

[Issue No.] HIME-T-P-0118A

[Title] Limitations and precautions when using FX3s Series with GX Developer

[Date of Issue] July 2016

[Relevant Models] MELSEC-F FX3s series

Thank you very much for your continued support of Mitsubishi programmable controllers MELSEC-F series.

We would like to announce the following limitations and precautions when using FX3s Series with GX Developer. GX Works2 (Ver.1.492N or later) is recommended for FX3s Series.

## 1. Limitations

Select "FX3G" as the PLC type in GX Developer.

Make sure that the following functions of FX3s Series cannot be used.

Limitations	Action
Memory capacity: 16,000 steps cannot be used.	Select "4,000" or "2,000" steps as the memory capacity. (Use GX Works2 [Ver.1.492N or later] when a larger memory capacity is needed for the file registers and comments.)
FX3U-ENET-ADP cannot be used.	Use GX Works2 [Ver.1.492N or later]

## 2. Precautions

Even though "FX3G" is selected in GX Developer, the range of functionality is limited to that available in FX3s Series.

If programming is performed outside the range of functionality that is available in FX3s Series, each device operates as follows:

Unsupported actions	Operations
Memory capacity of 8,000, 16,000 or 32,000 steps is written to the PLC.	When writing to the PLC, a memory capacity setting error is shown on GX Developer.
Unsupported instructions, unsupported devices, and unsupported device ranges are written to the PLC.*1	A syntax error occurs in the FX3s PLC and the ERR LED flashes.
Writing to and reading from unsupported devices or unsupported device ranges by using the monitor function.*1	An error occurs or the value cannot be read or written correctly.
The setting of communication CH2 is written to the PLC.	The setting of communication CH2 is invalid.

\*1 For supported instructions and supported device types and ranges of FX3s Series, refer to the programming manual.

## Revised History

Revision	Date	Description
A	July 2016	First edition

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