FA-A-0369-A

Transition to Made-to-order Production of CC-Link IE Field Network Remote I/O Modules

■Date of Issue
February 2022
■Relevant Models
NZ2GF2B1N1-16D, NZ2GF2B1-32D, NZ2GF2B1N1-16T, NZ2GF2B1N1-16TE, NZ2GF2B1-32T, NZ2GF2B1-32TE,
NZ2GF2B1-32DT, NZ2GF2B1-32DTE, NZ2GF2S1-16D, NZ2GF2S1-16T, NZ2GF2S1-16TE, NZ2EX2B1N-16D,
NZ2EX2B1N-16T, NZ2EX2B1N-16TE, NZ2EX2S1-16D, NZ2EX2S1-16T, NZ2EX2S1-16TE

Thank you for your continued support of Mitsubishi Electric programmable controllers.
We are informing you that the following CC-Link IE Field Network remote I/O modules are to be made to order.

1   TARGET MODELS AND RECOMMENDED ALTERNATIVE MODELS

Main module

Type of terminal block	Target model	Recommended alternative model
	CC-Link IE Field Network remote I/O module	CC-Link IE TSN remote I/O module
Screw terminal block type	NZ2GF2B1N1-16D	NZ2GN2B1-16D
	NZ2GF2B1-32D	NZ2GN2B1-32D
	NZ2GF2B1N1-16T	NZ2GN2B1-16T
	NZ2GF2B1N1-16TE	NZ2GN2B1-16TE
	NZ2GF2B1-32T	NZ2GN2B1-32T
	NZ2GF2B1-32TE	NZ2GN2B1-32TE
	NZ2GF2B1-32DT	NZ2GN2B1-32DT
	NZ2GF2B1-32DTE	NZ2GN2B1-32DTE
Spring clamp terminal block type	NZ2GF2S1-16D	NZ2GN2S1-16D
	NZ2GF2S1-16T	NZ2GN2S1-16T
	NZ2GF2S1-16TE	NZ2GN2S1-16TE

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Extension module

For extension modules, there is no alternative CC-Link IE TSN remote I/O module. Depending on the combination of main module and extension module, select the appropriate alternative module.

Type of terminal block	Target model		Recommended alternative model	Remarks
	CC-Link IE Field Network remote I/O module		**CC-Link IE TSN remote I/O module**	
	Main module	**Extension module**		
Screw terminal block type	NZ2GF2B1N1-16D (Positive common/ negative common shared type) (Number of modules that can be expanded: 3)[*1]	NZ2EX2B1N-16D (Positive common/ negative common shared type)	NZ2GN2B1-32D (Positive common/negative common shared type)	When the common wiring method of the main module differs from that of the extension module, unify the method to positive common or negative common.
	NZ2GF2B1N1-16T (Number of modules that can be expanded: 3)[*1]		NZ2GN2B1-32DT (Input part: Positive common)	• Only the positive common is used for input. • The device assignment order for input and output is changed, thus change the assignment using the program.
	NZ2GF2B1N1-16TE (Number of modules that can be expanded: 3)[*1]		NZ2GN2B1-32DTE (Input part: Negative common)	• Only the negative common is used for input. • The device assignment order for input and output is changed, thus change the assignment using the program.
	NZ2GF2B1N1-16D (Positive common/ negative common shared type) (Number of modules that can be expanded: 3)[*1]	NZ2EX2B1N-16T	NZ2GN2B1-32DT (Input part: Positive common)	Only the positive common is used for input.
	NZ2GF2B1N1-16T (Number of modules that can be expanded: 3)[*1]		NZ2GN2B1-32T	When the external power supply for the output part differs between the main module and extension module, use the same external power supply.
	NZ2GF2B1N1-16TE (Source output) (Number of modules that can be expanded: 3)[*1]		NZ2GN2B1-32T (Sink output) NZ2GN2B1-32TE (Source output)	Unify the output to source type or sink type.
	NZ2GF2B1N1-16D (Positive common/ negative common shared type) (Number of modules that can be expanded: 3)[*1]	NZ2EX2B1N-16TE	NZ2GN2B1-32DTE (Input part: Negative common)	Only the negative common is used for input.
	NZ2GF2B1N1-16T (Sink output) (Number of modules that can be expanded: 3)[*1]		NZ2GN2B1-32T (Sink output) NZ2GN2B1-32TE (Source output)	Unify the output to source type or sink type.
	NZ2GF2B1N1-16TE (Number of modules that can be expanded: 3)[*1]		NZ2GN2B1-32TE	When the external power supply for the output part differs between the main module and extension module, use the same external power supply.

