse Input Multiplying Factor Setting Error (Axis 17 to 32)
Word	D0+20n (n = 0 to 31)	Feed PV (Axis 1 to 32)
	D2+20n (n = 0 to 31)	Actual PV (Axis 1 to 32)
	D4+20n (n = 0 to 31)	Dvt.Counter (Axis 1 to 32)
	D6+20n (n = 0 to 31)	Min.ERR (Axis 1 to 32)
	D7+20n (n = 0 to 31)	Maj.ERR (Axis 1 to 32)
	D8+20n (n = 0 to 31)	SV ERR (Axis 1 to 32)
	D12+20n (n = 0 to 31)	EXE Prog No. (Axis 1 to 32)
	D13+20n (n = 0 to 31)	M Code (Axis 1 to 32)
	D14+20n (n = 0 to 31)	T Limit (Axis 1 to 32)
	D802+10n (n = 0 to 31)	Virt. Axis (Min.ERR) (Axis 1 to 32)
	D803+10n (n = 0 to 31)	Virt. Axis (Maj.ERR) (Axis 1 to 32)
	D1122+10n (n = 0 to 11)	Synchronous Encoder (Min.ERR) (Axis 1 to 12)
	D1123+10n (n = 0 to 11)	Synchronous Encoder (Maj.ERR) (Axis 1 to 12)
	D1241+10n (n = 0 to 31)	EXE Cam No. (Axis 1 to 32)
	D1242+10n (n = 0 to 31)	EXE Stroke (Axis 1 to 32)
	D1243+10n (n = 0 to 31)	Cam Ax.1 Rev. (Axis 1 to 32)
	D8000+3n (n = 0 to 31)	Effective Load Ratio (Axis 1 to 32)
	D8001+3n (n = 0 to 31)	Regenerative Load Ratio (Axis 1 to 32)
	D8002+3n (n = 0 to 31)	Peak Load Ratio (Axis 1 to 32)
	SD0	Self-Diagnosis Error
	SD504	Real/Virtual Switching Error
	SD512	WDT Error
	SD516	Program No.
	SD517	Program Error
	SD520	Current Main Cycle
	SD521	Maximum Main Cycle
	SD522	Operation Cycle Monitor
	SD523	Set Operation Cycle
	#8001+20n (n = 0 to 31)	Motor Current (Axis 1 to 32)

Type	Device No.	Application
Word	#8002+20n (n = 0 to 31)	Motor Speed (Axis 1 to 32)
	#8008+20n (n = 0 to 31)	Servo Display Error Code (Axis 1 to 32)
	#8640+12n (n = 0 to 7)	Motion SFC Error Program No. (Latest to 7th Previous)
	#8641+12n (n = 0 to 7)	Error Type (Latest to 7th Previous)
	#8642+12n (n = 0 to 7)	Error Program No. (Latest to 7th Previous)
	#8643+12n (n = 0 to 7)	Error Block No./Motion SFC List/Line No./Axis No. (Latest to 7th Previous)
	#8644+12n (n = 0 to 7)	Error Code (Latest to 7th Previous)
	#8645+12n (n = 0 to 7)	Error Time (Year/Month) (Latest to 7th Previous)
	#8646+12n (n = 0 to 7)	Error Time (Day/Hour) (Latest to 7th Previous)
	#8647+12n (n = 0 to 7)	Error Time (Minute/Second) (Latest to 7th Previous)
	#8650+12n (n = 0 to 7)	Error Setting Data (Latest to 7th Previous)
	#8651+12n (n = 0 to 7)	

5.4.2 GOT internal devices

Type	Device No.	Application
Bit	GB40	Script Trigger (Always ON)
	GD60031.b13	GOT Error Reset Signal
	GD61103.b0	Positioning Monitor (Real) (Axis No. Designation Script Trigger)
	GD61154.b0	Positioning Monitor (Virtual) (Axis No. Designation Script Trigger)
	GD61403.b0	Error List Designated-Axis (Real) (Axis No. Designation Script Trigger)
	GD61453.b0	Error List Designated-Axis (Virtual) (Output Module Axis No. Designation Script Trigger)
	GD61456.b0	Error List Designated-Axis (Virtual) (Virtual Axis Axis No. Designation Script Trigger)
	GD61459.b0	Error List Designated-Axis (Virtual) (Synchronous Encoder Axis No. Designation Script Trigger)
	GD61502.b0	Axis Designation Switch Write Flag
	GS512.b0	Time Change Signal
Word	GD60000	Base Screen Switching
	GD60001	Overlap Window 1 Screen Switching
	GD60004	Overlap Window 2 Screen Switching
	GD60007	Overlap Window 3 Screen Switching
	GD60021	Language Switching
	GD60022	System Language Switching
	GD60031, GD60041	System Information
	GD60080 to GD60082	Document Display
	GD61001	Axis Batch Monitor (Axis No.)
	GD61002	Axis Batch Monitor (Offset Device)
	GD61003	Axis Batch Monitor (Title Switching Device)
	GD61051	Load Ratio Batch Monitor (Axis No.)
	GD61052	Load Ratio Batch Monitor (Offset Device)
	GD61053	Load Ratio Batch Monitor (Offset Device)
	GD61054	Load Ratio Batch Monitor (Title Switching Device)
	GD61101	Positioning Monitor (Real) (Axis No.)
	GD61102	Positioning Monitor (Real) (Offset Device)
	GD61104	Positioning Monitor (Real) (Title Switching Device)
	GD61151	Positioning Monitor (Virtual) (Axis No.)
	GD61152	Positioning Monitor (Virtual) (Offset Device)
	GD61153	Positioning Monitor (Virtual) (Offset Device)
	GD61155	Positioning Monitor (Virtual) (Title Switching Device)
	GD61201	Servo Monitor (Axis No.)

Type	Device No.	Application
Word	GD61202	Servo Monitor (Offset Device)
	GD61203	Servo Monitor (Title Switching Device)
	GD61251 to GD61258	Motion SFC & Error List (Comment Group No. Storage)
	GD61261 to GD61268	Motion SFC & Error List (Comment No. Storage)
	GD61301 to GD61308	Error List (Error Type Judgment Latest to 7th Previous)
	GD61401	Error List Designated-Axis (Real) (Axis No.)
	GD61402	Error List Designated-Axis (Real) (Offset Device)
	GD61404	Error List Designated-Axis (Real) (Title Switching Device)
	GD61405	Error List Designated-Axis (Real) (Real/Virtual Switching Error Display Device)
	GD61451	Error List Designated-Axis (Virtual) (Output Module Axis No.)
	GD61452	Error List Designated-Axis (Virtual) (Output Module Offset Device)
	GD61454	Error List Designated-Axis (Virtual) (Virtual Axis Axis No.)
	GD61455	Error List Designated-Axis (Virtual) (Virtual Axis Offset Device)
	GD61457	Error List Designated-Axis (Virtual) (Synchronous Encoder Axis No.)
	GD61458	Error List Designated-Axis (Virtual) (Synchronous Encoder Offset Device)
	GD61460	Error List Designated-Axis (Virtual) (Real/Virtual Switching Error Display Device)
	GD61501	Axis Designation Switch Axis No. Setting Device
	GD61551	Initialization Completion Flag
	GD63990 to GD63995	Clock Digital Switch
	GS513 to GS516	Changed Time
	GS650 to GS652	Current Time
	TMP950 to TMP996	For Script Operation

5.5 Comment List

Comment group No.	Comment No.	Where comments are used
247	No. 21 to No. 12040	B-30071 to B-30093
248	No. 1 to No. 908	B-30071 to B-30093
249	No. 2010 to No. 2952	B-30071 to B-30093
250	No. 16000 to No. 18024	B-30071 to B-30073
251	No. 1 to No. 4096	B-30071 to B-30093
252	No. 1 to No. 304	B-30071 to B-30093
253	No. 1000 to No. 10051	B-30071 to B-30093
254	No. 9 to No. 210	B-30071 to B-30073
255	No. 1	B-30001 to B-30500
	No. 2 to No. 4	B-30001
	No. 5	B-30031
	No. 6	B-30032
	No. 7	B-30033
	No. 8 to No. 10	B-30001
	No. 11	B-30061
	No. 12	B-30061 to B-30071
	No. 13	B-30061, B-30081
	No. 14	B-30061
	No. 15	B-30061, B-30500
	No. 16 to No. 21	B-30011 to B-30061
	No. 22 to No. 25	B-30071 to B-30500
	No. 26	B-30011 to B-30500
	No. 27	B-30011 to B-30021, B-30041 to B-30051, B-30081 to B-30093
	No. 28	B-30011 to 30021, B-30041 to 30051, B-30093

