

Standard Screen
Numerical Data Display

Sample Screen Manual

Mitsubishi Electric Corporation

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REVISIONS

Sample Screen Manual

Date	Control No.*	Description
2014/8	BCN-P5999-0319	First edition

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

Project Data

Date	Project data	GT Designer3*	Description
2014/8	Numerical-Data_V_Ver1_E.GTX	1.117X	First edition

* 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 PLC (Q06UDEHCPU) via Ethernet, which can be used to display numerical data.

1.1 Reusing Standard Screen Samples

Standard screen samples include multiple patterns of screens that can be used by the customers depending on the intended use. Screens should be reused for the customers screen data by using [Utilize Data (Screen)]. For more details about [Utilize Data (Screen)], please refer to the "GT Designer3 (GOT2000) Help".

2. SYSTEM CONFIGURATION



*1: 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)
			Alphanumeric/Kana
	Outline Font	Gothic	Japanese (Kanji)
			Chinese (Simplified)

3.2 Controller Setting of Screen Design Software

Detail Setting

Item	Set value	Remarks
GOT NET No.	1	
GOT Station	2	
GOT Standard 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 Standard Ethernet Setting

Item	Set value	Remarks
Reflect GOT Standard 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

4. SCREEN SPECIFICATIONS

4.1 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.401 to No.404 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)

4.2 Screen List/Transition

Numerical Data Display											
D0	123456	D10	123456	D20	123456	D30	123456	D40	123456		
D1	123456	D11	123456	D21	123456	D31	123456	D41	123456		
D2	123456	D12	123456	D22	123456	D32	123456	D42	123456		
D3	123456	D13	123456	D23	123456	D33	123456	D43	123456		
D4	123456	D14	123456	D24	123456	D34	123456	D44	123456		
D5	123456	D15	123456	D25	123456	D35	123456	D45	123456		
D6	123456	D16	123456	D26	123456	D36	123456	D46	123456		
D7	123456	D17	123456	D27	123456	D37	123456	D47	123456		
D8	123456	D18	123456	D28	123456	D38	123456	D48	123456		
D9	123456	D19	123456	D29	123456	D39	123456	D49	123456		

Base screen B-30001: Numerical Data Display 1

Numerical Data Display											
D0	D0 Comment	123456	D10	D10 Comment	123456						
D1	D1 Comment	123456	D11	D11 Comment	123456						
D2	D2 Comment	123456	D12	D12 Comment	123456						
D3	D3 Comment	123456	D13	D13 Comment	123456						
D4	D4 Comment	123456	D14	D14 Comment	123456						
D5	D5 Comment	123456	D15	D15 Comment	123456						
D6	D6 Comment	123456	D16	D16 Comment	123456						
D7	D7 Comment	123456	D17	D17 Comment	123456						
D8	D8 Comment	123456	D18	D18 Comment	123456						
D9	D9 Comment	123456	D19	D19 Comment	123456						

Base screen B-30003: Numerical Data Display 3

Numerical Data Display											
W0000	123456	W0008	123456	W0010	123456	W0018	123456	W0020	123456		
W0001	123456	W0009	123456	W0011	123456	W0019	123456	W0021	123456		
W0002	123456	W000A	123456	W0012	123456	W001A	123456	W0022	123456		
W0003	123456	W000B	123456	W0013	123456	W001B	123456	W0023	123456		
W0004	123456	W000C	123456	W0014	123456	W001C	123456	W0024	123456		
W0005	123456	W000D	123456	W0015	123456	W001D	123456	W0025	123456		
W0006	123456	W000E	123456	W0016	123456	W001E	123456	W0026	123456		
W0007	123456	W000F	123456	W0017	123456	W001F	123456	W0027	123456		

