



TECHNICAL BULLETIN

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[Issue No.] FA-A-0179

[Title] Transition to made-to-order production and production discontinuation of the CC-Link IE Field Network block type remote modules

[Date of Issue] April 2015

[Relevant Models] NZ2GF2B1-16D, NZ2GF2B1-16T, NZ2GF2B1-16TE, NZ2GF2B-60AD4, NZ2GF2B-60DA4

Thank you for your continued support of Mitsubishi programmable controllers.

The CC-Link IE Field Network block type remote modules NZ2GF2B1-16D, NZ2GF2B1-16T, and NZ2GF2B1-16TE, and NZ2GF2B-60AD4 and NZ2GF2B-60DA4 are to be made-to-order and then discontinued because the NZ2GF2B1N-16D, NZ2GF2B1N-16T, and NZ2GF2B1N-16TE, and NZ2GF2BN-60AD4 and NZ2GF2BN-60DA4 were released as alternative models in November 2014.

Therefore, this bulletin provides information on "Transition to made-to-order production and production discontinuation of the CC-Link IE Field Network block type remote modules". We appreciate your kind understanding.

1. Models to be made-to-order and discontinued

The CC-Link IE Field Network block type remote modules NZ2GF2B1-16D, NZ2GF2B1-16T, and NZ2GF2B1-16TE, and NZ2GF2B-60AD4 and NZ2GF2B-60DA4 are to be made-to-order and then discontinued. (For alternative models, refer to "4. Models to be made-to-order, models to be discontinued, and alternative models".)

2. Date of transition to made-to-order production and date of discontinuation

- Start of made-to-order production: **May 01, 2015**
- Order acceptance: **Until October 31, 2015**
- Date of discontinuation: **November 30, 2015**

3. Requests to our customers

On and after May 01, 2015, or the transition to made-to-order production, the CC-Link IE Field Network block type remote modules NZ2GF2B1-16D, NZ2GF2B1-16T, and NZ2GF2B1-16TE, and NZ2GF2B-60AD4 and NZ2GF2B-60DA4 will have a delivery time of two and half months.

Allowing for this time, purchase the corresponding models.

For details on the delivery time, please contact the seller.

4. Models to be made-to-order, models to be discontinued, and alternative models

Product name	Name of model to be made-to-order Name of model to be discontinued	Name of alternative model
CC-Link IE Field Network remote I/O module	NZ2GF2B1-16D	NZ2GF2B1N-16D
	NZ2GF2B1-16T	NZ2GF2B1N-16T
	NZ2GF2B1-16TE	NZ2GF2B1N-16TE
CC-Link IE Field Network Analog-Digital Converter Module	NZ2GF2B-60AD4	NZ2GF2BN-60AD4
CC-Link IE Field Network Digital-Analog Converter Module	NZ2GF2B-60DA4	NZ2GF2BN-60DA4

5. Comparing the specifications of current models and alternative models

(1) Remote input module

Because of no difference in the specifications, there is no particular point in the replacement of modules.

(2) Remote output module

Because of no difference in the specifications, there is no particular point in the replacement of modules.

(3) Analog-digital converter module

Item		NZ2GF2B-60AD4	NZ2GF2BN-60AD4
Accuracy	Ambient temperature (25±5°C)	±0.2%	±0.1%
	Ambient temperature (0 to 55°C)		±0.2%
Conversion speed		400µs/channel 1ms/channel	100µs/channel 400µs/channel 1ms/channel
External power supply		24VDC (20.4 to 28.8V) Inrush current: 31.2A, 1.5ms or less Current consumption: 230mA	24VDC (20.4 to 28.8V) Inrush current: 36.5A, 1ms or less Current consumption: 210mA

(4) Digital-analog converter module

Item	NZ2GF2B-60DA4	NZ2GF2BN-60DA4
External power supply	24VDC (20.4 to 28.8V) Inrush current: 30.1A, 1.5ms or less Current consumption: 325mA	24VDC (20.4 to 28.8V) Inrush current: 39.0A, 1ms or less Current consumption: 300mA
Weight	0.30kg	0.29kg

6. Comparing the functions of current models and alternative models

(1) Remote input module

Item	NZ2GF2B1-16D	NZ2GF2B1N-16D
Synchronous input timing setting function	Not available	The input timing can be obtained in increments of 0.1μs.

(2) Remote output module

Item	NZ2GF2B1-16T/ NZ2GF2B1-16TE	NZ2GF2B1N-16T/ NZ2GF2B1N-16TE
Synchronous output timing setting function	Not available	The output timing can be specified in increments of 0.1μs.

(3) Analog-digital converter module

Item	NZ2GF2B-60AD4	NZ2GF2BN-60AD4
Conversion speed switch function	The conversion speed can be switched to the following: <ul style="list-style-type: none"> • 400μs/channel • 1ms/channel 	The conversion speed can be switched to the following: <ul style="list-style-type: none"> • 100μs/channel • 400μs/channel • 1ms/channel
Speed switching of the trigger conversion function	Not available (fixed to 400μs)	Switching between 100μs/channel and 400μs/channel is possible.
Conversion speed switching of the CC-Link IE Field Network synchronous communication function	Not available (fixed to 400μs)	Switching between 100μs/channel and 400μs/channel is possible.
Support for extension modules	The following extension modules can be mounted: <ul style="list-style-type: none"> • Extension input module • Extension output module 	The following extension modules can be mounted: <ul style="list-style-type: none"> • Extension input module • Extension output module • Extension A/D converter module • Extension D/A converter module

(4) Digital-analog converter module

Item	NZ2GF2B-60DA4	NZ2GF2BN-60DA4
Support for extension modules	The following extension modules can be mounted: <ul style="list-style-type: none"> • Extension input module • Extension output module 	The following extension modules can be mounted: <ul style="list-style-type: none"> • Extension input module • Extension output module • Extension A/D converter module • Extension D/A converter module

7. Precautions for replacement**(1) Precautions for drive mode switching of the remote I/O module**

Attention is necessary when using the NZ2GF2B1-16D, NZ2GF2B1-16T, and NZ2GF2B1-16TE, as the default value of mode switching varies depending on whether the serial number (first five digits) is prior to "15101" or not. For details, refer to CC-Link IE Field Network Remote I/O Module User's Manual (SH-081114ENG).

(2) Precautions for mode switching of the analog-digital converter module and digital-analog converter module

Attention is necessary when using the NZ2GF2B-60AD4 and NZ2GF2B-60DA4, as the default value of mode switching varies depending on whether the serial number (first five digits) is prior to "15101" or not. For details, refer to CC-Link IE Field Network Analog-Digital Converter Module User's Manual (SH-081451ENG) and CC-Link IE Field Network Digital-Analog Converter Module User's Manual (SH-081453ENG).

(3) Precautions for the reuse of sequence programs

The NZ2GF2B1N-16D, NZ2GF2B1N-16T, NZ2GF2B1N-16TE, NZ2GF2BN-60AD4, and NZ2GF2BN-60DA4 maintain backward compatibility with the NZ2GF2B1-16D, NZ2GF2B1-16T, NZ2GF2B1-16TE, NZ2GF2B-60AD4, and NZ2GF2B-60DA4, allowing the reuse of sequence programs in current use.

(4) Precautions when using GX Works2

The NZ2GF2BN-60AD4 and NZ2GF2BN-60DA4 support Version 1.525X or later. An earlier version than Version 1.525X is not supported and needs to be upgraded to Version 1.525X or later.

8. Repair support

End of repair service (acceptance): November 30, 2022 (support for seven years after the discontinuation)