Comment group No.	Comment No.	Where comments are used
255	No. 29	B-30031 to B-30043
	No. 30	B-30041 to B-30043
	No. 101 to No. 119	B-30011
	No. 201 to No. 208	B-30021
	No. 301 to No. 314	B-30031
	No. 351 to No. 364	B-30032
	No. 401 to No. 405	B-30033
	No. 501 to No. 573	B-30041
	No. 601 to No. 662	B-30043
	No. 701 to No. 705	B-30051
	No. 801 to No. 811	B-30071
	No. 901 to No. 920	B-30081
	No. 1001 to No. 1047	B-30091
	No. 1101 to No. 1112	B-30093
	No. 1201 to No. 1202	W-30001
	No. 1211	W-30002
	No. 1221 to No. 1229	W-30003

5.6 Script List

Item	Setting
Project script	Specified
Screen script	B-30500、W-30004
Object script	B-30041, B-30043, B-30071, B-30081, B-30091, B-30093, B-30500, W-30003

5.6.1 Project script

Script No.	30001	Script name	Script30001
Comment	Initial Setting		
Data type	Signed BIN16	Trigger type	Rise, GB40
<pre>//Internal Devices Not Reset (After Rebooting GOT) if([w:GD61551] == 0){ //Initialize numerical objects that can directly specify axis numbers. [w:GD61101] = 1; //Set 1 to Axis No. of Base Screen 30041 [w:GD61151] = 1; //Set 1 to Axis No. of Base Screen 30043 [w:GD61401] = 1; //Set 1 to Axis No. of Base Screen 30091 [w:GD61451] = 1; //Set 1 to Axis No. of Base Screen 30093 [w:GD61454] = 1; //Set 1 to Axis No. of Base Screen 30093 [w:GD61457] = 1; //Set 1 to Axis No. of Base Screen 30093 //Initialize the offset device of screens that allow direct specification of Axis No. [w:GD61102] = 0; //Initialize Offset Device of Base Screen 30041 [w:GD61152] = 0; //Initialize Offset Device of Base Screen 30043 [w:GD61153] = 0; //Initialize Offset Device of Base Screen 30043 [w:GD61402] = 0; //Initialize Offset Device of Base Screen 30091 [w:GD61452] = 0; //Initialize Offset Device of Base Screen 30093 [w:GD61455] = 0; //Initialize Offset Device of Base Screen 30093 [w:GD61458] = 0; //Initialize Offset Device of Base Screen 30093 //Initial settings of processing to change screen titles according to the monitored axis. [w:GD61003] = 101; //Specify Title Comment No. of Base Screen 30011 [w:GD61054] = 201; //Specify Title Comment No. of Base Screen 30021 [w:GD61104] = 501; //Specify Title Comment No. of Base Screen 30041 [w:GD61155] = 601; //Specify Title Comment No. of Base Screen 30043 [w:GD61203] = 701; //Specify Title Comment No. of Base Screen 30051 [w:GD61404] = 1001; //Specify Title Comment No. of Base Screen 30091</pre>			

```
//Set Flag
[w:GD61551] = 1;
}

[w:GD60080]=201; //Set Document ID to 201
[w:GD60081]=1;    //Set Document page No. to 1
```

5.6.2 Screen script

Base screen 30500

Script No.	30002	Script name	Script30002
Comment	DocumentDisplayProcessOfLastPage		
Data type	Unsigned BIN16	Trigger type	Ordinary
<pre>//Check the total number of document pages is not 0. if([w:GD60082]!=0){ //Compare the current page number to the total number of document pages to see if the current page number exceeds the total number. if([w:GD60081]>[w:GD60082]){ //Set the last page to display. [w:GD60081]=[w:GD60082]; } }</pre>			

Window screen 30004

Script No.	30100	Script name	Script30100
Comment	Flag Reset		
Data type	Signed BIN16	Trigger type	When closing a screen
<pre>//Reset Flags if([b:GD61502.b0] == ON){ rst([b:GD61502.b0]); } rst([b:GD61459.b0]); rst([b:GD61103.b0]); rst([b:GD61154.b0]); rst([b:GD61403.b0]); rst([b:GD61453.b0]); rst([b:GD61456.b0]);</pre>			

5.6.3 Object script

Base screen 30041

Object	Numerical display	Object ID *1	10006
Script user ID	1		
Data type	Signed BIN16	Trigger type	ON, GD61103.b0
<pre>//Axis No. Specification Switch Pressed if([b:GD61502.b0] == ON){ [w:GD61101] = [w:GD61501]; //Store Axis No. [w:GD61102] = 20 * ([w:GD61101] - 1); //Offset for the Number of Axis No. [w:GD61104] = 501 + ([w:GD61101] - 1); //Change Title According to Axis }</pre>			

Base screen 30043

Object	Numerical display	Object ID *1	10008
Script user ID	1		
Data type	Signed BIN16	Trigger type	ON, GD61154.b0
<pre>//Axis No. Specification Switch Pressed if([b:GD61502.b0] == ON){ [w:GD61151] = [w:GD61501]; //Store Axis No. [w:GD61152] = 20 * ([w:GD61151] - 1); //Offset for the Number of Axis No. [w:GD61153] = 10 * ([w:GD61151] - 1); //Offset for the Number of Axis No. [w:GD61155] = 601 + ([w:GD61151] - 1); //Change Title According to Axis }</pre>			

Base screen 30071

Object	Word comment	Object ID *1	10066
Script user ID	1		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8725]) { case 3: //Minor Error or Major Error [w:GD61251] = 247; [w:GD61261] = [0-FF/2:w:#8728]; break; case 4: //Minor Error or Major Error [w:GD61251] = 247; [w:GD61261] = [0-FF/2:w:#8728]; break; case 5: //Minor Error or Major Error [w:GD61251] = 247; [w:GD61261] = [0-FF/2:w:#8728]; break; case 6: //Servo Error [w:GD61251] = 249; [w:GD61261] = [0-FF/2:w:#8728]; break; case 7: //Servo Program Error [w:GD61251] = 248; [w:GD61261] = [0-FF/2:w:#8728]; break; case 8: //Real Virtual Switching Error [w:GD61251] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8728]){ case -4094: [w:GD61261] = 4094; break; case -4095: [w:GD61261] = 4095; break; case -4096: [w:GD61261] = 4096; break; default: [w:GD61261] = [0-FF/2:w:#8728]; } break; case 11: //WDT Error [w:GD61251] = 252; [w:GD61261] = [0-FF/2:w:#8728]; break; case 13: //Self Diagnostic Error</pre>			

```

[w:GD61251] = 253;
[w:GD61261] = [0-FF/2:w:#8728];
break;
case 14: //Self Diagnostic Error
[w:GD61251] = 253;
[w:GD61261] = [0-FF/2:w:#8728];
break;
case 20: //Motion SFC Error
[w:GD61251] = 250;
[w:GD61261] = [0-FF/2:w:#8728];
break;
case 21: //Motion SFC Error
[w:GD61251] = 250;
[w:GD61261] = [0-FF/2:w:#8728];
break;
case 22: //Motion SFC Error
[w:GD61251] = 250;
[w:GD61261] = [0-FF/2:w:#8728];
break;
case 23: //Motion SFC Error
[w:GD61251] = 250;
[w:GD61261] = [0-FF/2:w:#8728];
break;
case 50: //Safety Observation Error
[w:GD61251] = 254;
[w:GD61261] = [0-FF/2:w:#8728];
break;
case 51: //Safety Observation Error
[w:GD61251] = 254;
//Switch Comments for Warning and Error
if([0-FF/2:w:#8728] == 10){
[w:GD61261] = 1010;
}else{
[w:GD61261] = [0-FF/2:w:#8728];
}
break;
default: //Reset Error Comments When Clearing History
[w:GD61261] = 0;
}

```

Object	Word comment	Object ID *1	10067
Script user ID	2		
Data type	Signed BIN16	Trigger type	Ordinary

```

//Determine Comment Group to Display According to Error Type
//Determine Comment No. According to Error Code
switch([0-FF/2:w:#8713])
{
case 3: //Minor Error or Major Error
[w:GD61252] = 247;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 4: //Minor Error or Major Error
[w:GD61252] = 247;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 5: //Minor Error or Major Error
[w:GD61252] = 247;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 6: //Servo Error
[w:GD61252] = 249;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 7: //Servo Program Error
[w:GD61252] = 248;