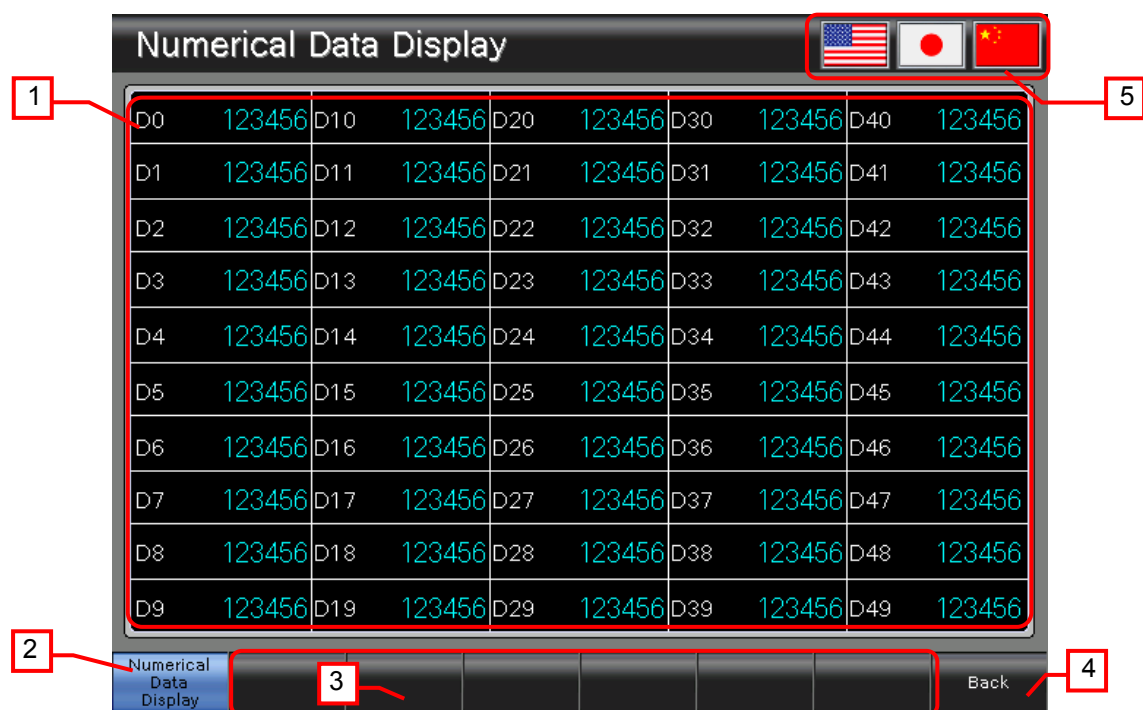
Base screen B-30002: Numerical Data Display 2

Numerical Data Display											
W0000	W0000 Comment	123456	W0008	W0008 Comment	123456						
W0001	W0001 Comment	123456	W0009	W0009 Comment	123456						
W0002	W0002 Comment	123456	W000A	W000A Comment	123456						
W0003	W0003 Comment	123456	W000B	W000B Comment	123456						
W0004	W0004 Comment	123456	W000C	W000C Comment	123456						
W0005	W0005 Comment	123456	W000D	W000D Comment	123456						
W0006	W0006 Comment	123456	W000E	W000E Comment	123456						
W0007	W0007 Comment	123456	W000F	W000F Comment	123456						

Base screen B-30004: Numerical Data Display 4

4.3 Explanation of Screens

4.3.1 Numerical Data Display 1(B-30001)



Outline

This screen displays the numerical data of decimal devices.

