TECHNICAL BULLETIN

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[Title] Cautions with expansion of the number of displayed contacts for ladder program in GX Works2

[Date of Issue] January 2011

[Relevant Models] Mitsubishi Integrated FA software MELSOFT series
GX Works2

Thank you for your continued support of Mitsubishi integrated FA software MELSOFT series.

This bulletin outlines cautions for customers who use both GX Works2 Ver.1.48A or later and earlier than GX Works2 Ver.1.48A (including GX Developer).

1. Cautions

GX Works2 Ver.1.48A provides less wrapping positions and clearer ladder program display by expanding the number of displayed contacts.

Product	Number of displayed contacts	Remark
GX Works2 Ver.1.48A or later	Select from 9, 11, 13, 17, 21contacts	13, 17, 21 contacts are added
Earlier than GX Works2 Ver.1.48A	Select from 9, 11 contacts	-
GX Developer	9 contacts (English version), 11 contacts (Japanese version)	-

Therefore, when using earlier product than GX Works2 Ver.1.48A (including GX Developer), a ladder program may not be displayed properly (the background color of the ladder program is displayed in yellow) due to the difference of the number of displayed contacts.

When a situation meets "2 Conditions when a ladder program is not displayed properly" shown in the next page, operate the program in accordance with "3 Corrective action".

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2. Conditions when a ladder program is not displayed properly

When a situation meets any of the following, a ladder program may not be displayed properly.

Condition 1: Reading data from programmable controller after writing data to programmable controller with products as shown in the table below.

GX Works2 used in reading data from programmable controller / GX Works2 used in writing data to programmable controller	Earlier than GX Works2 Ver.1.48A (including GX Developer)	GX Works2 Ver.1.48A or later
Earlier than GX Works2 Ver.1.48A (including GX Developer)	○	○
GX Works2 Ver.1.48A or later (13 or more is selected as the number of displayed contacts)	▲	○

○: Displayed properly ▲: May not be displayed properly

Condition 2: Open a project after saving the project with the number of displayed contacts as shown in the table below.

Operation	Saving a project	→	Opening a project
Condition	The number of displayed contacts in GX Works2 (including GX Developer)	>	The number of displayed contacts in GX Works2 (including GX Developer)
Example of improper display	11	>	9

3. Corrective action

Perform the following operation with GX Works2 Ver. 1.48A or later.

1) Set to the less number of displayed contacts of the products running concurrently for "Display Connection of Ladder Diagram" with [Tool] → [Options] → [Program Editor]→[Ladder] → [Ladder Diagram] → [Display Format].
2) When the program is not displayed properly by operation shown above, adjust the program to the number of displayed contacts being set or less.

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