```

```

[w:GD61262] = [0-FF/2:w:#8716];
break;
case 8: //Real Virtual Switching Error
[w:GD61252] = 251;
//If Error Code Is Special, Replace with Alternative Comment No.
switch([0-FF/2:w:#8716]){
    case -4094:
        [w:GD61262] = 4094;
        break;
    case -4095:
        [w:GD61262] = 4095;
        break;
    case -4096:
        [w:GD61262] = 4096;
        break;
    default:
        [w:GD61262] = [0-FF/2:w:#8716];
}
break;
case 11: //WDT Error
[w:GD61252] = 252;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 13: //Self Diagnostic Error
[w:GD61252] = 253;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 14: //Self Diagnostic Error
[w:GD61252] = 253;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 20: //Motion SFC Error
[w:GD61252] = 250;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 21: //Motion SFC Error
[w:GD61252] = 250;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 22: //Motion SFC Error
[w:GD61252] = 250;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 23: //Motion SFC Error
[w:GD61252] = 250;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 50: //Safety Observation Error
[w:GD61252] = 254;
[w:GD61262] = [0-FF/2:w:#8716];
break;
case 51: //Safety Observation Error
[w:GD61252] = 254;
//Switch Comments for Warning and Error
if([0-FF/2:w:#8716] == 10){
    [w:GD61262] = 1010;
}else{
    [w:GD61262] = [0-FF/2:w:#8716];
}
break;
default: //Reset Error Comments When Clearing History
[w:GD61262] = 0;
}

```

Object	Word comment	Object ID *1	10068
Script user ID	3		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8701]) { case 3: //Minor Error or Major Error [w:GD61253] = 247; [w:GD61263] = [0-FF/2:w:#8704]; break; case 4: //Minor Error or Major Error [w:GD61253] = 247; [w:GD61263] = [0-FF/2:w:#8704]; break; case 5: //Minor Error or Major Error [w:GD61253] = 247; [w:GD61263] = [0-FF/2:w:#8704]; break; case 6: //Servo Error [w:GD61253] = 249; [w:GD61263] = [0-FF/2:w:#8704]; break; case 7: //Servo Program Error [w:GD61253] = 248; [w:GD61263] = [0-FF/2:w:#8704]; break; case 8: //Real Virtual Switching Error [w:GD61253] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8704]){ case -4094: [w:GD61263] = 4094; break; case -4095: [w:GD61263] = 4095; break; case -4096: [w:GD61263] = 4096; break; default: [w:GD61263] = [0-FF/2:w:#8704]; } break; case 11: //WDT Error [w:GD61253] = 252; [w:GD61263] = [0-FF/2:w:#8704]; break; case 13: //Self Diagnostic Error [w:GD61253] = 253; [w:GD61263] = [0-FF/2:w:#8704]; break; case 14: //Self Diagnostic Error [w:GD61253] = 253; [w:GD61263] = [0-FF/2:w:#8704]; break; case 20: //Motion SFC Error [w:GD61253] = 250; [w:GD61263] = [0-FF/2:w:#8704]; break; case 21: //Motion SFC Error [w:GD61253] = 250; [w:GD61263] = [0-FF/2:w:#8704]; break; }</pre>			

<pre> case 22: //Motion SFC Error [w:GD61253] = 250; [w:GD61263] = [0-FF/2:w:#8704]; break; case 23: //Motion SFC Error [w:GD61253] = 250; [w:GD61263] = [0-FF/2:w:#8704]; break; case 50: //Safety Observation Error [w:GD61253] = 254; [w:GD61263] = [0-FF/2:w:#8704]; break; case 51: //Safety Observation Error [w:GD61253] = 254; //Switch Comments for Warning and Error if([0-FF/2:w:#8704] == 10){ [w:GD61263] = 1010; }else{ [w:GD61263] = [0-FF/2:w:#8704]; } break; default: //Reset Error Comments When Clearing History [w:GD61263] = 0; } </pre>			
Object	Word comment	Object ID *1	10069
Script user ID	4		
Data type	Signed BIN16	Trigger type	Ordinary
<pre> //Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8689]) { case 3: //Minor Error or Major Error [w:GD61254] = 247; [w:GD61264] = [0-FF/2:w:#8692]; break; case 4: //Minor Error or Major Error [w:GD61254] = 247; [w:GD61264] = [0-FF/2:w:#8692]; break; case 5: //Minor Error or Major Error [w:GD61254] = 247; [w:GD61264] = [0-FF/2:w:#8692]; break; case 6: //Servo Error [w:GD61254] = 249; [w:GD61264] = [0-FF/2:w:#8692]; break; case 7: //Servo Program Error [w:GD61254] = 248; [w:GD61264] = [0-FF/2:w:#8692]; break; case 8: //Real Virtual Switching Error [w:GD61254] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8692]){ case -4094: [w:GD61264] = 4094; break; case -4095: [w:GD61264] = 4095; break; case -4096: [w:GD61264] = 4096; break; } } } </pre>			

```

        default:
            [w:GD61264] = [0-FF/2:w:#8692];
        }
        break;
    case 11: //WDT Error
        [w:GD61254] = 252;
        [w:GD61264] = [0-FF/2:w:#8692];
        break;
    case 13: //Self Diagnostic Error
        [w:GD61254] = 253;
        [w:GD61264] = [0-FF/2:w:#8692];
        break;
    case 14: //Self Diagnostic Error
        [w:GD61254] = 253;
        [w:GD61264] = [0-FF/2:w:#8692];
        break;
    case 20: //Motion SFC Error
        [w:GD61254] = 250;
        [w:GD61264] = [0-FF/2:w:#8692];
        break;
    case 21: //Motion SFC Error
        [w:GD61254] = 250;
        [w:GD61264] = [0-FF/2:w:#8692];
        break;
    case 22: //Motion SFC Error
        [w:GD61254] = 250;
        [w:GD61264] = [0-FF/2:w:#8692];
        break;
    case 23: //Motion SFC Error
        [w:GD61254] = 250;
        [w:GD61264] = [0-FF/2:w:#8692];
        break;
    case 50: //Safety Observation Error
        [w:GD61254] = 254;
        [w:GD61264] = [0-FF/2:w:#8692];
        break;
    case 51: //Safety Observation Error
        [w:GD61254] = 254;
        //Switch Comments for Warning and Error
        if([0-FF/2:w:#8692] == 10){
            [w:GD61264] = 1010;
        }else{
            [w:GD61264] = [0-FF/2:w:#8692];
        }
        break;
    default: //Reset Error Comments When Clearing History
        [w:GD61264] = 0;
}

```

Object	Word comment	Object ID *1	10070
Script user ID	5		
Data type	Signed BIN16	Trigger type	Ordinary

```

//Determine Comment Group to Display According to Error Type
//Determine Comment No. According to Error Code
switch([0-FF/2:w:#8677])
{
    case 3: //Minor Error or Major Error
        [w:GD61255] = 247;
        [w:GD61265] = [0-FF/2:w:#8680];
        break;
    case 4: //Minor Error or Major Error
        [w:GD61255] = 247;
        [w:GD61265] = [0-FF/2:w:#8680];
        break;
    case 5: //Minor Error or Major Error

```



```

[w:GD61255] = 247;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 6: //Servo Error
[w:GD61255] = 249;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 7: //Servo Program Error
[w:GD61255] = 248;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 8: //Real Virtual Switching Error
[w:GD61255] = 251;
//If Error Code Is Special, Replace with Alternative Comment No.
switch([0-FF/2:w:#8680]){
case -4094:
[w:GD61265] = 4094;
break;
case -4095:
[w:GD61265] = 4095;
break;
case -4096:
[w:GD61265] = 4096;
break;
default:
[w:GD61265] = [0-FF/2:w:#8680];
}
break;
case 11: //WDT Error
[w:GD61255] = 252;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 13: //Self Diagnostic Error
[w:GD61255] = 253;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 14: //Self Diagnostic Error
[w:GD61255] = 253;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 20: //Motion SFC Error
[w:GD61255] = 250;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 21: //Motion SFC Error
[w:GD61255] = 250;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 22: //Motion SFC Error
[w:GD61255] = 250;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 23: //Motion SFC Error
[w:GD61255] = 250;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 50: //Safety Observation Error
[w:GD61255] = 254;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 51: //Safety Observation Error
[w:GD61255] = 254;
//Switch Comments for Warning and Error
if([0-FF/2:w:#8680] == 10){

```

<pre> [w:GD61265] = 1010; }else{ [w:GD61265] = [0-FF/2:w:#8680]; } break; default: //Reset Error Comments When Clearing History [w:GD61265] = 0; } </pre>			
Object	Word comment	Object ID *1	10071
Script user ID	6		
Data type	Signed BIN16	Trigger type	Ordinary
<pre> //Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8665]) { case 3: //Minor Error or Major Error [w:GD61256] = 247; [w:GD61266] = [0-FF/2:w:#8668]; break; case 4: //Minor Error or Major Error [w:GD61256] = 247; [w:GD61266] = [0-FF/2:w:#8668]; break; case 5: //Minor Error or Major Error [w:GD61256] = 247; [w:GD61266] = [0-FF/2:w:#8668]; break; case 6: //Servo Error [w:GD61256] = 249; [w:GD61266] = [0-FF/2:w:#8668]; break; case 7: //Servo Program Error [w:GD61256] = 248; [w:GD61266] = [0-FF/2:w:#8668]; break; case 8: //Real Virtual Switching Error [w:GD61256] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8668]){ case -4094: [w:GD61266] = 4094; break; case -4095: [w:GD61266] = 4095; break; case -4096: [w:GD61266] = 4096; break; default: [w:GD61266] = [0-FF/2:w:#8668]; } break; case 11: //WDT Error [w:GD61256] = 252; [w:GD61266] = [0-FF/2:w:#8668]; break; case 13: //Self Diagnostic Error [w:GD61256] = 253; [w:GD61266] = [0-FF/2:w:#8668]; break; case 14: //Self Diagnostic Error [w:GD61256] = 253; [w:GD61266] = [0-FF/2:w:#8668]; break; } </pre>			