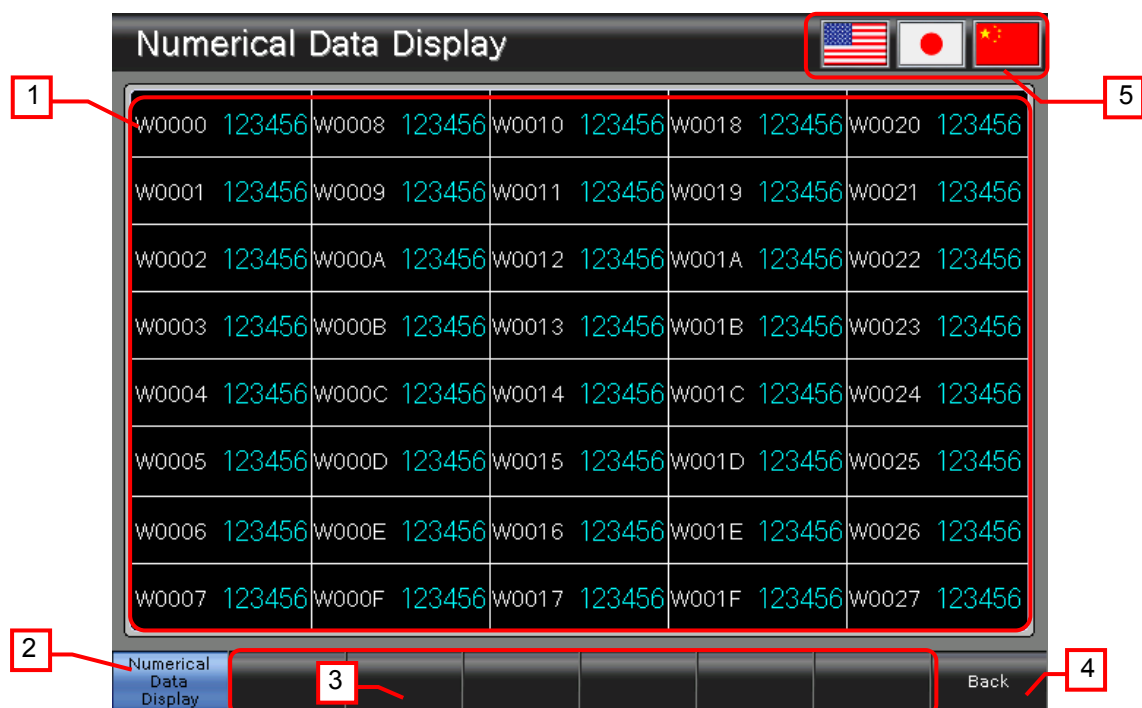
Description

1. Displays the numerical data of decimal devices.
2. The switch indicates the currently displayed screen, thus selecting this switch will not switch screens.
3. Shows unused switches for base screen switching.
4. Switches to the previously opened screen.
5. Switches languages.

Remarks

- To the switches marked with No.5, settings are made to switch system languages in conjunction with the change of the display language.

4.3.2 Numerical Data Display 2(B-30002)



Outline

This screen displays the numerical data of hexadecimal devices.

