FAM-A-0076-A

Production Discontinuation of the α/α2 Series

■Date of Issue

January 2024

■Relevant Models

AL2-10MR-A, AL2-10MR-D, AL2-14MR-A, AL2-14MR-D, AL2-24MR-A, AL2-24MR-D, AL2-2DA, AL2-2PT-ADP, AL2-2TC-ADP, AL2-4EX, AL2-4EX-A2, AL2-4EYR, AL2-4EYT, AL2-EEPROM-2, AL2-GSM-CAB, AL-232CAB

Thank you for your continued support of Mitsubishi Electric α/α2 series.

This technical bulletin informs you that production of the α/α2 series will be discontinued. We appreciate your kind understanding.

1   MODELS TO BE DISCONTINUED

Product	Model
Main units	AL2-10MR-A
	AL2-10MR-D
	AL2-14MR-A
	AL2-14MR-D
	AL2-24MR-A
	AL2-24MR-D
Analog extension modules	AL2-2DA
	AL2-2PT-ADP
	AL2-2TC-ADP
I/O extension modules	AL2-4EX
	AL2-4EX-A2
	AL2-4EYR
	AL2-4EYT
Memory cassette	AL2-EEPROM-2
Cables	AL2-GSM-CAB
	AL-232CAB

2   SCHEDULE

- Start of make-to-order production: October 1, 2024
- Order acceptance: Until June 30, 2025
- Production discontinuation: September 30, 2025[*1]

*1   The discontinuation date for products manufactured for North America is March 31, 2024.

3   REASON FOR DISCONTINUATION

It is difficult to obtain dedicated ICs which are main parts for the relevant models, and so our company will have difficulty to maintain the production system.

MITSUBISHI ELECTRIC CORPORATION

4 ALTERNATIVE MODELS

There is no alternative model. Please consider replacing those models with models of MELSEC iQ-F series or MELSEC-F series.

5 COMPARISON OF SPECIFICATIONS

The following shows the comparison of the specifications between the discontinued models and alternative models of MELSEC iQ-F series and MELSEC-F series.

Item		Model to be discontinued	Alternative model[*1]	
		α2 series	MELSEC iQ-F series FX5S	MELSEC-F series FX3S
Programming language		Function block diagram (FBD)	Ladder diagram (LD) Structured text (ST) Function block diagram/ladder diagram (FBD/LD)	Ladder diagram (LD) Structured text (ST) Sequential function chart (SFC)
Programming software		AL-PCS/WIN-E(SW0D5-ALVLS-E)	GX Works3	GX Works2
Memory type		Built-in: EEPROM Extension: Memory cassette	Built-in: Flash memory Extension: SD/SDHC memory card[*2]	Built-in: EEPROM Extension: Memory cassette
Rated voltage	AC	100 to 240VAC	100 to 240VAC	100 to 240VAC
	DC	24VDC	Not supported	24VDC
Input signal voltage	AC	100 to 240VAC	Not supported[*3]	Not supported[*3]
	DC	24VDC	24VDC	24VDC
Max. resistive load		8A	2A[*4]	2A[*4]
Total number of I/O points		10 points (Input points: 6 points, Output points: 4 points) 14 points (Input points: 8 points, Output points: 6 points) 24 points (Input points: 15 points, Output points: 9 points)	30 points (Input points: 16 points, Output points: 14 points) 40 points (Input points: 24 points, Output points: 16 points) 60 points (Input points: 36 points, Output points: 24 points)	10 points (Input points: 6 points, Output points: 4 points) 14 points (Input points: 8 points, Output points: 6 points) 20 points (Input points: 12 points, Output points: 8 points) 30 points (Input points: 16 points, Output points: 14 points)
Input/output extension		1 extension module (Input or Output)	Not supported	1 expansion board (Input or Output)
Analog inputs		Built-in: Maximum 8 points Extension modules: Not supported	Built-in: Not supported Expansion adapters: 1 to 4 units	Built-in: Not supported Special adapter or expansion board: 1 unit
Communication type		Serial • Built-in: Supported • Extension modules: Not supported USB: Not supported Ethernet: Not supported	Serial • Built-in: Not supported • Expansion adapters or expansion boards: Supported USB • Built-in: Supported • Expansion adapters or expansion boards: Not supported Ethernet • Built-in: Supported • Expansion adapters or expansion boards: Not supported	Serial • Built-in: Supported • Special adapters or expansion boards: Supported USB • Built-in: Supported • Special adapters or expansion boards: Not supported Ethernet • Built-in: Not supported • Special adapters or expansion boards: Not supported
Clock function		Time zone: Supported Daylight saving time: Supported Time setting function: DCF77	Time zone: Supported Daylight saving time: Not supported Time setting function: SNTP	Time zone: Not supported Daylight saving time: Not supported Time setting function: Not supported
Display		Supported	Not supported[*5]	Not supported[*5]

*1 It does not include models that we have announced discontinuation of production.
*2 An SD memory card module (FX5-SDCD) is required.
*3 AC input is not supported, so an external AC/DC converter is required for replacement.
*4 8A output is not supported, so an external relay may be required for replacement.
*5 Consider using GOTs or other HMI devices.

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REVISIONS

Version	Date of Issue	Revision
A	January 2024	First edition

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