<pre> case 20: //Motion SFC Error [w:GD61256] = 250; [w:GD61266] = [0-FF/2:w:#8668]; break; case 21: //Motion SFC Error [w:GD61256] = 250; [w:GD61266] = [0-FF/2:w:#8668]; break; case 22: //Motion SFC Error [w:GD61256] = 250; [w:GD61266] = [0-FF/2:w:#8668]; break; case 23: //Motion SFC Error [w:GD61256] = 250; [w:GD61266] = [0-FF/2:w:#8668]; break; case 50: //Safety Observation Error [w:GD61256] = 254; [w:GD61266] = [0-FF/2:w:#8668]; break; case 51: //Safety Observation Error [w:GD61256] = 254; //Switch Comments for Warning and Error if([0-FF/2:w:#8668] == 10){ [w:GD61266] = 1010; }else{ [w:GD61266] = [0-FF/2:w:#8668]; } break; default: //Reset Error Comments When Clearing History [w:GD61266] = 0; } </pre>			
Object	Word comment	Object ID *1	10072
Script user ID	7		
Data type	Signed BIN16	Trigger type	Ordinary
<pre> //Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8653]) { case 3: //Minor Error or Major Error [w:GD61257] = 247; [w:GD61267] = [0-FF/2:w:#8656]; break; case 4: //Minor Error or Major Error [w:GD61257] = 247; [w:GD61267] = [0-FF/2:w:#8656]; break; case 5: //Minor Error or Major Error [w:GD61257] = 247; [w:GD61267] = [0-FF/2:w:#8656]; break; case 6: //Servo Error [w:GD61257] = 249; [w:GD61267] = [0-FF/2:w:#8656]; break; case 7: //Servo Program Error [w:GD61257] = 248; [w:GD61267] = [0-FF/2:w:#8656]; break; case 8: //Real Virtual Switching Error [w:GD61257] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8656]){ case -4094: </pre>			

```

        [w:GD61267] = 4094;
        break;
    case -4095:
        [w:GD61267] = 4095;
        break;
    case -4096:
        [w:GD61267] = 4096;
        break;
    default:
        [w:GD61267] = [0-FF/2:w:#8656];
    }
    break;
case 11: //WDT Error
    [w:GD61257] = 252;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 13: //Self Diagnostic Error
    [w:GD61257] = 253;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 14: //Self Diagnostic Error
    [w:GD61257] = 253;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 20: //Motion SFC Error
    [w:GD61257] = 250;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 21: //Motion SFC Error
    [w:GD61257] = 250;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 22: //Motion SFC Error
    [w:GD61257] = 250;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 23: //Motion SFC Error
    [w:GD61257] = 250;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 50: //Safety Observation Error
    [w:GD61257] = 254;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 51: //Safety Observation Error
    [w:GD61257] = 254;
    //Switch Comments for Warning and Error
    if([0-FF/2:w:#8656] == 10){
        [w:GD61267] = 1010;
    }else{
        [w:GD61267] = [0-FF/2:w:#8656];
    }
    break;
default: //Reset Error Comments When Clearing History
    [w:GD61267] = 0;
}

```

Object	Word comment	Object ID *1	10073
Script user ID	8		
Data type	Signed BIN16	Trigger type	Ordinary
//Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8641]) { case 3: //Minor Error or Major Error			

```

[w:GD61258] = 247;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 4: //Minor Error or Major Error
[w:GD61258] = 247;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 5: //Minor Error or Major Error
[w:GD61258] = 247;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 6: //Servo Error
[w:GD61258] = 249;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 7: //Servo Program Error
[w:GD61258] = 248;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 8: //Real Virtual Switching Error
[w:GD61258] = 251;
//If Error Code Is Special, Replace with Alternative Comment No.
switch([0-FF/2:w:#8644]){
case -4094:
[w:GD61268] = 4094;
break;
case -4095:
[w:GD61268] = 4095;
break;
case -4096:
[w:GD61268] = 4096;
break;
default:
[w:GD61268] = [0-FF/2:w:#8644];
}
break;
case 11: //WDT Error
[w:GD61258] = 252;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 13: //Self Diagnostic Error
[w:GD61258] = 253;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 14: //Self Diagnostic Error
[w:GD61258] = 253;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 20: //Motion SFC Error
[w:GD61258] = 250;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 21: //Motion SFC Error
[w:GD61258] = 250;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 22: //Motion SFC Error
[w:GD61258] = 250;
[w:GD61268] = [0-FF/2:w:#8644];
break;
case 23: //Motion SFC Error
[w:GD61258] = 250;
[w:GD61268] = [0-FF/2:w:#8644];
break;

```

```

case 50: //Safety Observation Error
    [w:GD61258] = 254;
    [w:GD61268] = [0-FF/2:w:#8644];
    break;
case 51: //Safety Observation Error
    [w:GD61258] = 254;
    //Switch Comments for Warning and Error
    if([0-FF/2:w:#8644] == 10){
        [w:GD61268] = 1010;
    }else{
        [w:GD61268] = [0-FF/2:w:#8644];
    }
    break;
default: //Reset Error Comments When Clearing History
    [w:GD61268] = 0;
}

```

Base screen 30081

Object	Word lamp	Object ID *1	10088
Script user ID	1		
Data type	Signed BIN16	Trigger type	Ordinary
<pre> //Error Type Minor or Major if(3 <= [0-FF/2:w:#8725] && [0-FF/2:w:#8725] <= 5){ //Error Type Major if((1000 <= [0-FF/2:w:#8728] && [0-FF/2:w:#8728] <= 1365) (10000 <= [0-FF/2:w:#8728] && [0-FF/2:w:#8728] <= 12050)){ [w:GD61301] = 2; }else{ [w:GD61301] = 1; } } } </pre>			
Object	Word lamp	Object ID *1	10089
Script user ID	2		
Data type	Signed BIN16	Trigger type	Ordinary
<pre> //Error Type Major if(3 <= [0-FF/2:w:#8713] && [0-FF/2:w:#8713] <= 5){ //Error Type Major if((1000 <= [0-FF/2:w:#8716] && [0-FF/2:w:#8716] <= 1365) (10000 <= [0-FF/2:w:#8716] && [0-FF/2:w:#8716] <= 12050)){ [w:GD61302] = 2; }else{ [w:GD61302] = 1; } } } </pre>			
Object	Word lamp	Object ID *1	10090
Script user ID	3		
Data type	Signed BIN16	Trigger type	Ordinary
<pre> //Error Type Minor or Major if(3 <= [0-FF/2:w:#8701] && [0-FF/2:w:#8701] <= 5){ //Error Type Major if((1000 <= [0-FF/2:w:#8704] && [0-FF/2:w:#8704] <= 1365) (10000 <= [0-FF/2:w:#8704] && [0-FF/2:w:#8704] <= 12050)){ [w:GD61303] = 2; }else{ [w:GD61303] = 1; } } } </pre>			

Object	Word lamp	Object ID *1	10091
Script user ID	4		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Error Type Minor or Major if(3 <= [0-FF/2:w:#8689] && [0-FF/2:w:#8689] <= 5){ //Error Type Major if((1000 <= [0-FF/2:w:#8692] && [0-FF/2:w:#8692] <= 1365) (10000 <= [0-FF/2:w:#8692] && [0-FF/2:w:#8692] <= 12050)){ [w:GD61304] = 2; }else{ [w:GD61304] = 1; } }else{ [w:GD61304] = [0-FF/2:w:#8689]; }</pre>			
Object	Word lamp	Object ID *1	10092
Script user ID	5		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Error Type Minor or Major if(3 <= [0-FF/2:w:#8677] && [0-FF/2:w:#8677] <= 5){ //Error Type Major if((1000 <= [0-FF/2:w:#8680] && [0-FF/2:w:#8680] <= 1365) (10000 <= [0-FF/2:w:#8680] && [0-FF/2:w:#8680] <= 12050)){ [w:GD61305] = 2; }else{ [w:GD61305] = 1; } }else{ [w:GD61305] = [0-FF/2:w:#8677]; }</pre>			
Object	Word lamp	Object ID *1	10093
Script user ID	6		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Error Type Minor or Major if(3 <= [0-FF/2:w:#8665] && [0-FF/2:w:#8665] <= 5){ //Error Type Major if((1000 <= [0-FF/2:w:#8668] && [0-FF/2:w:#8668] <= 1365) (10000 <= [0-FF/2:w:#8668] && [0-FF/2:w:#8668] <= 12050)){ [w:GD61306] = 2; }else{ [w:GD61306] = 1; } }else{ [w:GD61306] = [0-FF/2:w:#8665]; }</pre>			
Object	Word lamp	Object ID *1	10094
Script user ID	7		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Error Type Minor or Major if(3 <= [0-FF/2:w:#8653] && [0-FF/2:w:#8653] <= 5){ //Error Type Major if((1000 <= [0-FF/2:w:#8656] && [0-FF/2:w:#8656] <= 1365) (10000 <= [0-FF/2:w:#8656] && [0-FF/2:w:#8656] <= 12050)){ [w:GD61307] = 2; }else{ [w:GD61307] = 1; } }else{ [w:GD61307] = [0-FF/2:w:#8653]; }</pre>			