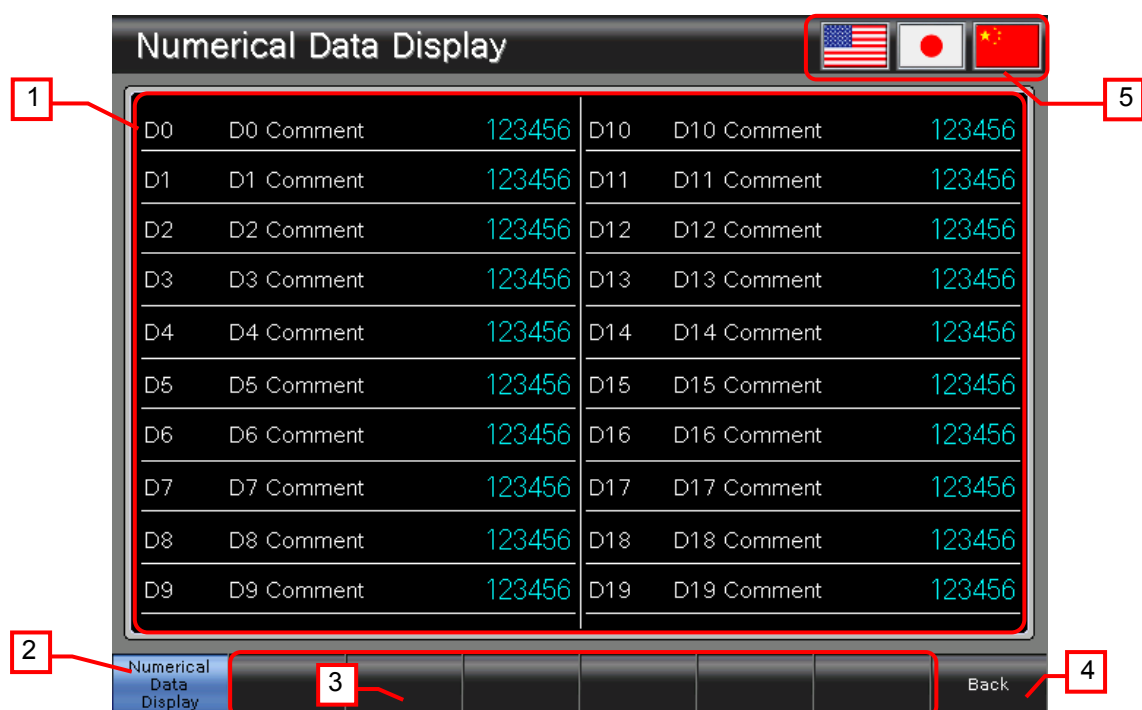
Description

1. Displays the numerical data of hexadecimal devices.
2. The switch indicates the currently displayed screen, thus selecting this switch will not switch screens.
3. Shows unused switches for base screen switching.
4. Switches to the previously opened screen.
5. Switches languages.

Remarks

- To the switches marked with No.5, settings are made to switch system languages in conjunction with the change of the display language.

4.3.3 Numerical Data Display 3(B-30003)



Outline

This screen displays the numerical data of decimal devices.

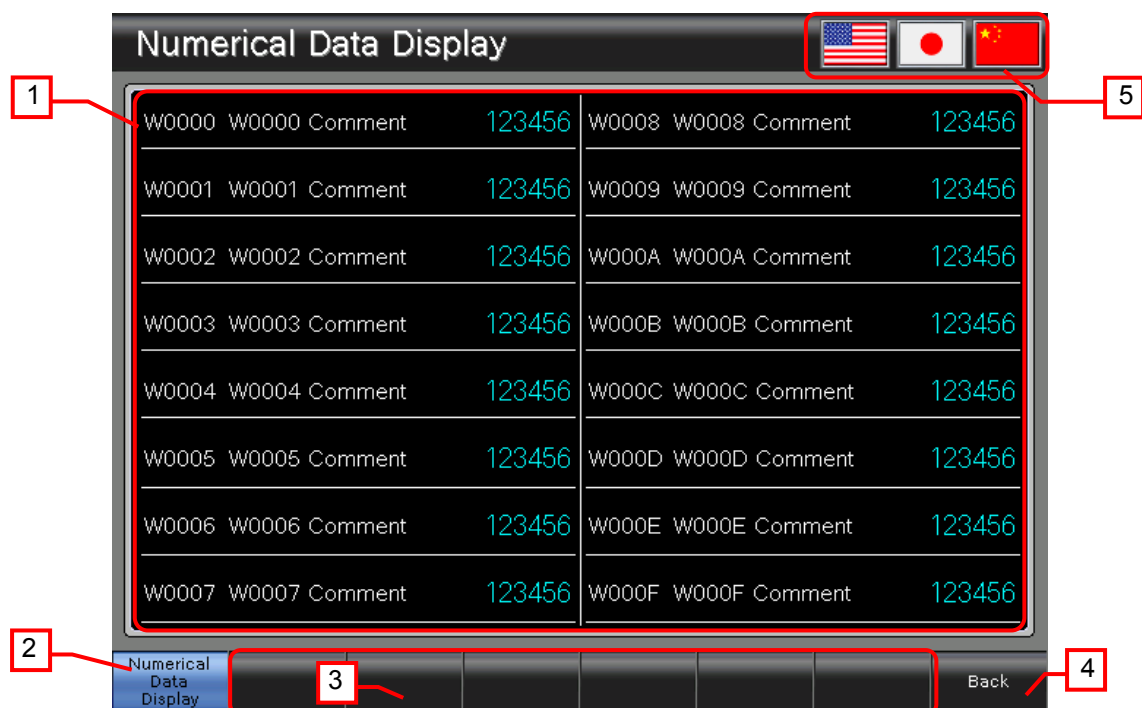
Description

1. Displays the numerical data of decimal devices.
2. The switch indicates the currently displayed screen, thus selecting this switch will not switch screens.
3. Shows unused switches for base screen switching.
4. Switches to the previously opened screen.
5. Switches languages.

