

Standard Screen
Operation Ready Signal Display

Sample Screen Manual

Mitsubishi Electric Corporation

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REVISIONS

Sample Screen Manual

| Date | Control No.* | Description |
|--------|----------------|---------------|
| 2014/8 | BCN-P5999-0325 | First edition |
| | | |
| | | |
| | | |
| | | |
| | | |

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

Project Data

| Date | Project data | GT Designer3* | Description |
|--------|-------------------------------------|---------------|---------------|
| 2014/8 | Operation-Ready-Signal_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 the status of the operation ready signal for equipment.

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.421 to No.423 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



Base screen B-30001: Operation Ready Signal Display 1



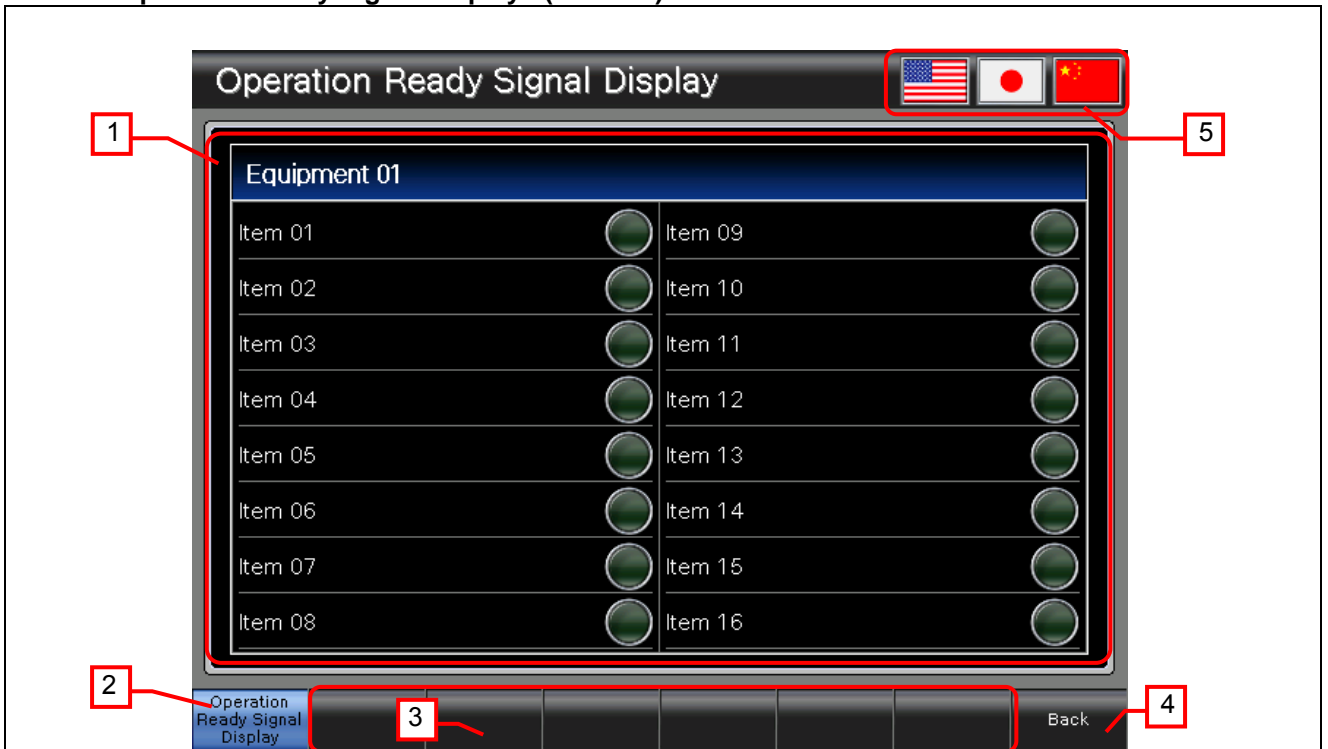
Base screen B-30003: Operation Ready Signal Display 3



Base screen B-30002: Operation Ready Signal Display 2

4.3 Explanation of Screens

4.3.1 Operation Ready Signal Display 1(B-30001)



Outline

This screen displays the status of the operation ready signal for equipment.