Object	Word lamp	Object ID *1	10095
Script user ID	8		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Error Type Minor or Major if(3 <= [0-FF/2:w:#8641] && [0-FF/2:w:#8641] <= 5){ //Error Type Major if((1000 <= [0-FF/2:w:#8644] && [0-FF/2:w:#8644] <= 1365) (10000 <= [0-FF/2:w:#8644] && [0-FF/2:w:#8644] <= 12050)){ [w:GD61308] = 2; }else{ [w:GD61308] = 1; } }else{ [w:GD61308] = [0-FF/2:w:#8641]; }</pre>			
Object	Word comment	Object ID *1	10110
Script user ID	9		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8725]) { case 3: //Minor Error or Major Error [w:GD61251] = 247; [w:GD61261] = [0-FF/2:w:#8728]; break; case 4: //Minor Error or Major Error [w:GD61251] = 247; [w:GD61261] = [0-FF/2:w:#8728]; break; case 5: //Minor Error or Major Error [w:GD61251] = 247; [w:GD61261] = [0-FF/2:w:#8728]; break; case 6: //Servo Error [w:GD61251] = 249; [w:GD61261] = [0-FF/2:w:#8728]; break; case 7: //Servo Program Error [w:GD61251] = 248; [w:GD61261] = [0-FF/2:w:#8728]; break; case 8: //Real Virtual Switching Error [w:GD61251] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8728]){ case -4094: [w:GD61261] = 4094; break; case -4095: [w:GD61261] = 4095; break; case -4096: [w:GD61261] = 4096; break; default: [w:GD61261] = [0-FF/2:w:#8728]; } break; case 11: //WDT Error [w:GD61251] = 252; [w:GD61261] = [0-FF/2:w:#8728]; }</pre>			


```

        break;
    case 13: //Self Diagnostic Error
        [w:GD61251] = 253;
        [w:GD61261] = [0-FF/2:w:#8728];
        break;
    case 14: //Self Diagnostic Error
        [w:GD61251] = 253;
        [w:GD61261] = [0-FF/2:w:#8728];
        break;
    case 20: //Motion SFC Error
        [w:GD61251] = 250;
        [w:GD61261] = [0-FF/2:w:#8728];
        break;
    case 21: //Motion SFC Error
        [w:GD61251] = 250;
        [w:GD61261] = [0-FF/2:w:#8728];
        break;
    case 22: //Motion SFC Error
        [w:GD61251] = 250;
        [w:GD61261] = [0-FF/2:w:#8728];
        break;
    case 23: //Motion SFC Error
        [w:GD61251] = 250;
        [w:GD61261] = [0-FF/2:w:#8728];
        break;
    case 50: //Safety Observation Error
        [w:GD61251] = 254;
        [w:GD61261] = [0-FF/2:w:#8728];
        break;
    case 51: //Safety Observation Error
        [w:GD61251] = 254;
        //Switch Comments for Warning and Error
        if([0-FF/2:w:#8728] == 10){
            [w:GD61261] = 1010;
        }else{
            [w:GD61261] = [0-FF/2:w:#8728];
        }
        break;
    default: //Reset Error Comments When Clearing History
        [w:GD61261] = 0;
}

```

Object	Word comment	Object ID *1	10111
Script user ID	10		
Data type	Signed BIN16	Trigger type	Ordinary

```

//Determine Comment Group to Display According to Error Type
//Determine Comment No. According to Error Code
switch([0-FF/2:w:#8713])
{
    case 3: //Minor Error or Major Error
        [w:GD61252] = 247;
        [w:GD61262] = [0-FF/2:w:#8716];
        break;
    case 4: //Minor Error or Major Error
        [w:GD61252] = 247;
        [w:GD61262] = [0-FF/2:w:#8716];
        break;
    case 5: //Minor Error or Major Error
        [w:GD61252] = 247;
        [w:GD61262] = [0-FF/2:w:#8716];
        break;
    case 6: //Servo Error
        [w:GD61252] = 249;
        [w:GD61262] = [0-FF/2:w:#8716];
        break;
}

```

```

case 7: //Servo Program Error
    [w:GD61252] = 248;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 8: //Real Virtual Switching Error
    [w:GD61252] = 251;
    //If Error Code Is Special, Replace with Alternative Comment No.
    switch([0-FF/2:w:#8716]){
        case -4094:
            [w:GD61262] = 4094;
            break;
        case -4095:
            [w:GD61262] = 4095;
            break;
        case -4096:
            [w:GD61262] = 4096;
            break;
        default:
            [w:GD61262] = [0-FF/2:w:#8716];
    }
    break;
case 11: //WDT Error
    [w:GD61252] = 252;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 13: //Self Diagnostic Error
    [w:GD61252] = 253;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 14: //Self Diagnostic Error
    [w:GD61252] = 253;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 20: //Motion SFC Error
    [w:GD61252] = 250;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 21: //Motion SFC Error
    [w:GD61252] = 250;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 22: //Motion SFC Error
    [w:GD61252] = 250;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 23: //Motion SFC Error
    [w:GD61252] = 250;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 50: //Safety Observation Error
    [w:GD61252] = 254;
    [w:GD61262] = [0-FF/2:w:#8716];
    break;
case 51: //Safety Observation Error
    [w:GD61252] = 254;
    //Switch Comments for Warning and Error
    if([0-FF/2:w:#8716] == 10){
        [w:GD61262] = 1010;
    }else{
        [w:GD61262] = [0-FF/2:w:#8716];
    }
    break;
default: //Reset Error Comments When Clearing History
    [w:GD61262] = 0;

```

}			
Object	Word comment	Object ID *1	10112
Script user ID	11		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8701]) { case 3: //Minor Error or Major Error [w:GD61253] = 247; [w:GD61263] = [0-FF/2:w:#8704]; break; case 4: //Minor Error or Major Error [w:GD61253] = 247; [w:GD61263] = [0-FF/2:w:#8704]; break; case 5: //Minor Error or Major Error [w:GD61253] = 247; [w:GD61263] = [0-FF/2:w:#8704]; break; case 6: //Servo Error [w:GD61253] = 249; [w:GD61263] = [0-FF/2:w:#8704]; break; case 7: //Servo Program Error [w:GD61253] = 248; [w:GD61263] = [0-FF/2:w:#8704]; break; case 8: //Real Virtual Switching Error [w:GD61253] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8704]){ case -4094: [w:GD61263] = 4094; break; case -4095: [w:GD61263] = 4095; break; case -4096: [w:GD61263] = 4096; break; default: [w:GD61263] = [0-FF/2:w:#8704]; } break; case 11: //WDT Error [w:GD61253] = 252; [w:GD61263] = [0-FF/2:w:#8704]; break; case 13: //Self Diagnostic Error [w:GD61253] = 253; [w:GD61263] = [0-FF/2:w:#8704]; break; case 14: //Self Diagnostic Error [w:GD61253] = 253; [w:GD61263] = [0-FF/2:w:#8704]; break; case 20: //Motion SFC Error [w:GD61253] = 250; [w:GD61263] = [0-FF/2:w:#8704]; break; case 21: //Motion SFC Error</pre>			