Remarks

- To the switches marked with No.5, settings are made to switch system languages in conjunction with the change of the display language.

4.3.4 Numerical Data Display 4(B-30004)



Outline

This screen displays the numerical data of hexadecimal devices.

Description

1. Displays the numerical data of hexadecimal devices.
2. The switch indicates the currently displayed screen, thus selecting this switch will not switch screens.
3. Shows unused switches for base screen switching.
4. Switches to the previously opened screen.
5. Switches languages.

Remarks

- To the switches marked with No.5, settings are made to switch system languages in conjunction with the change of the display language.

4.4 Device List

Some of the devices specified to the on-screen switches and lamps, etc., 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".

4.4.1 Devices of the controller

Type	Device No.	Application
Bit	Not used	
Word	D0 to D49	Numerical Data Display For Monitoring
	W0 to W27	Numerical Data Display For Monitoring

4.4.2 GOT internal devices

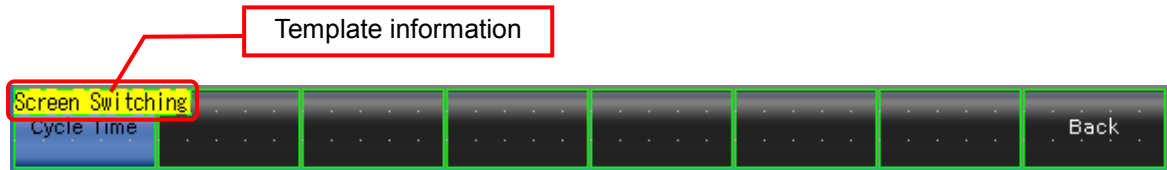
Type	Device No.	Application
Bit	Not used	
Word	GD60000	Base Screen Switching
	GD60021	Language Switching
	GD60022	System Language Switching

4.5 Comment List

Comment group No.	Where comments are used
401	B-30001
402	B-30002
403	B-30003
404	B-30004

5. TEMPLATES

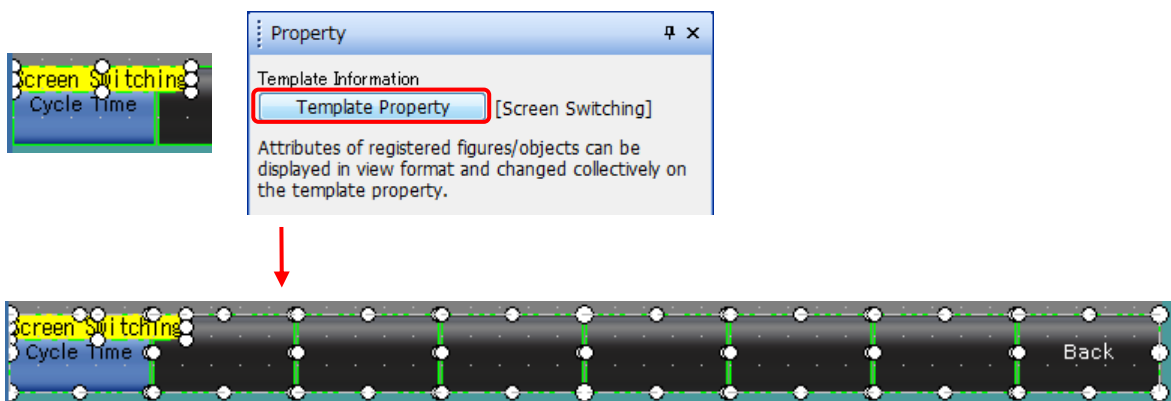
Templates are a group of figures and objects. Related settings are grouped into template attributes and registered, so the devices and colors, etc. can be easily changed in a batch. For more details about changing the attribute settings, please refer to the "GT Designer3 (GOT2000) Help".



The template information is only displayed on the screen design software's editing screen. It is not displayed on the GOT display screen.

Example: Changing the color of switches (Each Screen)

(1) Select [Template Information], and click on [Template Property] (or double-click [Template Information]).



The figures and objects that are registered in the template are changed to the selected state.

(2) Double-click on [Setting Value] of [Switch(Each Screen)_Shape Color], and select the new color.