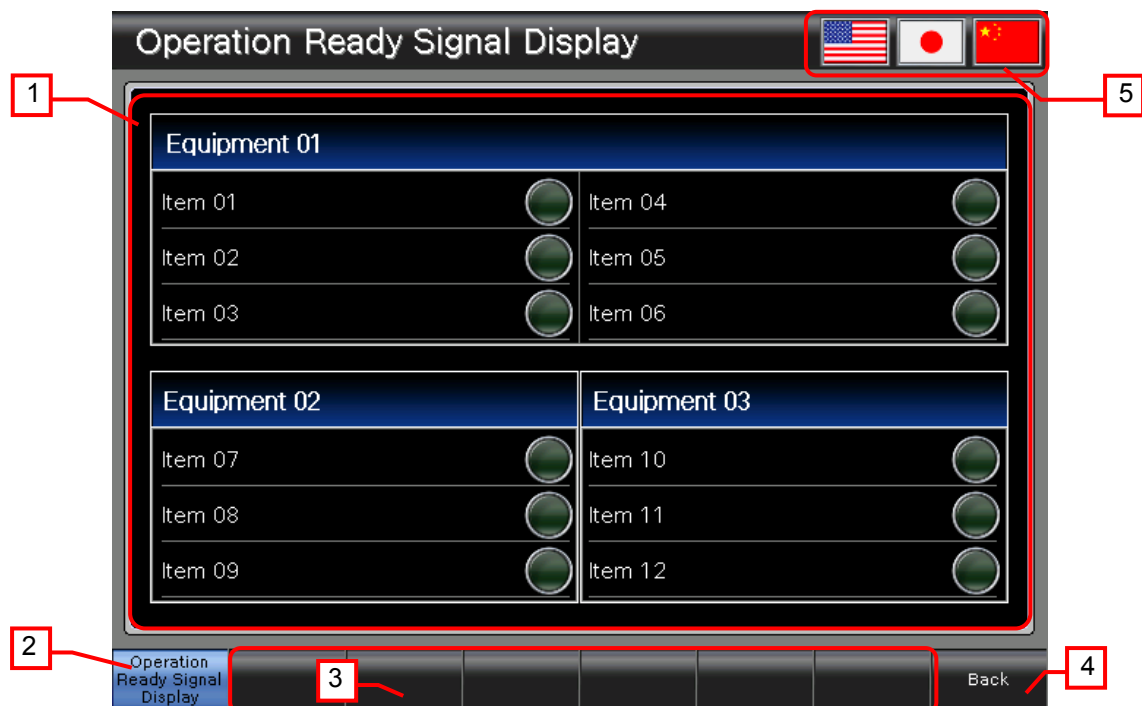
Description

1. Displays the status of the operation ready signal. The lamp turns on when its operation ready is complete.
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 Operation Ready Signal Display 2(B-30002)



Outline

This screen displays the status of the operation ready signal for equipment.