<pre> [w:GD61253] = 250; [w:GD61263] = [0-FF/2:w:#8704]; break; case 22: //Motion SFC Error [w:GD61253] = 250; [w:GD61263] = [0-FF/2:w:#8704]; break; case 23: //Motion SFC Error [w:GD61253] = 250; [w:GD61263] = [0-FF/2:w:#8704]; break; case 50: //Safety Observation Error [w:GD61253] = 254; [w:GD61263] = [0-FF/2:w:#8704]; break; case 51: //Safety Observation Error [w:GD61253] = 254; //Switch Comments for Warning and Error if([0-FF/2:w:#8704] == 10){ [w:GD61263] = 1010; }else{ [w:GD61263] = [0-FF/2:w:#8704]; } break; default: //Reset Error Comments When Clearing History [w:GD61263] = 0; } </pre>			
Object	Word comment	Object ID *1	10113
Script user ID	12		
Data type	Signed BIN16	Trigger type	Ordinary
<pre> //Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8689]) { case 3: //Minor Error or Major Error [w:GD61254] = 247; [w:GD61264] = [0-FF/2:w:#8692]; break; case 4: //Minor Error or Major Error [w:GD61254] = 247; [w:GD61264] = [0-FF/2:w:#8692]; break; case 5: //Minor Error or Major Error [w:GD61254] = 247; [w:GD61264] = [0-FF/2:w:#8692]; break; case 6: //Servo Error [w:GD61254] = 249; [w:GD61264] = [0-FF/2:w:#8692]; break; case 7: //Servo Program Error [w:GD61254] = 248; [w:GD61264] = [0-FF/2:w:#8692]; break; case 8: //Real Virtual Switching Error [w:GD61254] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8692]){ case -4094: [w:GD61264] = 4094; break; case -4095: [w:GD61264] = 4095; break; } } </pre>			

```

        case -4096:
            [w:GD61264] = 4096;
            break;
        default:
            [w:GD61264] = [0-FF/2:w:#8692];
    }
    break;
case 11: //WDT Error
    [w:GD61254] = 252;
    [w:GD61264] = [0-FF/2:w:#8692];
    break;
case 13: //Self Diagnostic Error
    [w:GD61254] = 253;
    [w:GD61264] = [0-FF/2:w:#8692];
    break;
case 14: //Self Diagnostic Error
    [w:GD61254] = 253;
    [w:GD61264] = [0-FF/2:w:#8692];
    break;
case 20: //Motion SFC Error
    [w:GD61254] = 250;
    [w:GD61264] = [0-FF/2:w:#8692];
    break;
case 21: //Motion SFC Error
    [w:GD61254] = 250;
    [w:GD61264] = [0-FF/2:w:#8692];
    break;
case 22: //Motion SFC Error
    [w:GD61254] = 250;
    [w:GD61264] = [0-FF/2:w:#8692];
    break;
case 23: //Motion SFC Error
    [w:GD61254] = 250;
    [w:GD61264] = [0-FF/2:w:#8692];
    break;
case 50: //Safety Observation Error
    [w:GD61254] = 254;
    [w:GD61264] = [0-FF/2:w:#8692];
    break;
case 51: //Safety Observation Error
    [w:GD61254] = 254;
    //Switch Comments for Warning and Error
    if([0-FF/2:w:#8692] == 10){
        [w:GD61264] = 1010;
    }else{
        [w:GD61264] = [0-FF/2:w:#8692];
    }
    break;
default: //Reset Error Comments When Clearing History
    [w:GD61264] = 0;
}

```

Object	Word comment	Object ID *1	10114
Script user ID	13		
Data type	Signed BIN16	Trigger type	Ordinary

```

//Determine Comment Group to Display According to Error Type
//Determine Comment No. According to Error Code
switch([0-FF/2:w:#8677])
{
    case 3: //Minor Error or Major Error
        [w:GD61255] = 247;
        [w:GD61265] = [0-FF/2:w:#8680];
        break;
    case 4: //Minor Error or Major Error
        [w:GD61255] = 247;

```

```

[w:GD61265] = [0-FF/2:w:#8680];
break;
case 5: //Minor Error or Major Error
[w:GD61255] = 247;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 6: //Servo Error
[w:GD61255] = 249;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 7: //Servo Program Error
[w:GD61255] = 248;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 8: //Real Virtual Switching Error
[w:GD61255] = 251;
//If Error Code Is Special, Replace with Alternative Comment No.
switch([0-FF/2:w:#8680]){
case -4094:
[w:GD61265] = 4094;
break;
case -4095:
[w:GD61265] = 4095;
break;
case -4096:
[w:GD61265] = 4096;
break;
default:
[w:GD61265] = [0-FF/2:w:#8680];
}
break;
case 11: //WDT Error
[w:GD61255] = 252;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 13: //Self Diagnostic Error
[w:GD61255] = 253;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 14: //Self Diagnostic Error
[w:GD61255] = 253;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 20: //Motion SFC Error
[w:GD61255] = 250;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 21: //Motion SFC Error
[w:GD61255] = 250;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 22: //Motion SFC Error
[w:GD61255] = 250;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 23: //Motion SFC Error
[w:GD61255] = 250;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 50: //Safety Observation Error
[w:GD61255] = 254;
[w:GD61265] = [0-FF/2:w:#8680];
break;
case 51: //Safety Observation Error

```

```

[w:GD61255] = 254;
//Switch Comments for Warning and Error
if([0-FF/2:w:#8680] == 10){
    [w:GD61265] = 1010;
}else{
    [w:GD61265] = [0-FF/2:w:#8680];
}
break;
default://Reset Error Comments When Clearing History
[w:GD61265] = 0;
}

```

Object	Word comment	Object ID *1	10115
Script user ID	14		
Data type	Signed BIN16	Trigger type	Ordinary

```

//Determine Comment Group to Display According to Error Type
//Determine Comment No. According to Error Code
switch([0-FF/2:w:#8665])
{
    case 3: //Minor Error or Major Error
        [w:GD61256] = 247;
        [w:GD61266] = [0-FF/2:w:#8668];
        break;
    case 4: //Minor Error or Major Error
        [w:GD61256] = 247;
        [w:GD61266] = [0-FF/2:w:#8668];
        break;
    case 5: //Minor Error or Major Error
        [w:GD61256] = 247;
        [w:GD61266] = [0-FF/2:w:#8668];
        break;
    case 6: //Servo Error
        [w:GD61256] = 249;
        [w:GD61266] = [0-FF/2:w:#8668];
        break;
    case 7: //Servo Program Error
        [w:GD61256] = 248;
        [w:GD61266] = [0-FF/2:w:#8668];
        break;
    case 8: //Real Virtual Switching Error
        [w:GD61256] = 251;
        //If Error Code Is Special, Replace with Alternative Comment No.
        switch([0-FF/2:w:#8668]){
            case -4094:
                [w:GD61266] = 4094;
                break;
            case -4095:
                [w:GD61266] = 4095;
                break;
            case -4096:
                [w:GD61266] = 4096;
                break;
            default:
                [w:GD61266] = [0-FF/2:w:#8668];
        }
        break;
    case 11: //WDT Error
        [w:GD61256] = 252;
        [w:GD61266] = [0-FF/2:w:#8668];
        break;
    case 13: //Self Diagnostic Error
        [w:GD61256] = 253;
        [w:GD61266] = [0-FF/2:w:#8668];
        break;
    case 14: //Self Diagnostic Error

```

```

[w:GD61256] = 253;
[w:GD61266] = [0-FF/2:w:#8668];
break;
case 20: //Motion SFC Error
[w:GD61256] = 250;
[w:GD61266] = [0-FF/2:w:#8668];
break;
case 21: //Motion SFC Error
[w:GD61256] = 250;
[w:GD61266] = [0-FF/2:w:#8668];
break;
case 22: //Motion SFC Error
[w:GD61256] = 250;
[w:GD61266] = [0-FF/2:w:#8668];
break;
case 23: //Motion SFC Error
[w:GD61256] = 250;
[w:GD61266] = [0-FF/2:w:#8668];
break;
case 50: //Safety Observation Error
[w:GD61256] = 254;
[w:GD61266] = [0-FF/2:w:#8668];
break;
case 51: //Safety Observation Error
[w:GD61256] = 254;
//Switch Comments for Warning and Error
if([0-FF/2:w:#8668] == 10){
[w:GD61266] = 1010;
}else{
[w:GD61266] = [0-FF/2:w:#8668];
}
break;
default: //Reset Error Comments When Clearing History
[w:GD61266] = 0;
}

```

Object	Word comment	Object ID *1	10116
Script user ID	15		
Data type	Signed BIN16	Trigger type	Ordinary

```

//Determine Comment Group to Display According to Error Type
//Determine Comment No. According to Error Code
switch([0-FF/2:w:#8653])
{
case 3: //Minor Error or Major Error
[w:GD61257] = 247;
[w:GD61267] = [0-FF/2:w:#8656];
break;
case 4: //Minor Error or Major Error
[w:GD61257] = 247;
[w:GD61267] = [0-FF/2:w:#8656];
break;
case 5: //Minor Error or Major Error
[w:GD61257] = 247;
[w:GD61267] = [0-FF/2:w:#8656];
break;
case 6: //Servo Error
[w:GD61257] = 249;
[w:GD61267] = [0-FF/2:w:#8656];
break;
case 7: //Servo Program Error
[w:GD61257] = 248;
[w:GD61267] = [0-FF/2:w:#8656];
break;
case 8: //Real Virtual Switching Error
[w:GD61257] = 251;

