

## Production Discontinuation of the $\alpha/\alpha 2$ 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  $\alpha/\alpha 2$  series.

This technical bulletin informs you that production of the  $\alpha/\alpha 2$  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<sup>\*1</sup>

\*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.

## 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 <sup>*1</sup>	
	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 <sup>*2</sup>	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 <sup>*3</sup>	Not supported <sup>*3</sup>
	DC	24VDC	24VDC	24VDC
Max. resistive load	8A		2A <sup>*4</sup>	2A <sup>*4</sup>
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 <sup>*5</sup>	Not supported <sup>*5</sup>

\*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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