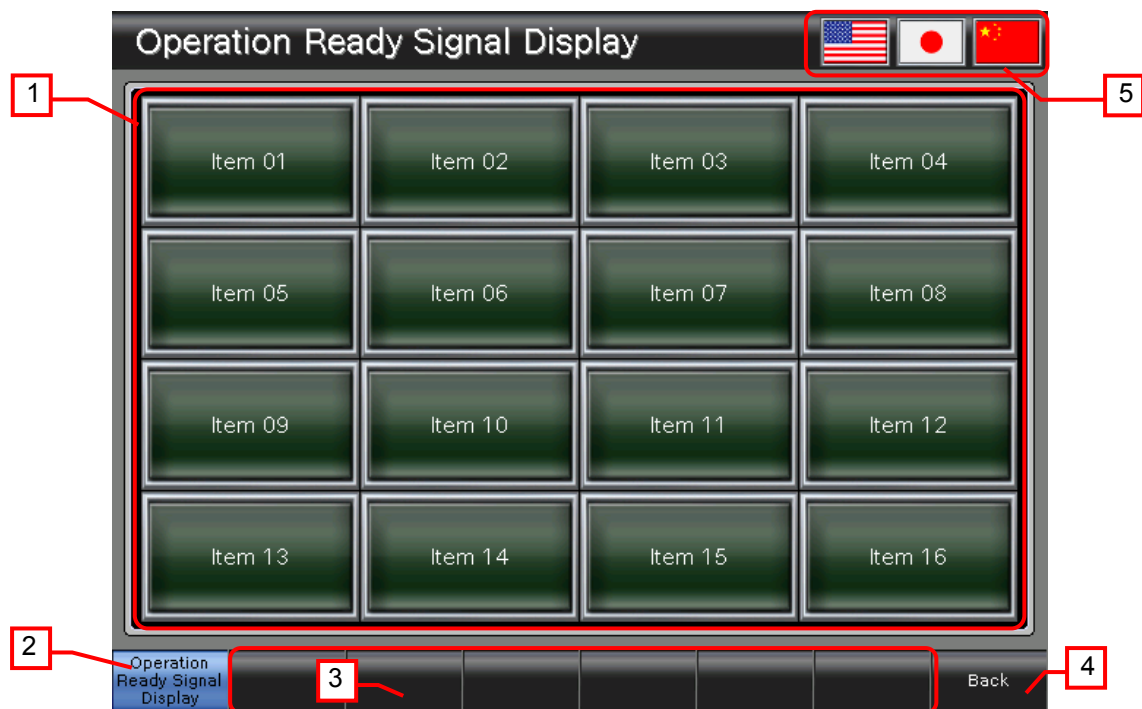
Description

1. Displays the status of the operation ready signal. The lamp turns on when its operation ready is complete.
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 Operation Ready Signal Display 3(B-30003)



Outline

This screen displays the status of the operation ready signal for equipment.

Description

1. Displays the status of the operation ready signal. The lamp turns on when its operation ready is complete.
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 | M0 to M15,M20 to M22 | For Operation Ready Signal Display |
| Word | Not used | |

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 |
|-------------------|-------------------------|
| 421 | B-30001 |
| 422 | B-30002 |
| 423 | B-30003 |

5. TEMPLATES

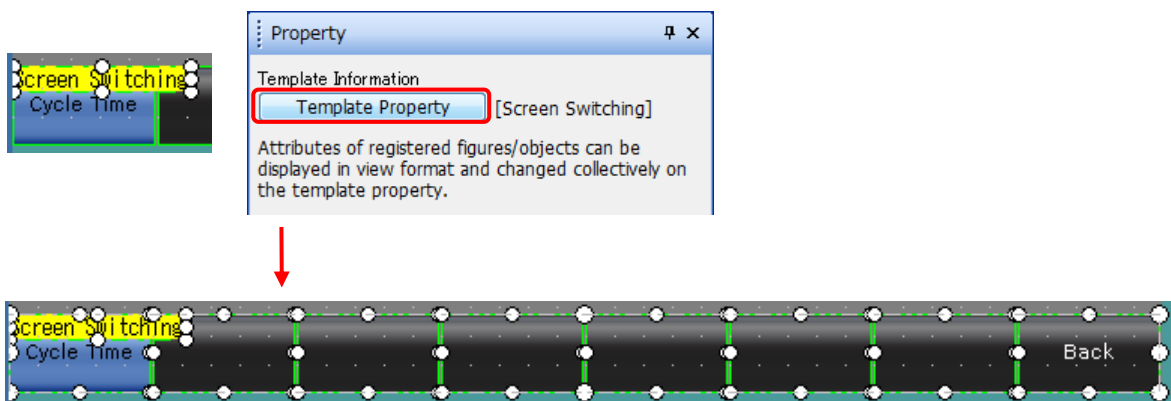
Templates are a group of figures and objects. Related settings are grouped into template attributes and registered, so the devices and colors, etc. can be easily changed in a batch. For more details about changing the attribute settings, please refer to the "GT Designer3 (GOT2000) Help".



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.