```



```

//If Error Code Is Special, Replace with Alternative Comment No.
switch([0-FF/2:w:#8656]){
    case -4094:
        [w:GD61267] = 4094;
        break;
    case -4095:
        [w:GD61267] = 4095;
        break;
    case -4096:
        [w:GD61267] = 4096;
        break;
    default:
        [w:GD61267] = [0-FF/2:w:#8656];
    }
    break;
case 11: //WDT Error
    [w:GD61257] = 252;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 13: //Self Diagnostic Error
    [w:GD61257] = 253;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 14: //Self Diagnostic Error
    [w:GD61257] = 253;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 20: //Motion SFC Error
    [w:GD61257] = 250;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 21: //Motion SFC Error
    [w:GD61257] = 250;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 22: //Motion SFC Error
    [w:GD61257] = 250;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 23: //Motion SFC Error
    [w:GD61257] = 250;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 50: //Safety Observation Error
    [w:GD61257] = 254;
    [w:GD61267] = [0-FF/2:w:#8656];
    break;
case 51: //Safety Observation Error
    [w:GD61257] = 254;
    //Switch Comments for Warning and Error
    if([0-FF/2:w:#8656] == 10){
        [w:GD61267] = 1010;
    }else{
        [w:GD61267] = [0-FF/2:w:#8656];
    }
    break;
default: //Reset Error Comments When Clearing History
    [w:GD61267] = 0;
}

```

Object	Word comment	Object ID *1	10117
Script user ID	16		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//Determine Comment Group to Display According to Error Type //Determine Comment No. According to Error Code switch([0-FF/2:w:#8641]) { case 3: //Minor Error or Major Error [w:GD61258] = 247; [w:GD61268] = [0-FF/2:w:#8644]; break; case 4: //Minor Error or Major Error [w:GD61258] = 247; [w:GD61268] = [0-FF/2:w:#8644]; break; case 5: //Minor Error or Major Error [w:GD61258] = 247; [w:GD61268] = [0-FF/2:w:#8644]; break; case 6: //Servo Error [w:GD61258] = 249; [w:GD61268] = [0-FF/2:w:#8644]; break; case 7: //Servo Program Error [w:GD61258] = 248; [w:GD61268] = [0-FF/2:w:#8644]; break; case 8: //Real Virtual Switching Error [w:GD61258] = 251; //If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:#8644]){ case -4094: [w:GD61268] = 4094; break; case -4095: [w:GD61268] = 4095; break; case -4096: [w:GD61268] = 4096; break; default: [w:GD61268] = [0-FF/2:w:#8644]; } break; case 11: //WDT Error [w:GD61258] = 252; [w:GD61268] = [0-FF/2:w:#8644]; break; case 13: //Self Diagnostic Error [w:GD61258] = 253; [w:GD61268] = [0-FF/2:w:#8644]; break; case 14: //Self Diagnostic Error [w:GD61258] = 253; [w:GD61268] = [0-FF/2:w:#8644]; break; case 20: //Motion SFC Error [w:GD61258] = 250; [w:GD61268] = [0-FF/2:w:#8644]; break; case 21: //Motion SFC Error [w:GD61258] = 250; [w:GD61268] = [0-FF/2:w:#8644]; break; }</pre>			

```

case 22: //Motion SFC Error
    [w:GD61258] = 250;
    [w:GD61268] = [0-FF/2:w:#8644];
    break;
case 23: //Motion SFC Error
    [w:GD61258] = 250;
    [w:GD61268] = [0-FF/2:w:#8644];
    break;
case 50: //Safety Observation Error
    [w:GD61258] = 254;
    [w:GD61268] = [0-FF/2:w:#8644];
    break;
case 51: //Safety Observation Error
    [w:GD61258] = 254;
    //Switch Comments for Warning and Error
    if([0-FF/2:w:#8644] == 10){
        [w:GD61268] = 1010;
    }else{
        [w:GD61268] = [0-FF/2:w:#8644];
    }
    break;
default: //Reset Error Comments When Clearing History
    [w:GD61268] = 0;
}

```

Base screen 30091

Object	Numerical display	Object ID *1	10000
Script user ID	1		
Data type	Signed BIN16	Trigger type	ON, GD61403.b0
//Axis No. Specification Switch Pressed if([b:GD61502.b0] == ON){ [w:GD61401] = [w:GD61501]; //Store Axis No. [w:GD61402] = 20 * ([w:GD61401] - 1); //Offset for the Number of Axis No. [w:GD61404] = 1001 + ([w:GD61401] - 1); //Change Title According to Axis } 			
Object	Word comment	Object ID *1	10097
Script user ID	2		
Data type	Signed BIN16	Trigger type	Ordinary
//If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:SD504]){ case -4094: [w:GD61405] = 4094; break; case -4095: [w:GD61405] = 4095; break; case -4096: [w:GD61405] = 4096; break; default: [w:GD61405] = [0-FF/2:w:SD504]; } 			

Base screen 30093

Object	Numerical display	Object ID *1	10059
Script user ID	1		
Data type	Signed BIN16	Trigger type	ON, GD61453.b0
//Axis No. Specification Switch Pressed if([b:GD61502.b0] == ON){ [w:GD61451] = [w:GD61501]; //Store Axis No. [w:GD61452] = 20 * ([w:GD61451] - 1); //Offset for the Number of Axis No. } 			
Object	Numerical display	Object ID *1	10060

Script user ID	2		
Data type	Signed BIN16	Trigger type	ON, GD61456.b0
<pre>//Axis No. Specification Switch Pressed if([b:GD61502.b0] == ON){ [w:GD61454] = [w:GD61501]; //Store Axis No. [w:GD61455] = 10 * ([w:GD61454] - 1); //Offset for the Number of Axis No. }</pre>			
Object	Numerical display	Object ID *1	10061
Script user ID	3		
Data type	Signed BIN16	Trigger type	While ON, GD61459.b0
<pre>//Axis No. Specification Switch Pressed if([b:GD61502.b0] == ON){ [w:GD61457] = [w:GD61501]; //Store Axis No. [w:GD61458] = 10 * ([w:GD61457] - 1); //Offset for the Number of Axis No. }</pre>			
Object	Numerical display	Object ID *1	10022
Script user ID	4		
Data type	Signed BIN16	Trigger type	Ordinary
<pre>//If Error Code Is Special, Replace with Alternative Comment No. switch([0-FF/2:w:SD504]){ case -4094: [w:GD61460] = 4094; break; case -4095: [w:GD61460] = 4095; break; case -4096: [w:GD61460] = 4096; break; default: [w:GD61460] = [0-FF/2:w:SD504]; }</pre>			

Base screen 30500

Object	Switch	Object ID *1	20032
Script user ID	1		
Data type	Unsigned BIN16	Trigger type	Device Writing
<pre>//Prevents exceeding the total number of the document pages. if([u16:GD60081] >= [u16:GD60082]){ [u16:GD60081] = [u16:GD60082] - 1; }</pre>			

