![MITSUBISHI ELECTRIC]

FA-A-0398-A

Production Discontinuation of AnyWire Bitty Series Products

■Date of Issue
February 2023
■Relevant Models
NZ2AW1C1BY and FX3U-128BTY-M

Thank you for your continued support of Mitsubishi Electric programmable controllers, MELSEC series.

This technical bulletin informs you of production discontinuation of the following AnyWire Bitty series products.

We appreciate your kind understanding.

1   MODELS TO BE DISCONTINUED

Product	Model
CC-Link-AnyWire Bitty Bridge Module	NZ2AW1C1BY
FX3 series AnyWire Bitty series master block	FX3U-128BTY-M

2   SCHEDULE

Order acceptance: Until December 28, 2023

Production discontinuation: March 29, 2024

3   REASON FOR DISCONTINUATION

Some parts of the above products are now obsolete due to discontinuation, and we will have difficulty to maintain our production system.

4   REPAIR SUPPORT

Repair support period: Until March 31, 2025 (for one year after the discontinuation of production)

Repair support period is one year after the discontinuation of production because those products were jointly developed and manufactured by Mitsubishi Electric Corporation and Anywire Corporation. We appreciate your kind understanding.

5   ALTERNATIVE NETWORK SYSTEM AND MODELS

5.1   Alternative Network System

Replace the system with the system using the AnyWireASLINK products.

Item		AnyWire Bitty	AnyWireASLINK
Maximum number of transmission points		512	512
Maximum number of connectable modules		128	128
Maximum wiring length		100m	200m
Transmission cycle time	Number of transmission points: 64	—	2.4ms[1]
	Number of transmission points: 128	3.2ms	3.6ms[1]
	Number of transmission points: 256	5.5ms	6.0ms[1]
	Number of transmission points: 512	10.2ms	10.7ms[1]
Transmission cable supply current[2]	Transmission distance: 50m or shorter	2.0A	2.0A
	Transmission distance: 50m to 100m	0.7A	1.0A

*1   Values when a model of AnyWireASLINK Ver.1.0 is used.
*2   Values when the wire diameter of transmission cable is $1.25mm^2$.

5.2   Alternative Models

Model to be discontinued	Alternative model
NZ2AW1C1BY	NZ2AW1C2AL
FX3U-128BTY-M	FX5-ASL-M
	FX3U-128ASL-M

Point

The remote modules manufactured by Anywire Corporation should be replaced. For more information on these remote modules, please contact Anywire Corporation.

6　COMPARISON BETWEEN THE DISCONTINUED AND ALTERNATIVE MODELS

6.1　CC-Link-AnyWire Bitty Bridge Module

○: Compatible, △: Some changed

Item		Model to be discontinued: NZ2AW1C1BY	Alternative model: NZ2AW1C2AL	Compatibility	Influences by replacement
External dimensions	Height (H)	100mm	102mm	△	The external dimensions differ. Make sure there is enough space for installation.
	Width (W)	40mm	43mm		
	Depth (D)	66mm	96mm		
Recommended solderless terminal for the transmission cable and terminal block		• V1.25-3, V2-MS3 (JST Mfg. Co., Ltd.) • TG1.25-3, TG1.25-3N, TG2-3N (NICHIFU Co., Ltd.) • V1.25-3 (FUJI TERMINAL INDUSTRY CO., LTD.) • 170780-1 (Tyco Electronics Japan G.K.)	• AI 0,75-8 GY • AI 1,5-8 BK • AI-TWIN 2×0,75-8 GY • AI-TWIN 2×1,5-8 BK (PHOENIX CONTACT GmbH & Co. KG)	△	Applicable solderless terminals differ. Reconnect the cables.

Point

To use existing programs continuously, use the CC-Link Ver.1.10 and set the same number of occupied stations as that before change. When the CC-Link Ver.2.00 is used or the number of occupied stations is changed, it may be necessary to change the programs.

6.2　FX3 series AnyWire Bitty Series Master Block

Replacement FX3U-128BTY-M with FX5-ASL-M

○: Compatible, △: Some changed

Item		Model to be discontinued: FX3U-128BTY-M	Alternative model: FX5-ASL-M	Compatibility	Influences by replacement
External dimensions	Height (H)	90mm	90mm	△	The external dimensions differ. Make sure there is enough space for installation.
	Width (W)	43mm	40mm		
	Depth (D)	95.5mm	97.3mm		
Recommended solderless terminal for the transmission cable and terminal block		• AI 0,75-8 GY • AI 1,5-8 BK • AI-TWIN 2×0,75-8 GY • AI-TWIN 2×1,5-8 BK (PHOENIX CONTACT GmbH & Co. KG)	• AI 0,75-10 GY • AI 1,5-10 BK (PHOENIX CONTACT GmbH & Co. KG)	△	Applicable solderless terminals differ. Reconnect the cables.

Point

When a discontinued model is replaced with the FX5-ASL-M, the engineering tool, CPU module, and ladder program should be updated.

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Replacement FX3U-128BTY-M with FX3U-128ASL-M

○: Compatible, △: Some changed

Item		Model to be discontinued: FX3U-128BTY-M	Alternative model: FX3U-128ASL-M	Compatibility	Influences by replacement
External dimensions	Height (H)	90mm	90mm	○	—
	Width (W)	43mm	43mm		
	Depth (D)	95.5mm	95.5mm		
Recommended solderless terminal for the transmission cable and terminal block		• AI 0,75-8 GY • AI 1,5-8 BK • AI-TWIN 2×0,75-8 GY • AI-TWIN 2×1,5-8 BK (PHOENIX CONTACT GmbH & Co. KG)	• AI 0,75-8 GY • AI 1,5-8 BK • AI-TWIN 2×0,75-8 GY • AI-TWIN 2×1,5-8 BK (PHOENIX CONTACT GmbH & Co. KG)	○	—

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REVISIONS

Version	Date of Issue	Revision
A	February 2023	First edition

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