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Type of terminal block	Target model		Recommended alternative model	Remarks
	CC-Link IE Field Network remote I/O module		CC-Link IE TSN remote I/O module	
	Main module	Extension module		
Spring clamp terminal block type	NZ2GF2S1-16D (Positive common/negative common shared type) (Number of modules that can be expanded: 1)	NZ2EX2S1-16D (Positive common/negative common shared type)	NZ2GN2S1-32D (Positive common/negative common shared type)	When the common wiring method of the main module differs from that of the extension module, unify the method to positive common or negative common.
	NZ2GF2S1-16T (Number of modules that can be expanded: 1)		NZ2GN2S1-32DT (Input part: Positive common)	• Only the positive common is used for input. • The device assignment order for input and output is changed, thus change the assignment using the program.
	NZ2GF2S1-16TE (Number of modules that can be expanded: 1)		NZ2GN2S1-32DTE (Input part: Negative common)	• Only the negative common is used for input. • The device assignment order for input and output is changed, thus change the assignment using the program.
	NZ2GF2S1-16D (Positive common/negative common shared type) (Number of modules that can be expanded: 1)	NZ2EX2S1-16T	NZ2GN2S1-32DT (Input part: Positive common)	Only the positive common is used for input.
	NZ2GF2S1-16T (Number of modules that can be expanded: 1)		NZ2GN2S1-32T	When the external power supply for the output part differs between the main module and extension module, use the same external power supply.
	NZ2GF2S1-16TE (Source output) (Number of modules that can be expanded: 1)		NZ2GN2S1-32T (Sink output) NZ2GN2S1-32TE (Source output)	Unify the output to source type or sink type.
	NZ2GF2S1-16D (Positive common/negative common shared type) (Number of modules that can be expanded: 1)	NZ2EX2S1-16TE	NZ2GN2S1-32DTE (Input part: Negative common)	Only the negative common is used for input.
	NZ2GF2S1-16T (Sink output) (Number of modules that can be expanded: 1)		NZ2GN2S1-32T (Sink output) NZ2GN2S1-32TE (Source output)	Unify the output to source type or sink type.
	NZ2GF2S1-16TE (Number of modules that can be expanded: 1)		NZ2GN2S1-32TE	When the external power supply for the output part differs between the main module and extension module, use the same external power supply.

*1 When using two or more extension modules, increase the number of stations.

When replacing a CC-Link IE Field Network remote I/O module with a CC-Link IE TSN remote I/O model, check the following technical bulletin.

📖 Method for Replacing CC-Link IE Field Network Remote I/O Module with CC-Link IE TSN Remote I/O Module (CC-Link IE Field Network Communication Mode) (FA-A-0333)

2   SCHEDULE

Start of made-to-order production: September 30, 2022

3   REASON FOR TRANSITION

The CC-Link IE TSN remote I/O modules have expanded their lineup since 2019. The modules have the CC-Link IE Field Network mode to support CC-Link IE Field Network.

With the expansion of the CC-Link IE TSN remote I/O modules that support CC-Link IE Field Network, we have to integrate models and optimize the product lineup in the future. By improving production efficiency, we aim to equalize delivery dates and to provide stable product supply.

This change does not apply to the CC-Link IE Field Network compatible products other than the target models.

4   PRECAUTIONS ON TRANSITION TO MADE-TO-ORDER PRODUCTION

In the case of made-to-order production, it takes longer time to deliver than normal prepared products. Please allow for this term and purchase the target models early enough.

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

5   COMPARISON OF SPECIFICATIONS BETWEEN TARGET MODELS AND RECOMMENDED ALTERNATIVE MODELS

There are some differences in the specifications between target models and recommended alternative models. For details, refer to the following technical bulletin.

📖 Method for Replacing CC-Link IE Field Network Remote I/O Module with CC-Link IE TSN Remote I/O Module (CC-Link IE Field Network Communication Mode) (FA-A-0333)

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REVISIONS

Version	Date of Issue	Revision
A	February 2022	First edition

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