Window screen 30003

Object	Numerical display	Object ID *1	10017
Script user ID	1		
Data type	Unsigned BIN16	Trigger type	Rise, GB40
<pre>//Obtain Today's Year & Month from Clock Data [w:TMP950] = [w:GS650] & 0xF000; //Obtain Tenths Digit of "Last 2-Digits of Year" from Clock Data for Setting [w:TMP960] = [w:TMP950] >> 12; //Decimal Alignment [w:TMP968] = [w:TMP960] * 10; //BCD->BIN [w:TMP951] = [w:GS650] & 0x0F00; //Obtain Ones Digit of "Last 2-Digits of Year" from Clock Data for Setting [w:TMP961] = [w:TMP951] >> 8; //BCD->BIN [w:TMP973] = 2000 + [w:TMP968] + [w:TMP961]; //Set Year to TMP973 as BIN [w:GD63990] = [w:TMP973]; //Set Year [w:TMP952] = [w:GS650] & 0x00F0; //Obtain Tenths Digit of Month from Clock Data for Setting [w:TMP962] = [w:TMP952] >> 4; //Decimal Alignment [w:TMP969] = [w:TMP962] * 10; //BCD->BIN [w:TMP953] = [w:GS650] & 0x000F; //Obtain Ones Digit of Month from Clock Data for Setting [w:TMP974] = [w:TMP969] + [w:TMP953]; //Set Month to TMP974 as BIN [w:GD63991] = [w:TMP974]; //Set Month</pre>			

```
[w:TMP954] = [w:GS651] & 0xF000; //Obtain Tenths Digit of "Last 2-Digits of Day" from Clock Data for Setting
[w:TMP963] = [w:TMP954] >> 12; //Decimal Alignment
[w:TMP970] = [w:TMP963] * 10; //BCD->BIN
[w:TMP955] = [w:GS651] & 0x0F00; //Obtain Ones Digit of "Last 2-Digits of Day" from Clock Data for Setting
[w:TMP964] = [w:TMP955] >> 8; //BCD->BIN
[w:TMP975] = [w:TMP970] + [w:TMP964]; //Set Day to TMP975 as BIN
[w:GD63992] = [w:TMP975]; //Set Day
```

```
[w:TMP956] = [w:GS651] & 0x00F0; //Obtain Tenths Digit of Hour from Clock Data for Setting
[w:TMP965] = [w:TMP956] >> 4; //Decimal Alignment
[w:TMP971] = [w:TMP965] * 10; //BCD->BIN
[w:TMP957] = [w:GS651] & 0x000F; //Obtain Ones Digit of Hour from Clock Data for Setting
[w:TMP976] = [w:TMP971] + [w:TMP957]; //Set Hour to TMP976 as BIN
[w:GD63993] = [w:TMP976]; //Set Hour
```

```
[w:TMP958] = [w:GS652] & 0xF000; //Obtain Tenths Digit of "Last 2-Digits of Minute" from Clock Data for Setting
[w:TMP966] = [w:TMP958] >> 12; //Decimal Alignment
[w:TMP972] = [w:TMP966] * 10; //BCD->BIN
[w:TMP959] = [w:GS652] & 0x0F00; //Obtain Ones Digit of "Last 2-Digits of Minute" from Clock Data for Setting
[w:TMP967] = [w:TMP959] >> 8; //BCD->BIN
[w:TMP977] = [w:TMP972] + [w:TMP967]; //Set Minute to TMP977 as BIN
[w:GD63994] = [w:TMP977]; //Set Minute
```

```
[w:TMP993] = [w:GS652] & 0x00F0; //Obtain Tenths Digit of Second from Clock Data for Setting
[w:TMP995] = [w:TMP993] >> 4; //Decimal Alignment
[w:TMP996] = [w:TMP995] * 10; //BCD->BIN
[w:TMP994] = [w:GS652] & 0x000F; //Obtain Ones Digit of Second from Clock Data for Setting
[w:TMP978] = [w:TMP996] + [w:TMP994]; //Set Second to TMP978 as BIN
[w:GD63995] = [w:TMP978]; //Set Second
```

Object	Numerical display	Object ID *1	10018
Script user ID	2		
Data type	Unsigned BIN16	Trigger type	Ordinary

//BIN -> BCD Conversion

```
[w:TMP979] = [w:GD63990] - 2000; //Last 2-Digits of Year
```

```
[w:TMP980] = (([w:TMP979] / 10) << 4) + ([w:TMP979] % 10); //Year BIN -> BCD
[w:TMP981] = (([w:GD63991] / 10) << 4) + ([w:GD63991] % 10); //Month BIN -> BCD
[w:TMP982] = (([w:GD63992] / 10) << 4) + ([w:GD63992] % 10); //Day BIN -> BCD
[w:TMP983] = (([w:GD63993] / 10) << 4) + ([w:GD63993] % 10); //Hour BIN -> BCD
[w:TMP984] = (([w:GD63994] / 10) << 4) + ([w:GD63994] % 10); //Minute BIN -> BCD
[w:TMP985] = (([w:GD63995] / 10) << 4) + ([w:GD63995] % 10); //Second BIN -> BCD
```

Object	Numerical display	Object ID *1	10019
Script user ID	3		
Data type	Unsigned BIN16	Trigger type	Ordinary

//Year & Month Setting

```
[w:GS513] = ([w:TMP980] << 8) + [w:TMP981]; //Set Year & Month to Change Time Device
```

Object	Numerical display	Object ID *1	10020
Script user ID	4		
Data type	Unsigned BIN16	Trigger type	Ordinary

//Date & Time Setting

```
[w:GS514] = ([w:TMP982] << 8) + [w:TMP983]; //Set Date & Time to Change Time Device
```

Object	Numerical display	Object ID *1	10021
Script user ID	5		
Data type	Unsigned BIN16	Trigger type	Ordinary

//Minute & Second Setting

```
[w:GS515] = ([w:TMP984] << 8) + [w:TMP985]; //Set Minute & Second to Change Time Device
```

Object	Numerical display	Object ID *1	10022
Script user ID	6		
Data type	Unsigned BIN16	Trigger type	Ordinary
<pre>//Day of Week Setting [w:TMP986] = [w:GD63990]; //Year (BIN) [w:TMP987] = [w:GD63991]; //Month (BIN) [w:TMP988] = [w:GD63992]; //Day (BIN) if(([w:TMP987] == 1) ([w:TMP987] == 2)){ //Correction Processing to Calculate January and February as 13th/14th Month [w:TMP986] = [w:TMP986] - 1; //Subtract 1 from Year [w:TMP987] = [w:TMP987] + 12; //Add 12 to Month } [w:TMP989] = [w:TMP986]/4; //Create Items Required for Zeller's Congruence [w:TMP990] = [w:TMP986]/100; //Create Items Required for Zeller's Congruence [w:TMP991] = [w:TMP986]/400; //Create Items Required for Zeller's Congruence [w:TMP992] = (13*[w:TMP987]+8)/5; //Create Items Required for Zeller's Congruence //Calculate Day of Week Using Zeller's Congruence and Set the Day to Change Time Device [w:GS516] = ([w:TMP986]+[w:TMP989]-[w:TMP990]+[w:TMP991]+[w:TMP992]+[w:TMP988])%7;</pre>			

*1 The Object ID might be changed when a screen is utilized.

6. MANUAL DISPLAY

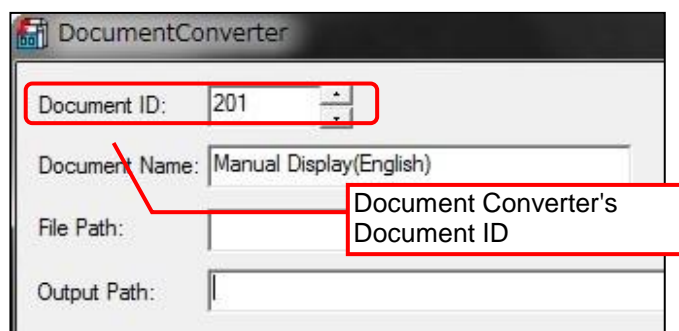
Manuals can be displayed using the document display function. For more details about the document display function, please refer to the "GT Designer3 (GOT2000) Help". Please note that the document display function does not support language switching. Therefore, in the sample screens, the language of document is switched by switching the document (Document ID) specified for a display language.

6.1 Preparing Document Data for Manual Display

Example Displaying a English manual (document) for Manual Display on the base screen B-30500

(1) Convert the manual (Word or Excel, etc.) to be displayed into the document data (JPEG file) that can be used with the document display function by using Document Converter. Set the Document Converter's [Document ID] to 201.

*For details of the relation between Document ID and Display language, please refer to the table below.

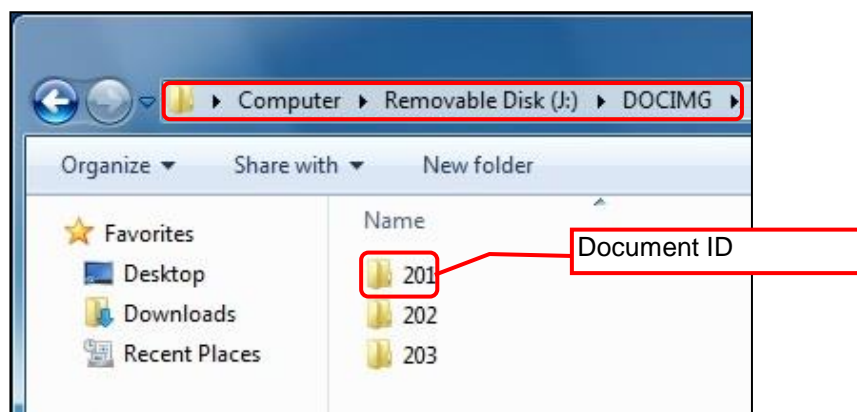


Column No. of the comment group No	Language	Document ID
1	English	201
2	Japanese	202
3	Chinese (Simplified)	203

*Please use Document Converter 2.09k or later.

The total number pages and pages switches cannot work properly with 2.08 or older versions.

(2) The document data is generated in the 201 folder in the DOCIMG. Save the entire DOCIMG folder into the SD card root directory without changing the folder configuration inside the DOCIMG folder.



SD card folder configuration

Note: In case the total number of pages is 100 or more.

This sample is made with the assumption that the total number of pages is up to 99 pages. If it exceeds 99 pages, please modify the format of numerical input (the number of "#") that displays the total number of pages and the page number of the currently displayed page.