



**TECHNICAL BULLETIN**

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## **Production Discontinuation of the MELSEC-F Series Models**

■Date of Issue

April 2026

■Relevant Models

MELSEC-F series

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

This technical bulletin informs you that production of the following FX3U and FX3UC series models and extension models will be discontinued.

In addition, the manuals for the target models will also be discontinued.

We appreciate your kind understanding.

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**MITSUBISHI ELECTRIC CORPORATION**

HEAD OFFICE: TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN  
NAGOYA WORKS: 1-14, YADA-MINAMI 5-CHOME, HIGASHI-KU, NAGOYA 461-8670, JAPAN

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## 1 MODELS TO BE DISCONTINUED

Classification	Model
FX3U main module	FX3U-16MR/ES
	FX3U-16MT/ES
	FX3U-16MT/ESS
	FX3U-32MR/ES
	FX3U-32MS/ES
	FX3U-32MT/ES
	FX3U-32MT/ESS
	FX3U-48MR/ES
	FX3U-48MT/ES
	FX3U-48MT/ESS
	FX3U-64MR/ES
	FX3U-64MS/ES
	FX3U-64MT/ES
	FX3U-64MT/ESS
	FX3U-80MR/ES
	FX3U-80MT/ES
	FX3U-80MT/ESS
	FX3U-128MR/ES
	FX3U-128MT/ES
	FX3U-128MT/ESS
	FX3U-16MR/DS
	FX3U-16MT/DS
	FX3U-16MT/DSS
	FX3U-32MR/DS
	FX3U-32MT/DS
	FX3U-32MT/DSS
	FX3U-48MR/DS
	FX3U-48MT/DS
	FX3U-48MT/DSS
	FX3U-64MR/DS
	FX3U-64MT/DS
	FX3U-64MT/DSS
	FX3U-80MR/DS
	FX3U-80MT/DS
FX3U-80MT/DSS	
FX3U-32MR/UA1	
FX3U-64MR/UA1	
FX3UC main module	FX3UC-16MR/D-T
	FX3UC-16MR/DS-T
	FX3UC-16MT/D
	FX3UC-32MT/D
	FX3UC-64MT/D
	FX3UC-96MT/D
	FX3UC-16MT/DSS
	FX3UC-32MT/DSS
	FX3UC-64MT/DSS
FX3UC-96MT/DSS	

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Classification	Model
I/O extension unit	FX2N-32ER
	FX2N-32ER-ES/UL
	FX2N-32ES
	FX2N-32ET
	FX2N-32ET-ESS/UL
	FX2N-48ER
	FX2N-48ER-ES/UL
	FX2N-48ER-UA1/UL
	FX2N-48ET
	FX2N-48ET-ESS/UL
	FX2N-48ER-D
	FX2N-48ER-DS
	FX2N-48ET-D
	FX2N-48ET-DSS
I/O extension block	FX2N-8ER
	FX2N-8ER-ES/UL
	FX2NC-64ET
Input extension block	FX2N-8EX-UA1/UL
	FX2N-8EX
	FX2N-8EX-ES/UL
	FX2N-16EX
	FX2N-16EX-ES/UL
	FX2N-16EX-C
	FX2N-16EXL-C
	FX2NC-16EX
	FX2NC-16EX-DS
	FX2NC-16EX-T
	FX2NC-16EX-T-DS
	FX2NC-16EX-D/UL
	FX2NC-32EX
	FX2NC-32EX-DS
FX2NC-32EX-D/UL	

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Classification	Model
Output extension block	FX2N-8EYR
	FX2N-8EYR-ES/UL
	FX2N-8EYR-S-ES/UL
	FX2N-8EYT
	FX2N-8EYT-ESS/UL
	FX2N-8EYT-H
	FX2N-16EYR
	FX2N-16EYR-ES/UL
	FX2N-16EYS
	FX2N-16EYT
	FX2N-16EYT-ESS/UL
	FX2N-16EYT-C
	FX2NC-16EYR-T
	FX2NC-16EYR-T-DS
	FX2NC-16EYT
	FX2NC-16EYT-DSS
	FX2NC-16EYT-D/UL
	FX2NC-32EYT
	FX2NC-32EYT-DSS
	FX2NC-32EYT-D/UL
Special extension block	FX3U-4AD
	FX3U-4DA
	FX3U-4LC
	FX3U-2HC
	FX3U-1PG
	FX3U-20SSC-H
	FX3U-16CCL-M
	FX3U-64CCL
	FX3U-128ASL-M <sup>1</sup>
	FX3U-32DP
	FX3U-64DP-M
	FX3U-CAN
	FX3U-J1939
	FX3UC-4AD
Special adapter	FX3U-2HSY-ADP
	FX3U-4HSX-ADP
Expansion board	FX3U-USB-BD
	FX3U-232-BD
	FX3U-422-BD
	FX3U-485-BD
	FX3U-8AV-BD
	FX3U-CNV-BD
Programmable controller connection cable	FX-20P-CAB0
	FX-20P-CAB
	FX-20P-CADP
Communication cable	FX-422CAB
	FX-422CAB-150
Signal converter	FX-USB-AW

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Classification	Model
Extended extension cable	FX0N-5EC
	FX0N-30EC
	FX0N-65EC
I/O cable	FX-A32E-150CAB
	FX-A32E-300CAB
	FX-A32E-500CAB
Connector conversion adapter	FX2N-CNV-BC
	FX2NC-CNV-IF
Extension power supply module	FX3UC-1PS-5V
	FX3U-1PSU-5V
I/O connector	FX-I/O-CON2
	FX-I/O-CON2-S
	FX-I/O-CON2-SA
Memory cassette	FX3U-FLROM-16
	FX3U-FLROM-64
	FX3U-FLROM-64L
	FX3U-FLROM-1M

\*1 The repair support period lasts for one year after production is discontinued.

## 2 SCHEDULE

- Start of make-to-order production: January 1, 2028
- Order acceptance: Until March 31, 2028
- Production discontinuation: September 30, 2028

We will close orders on the deadline listed above and stop production once shipments for those orders have been completed.

## 3 REASON FOR DISCONTINUATION

The production of parts used has been discontinued one after another, making it difficult to maintain our production system.

## 4 REPAIR SUPPORT

Repair support period: Until September 30, 2035 (for seven years after the discontinuation of production)

(Please note that even during the repair support period, we may be unable to provide repair support if parts are no longer available.)

## 5 RECOMMENDED ALTERNATIVE MODELS

The following table lists the recommended alternative models.

Model to be discontinued	Recommended alternative model
FX3U-16MR/ES	<ul style="list-style-type: none"> <li>• FX5U-32MR/ES</li> <li>• FX5UJ-24MR/ES</li> </ul>
FX3U-16MT/ES	<ul style="list-style-type: none"> <li>• FX5U-32MT/ES</li> <li>• FX5UJ-24MT/ES</li> </ul>
FX3U-16MT/ESS	<ul style="list-style-type: none"> <li>• FX5U-32MT/ESS</li> <li>• FX5UJ-24MT/ESS</li> </ul>
FX3U-32MR/ES	<ul style="list-style-type: none"> <li>• FX5U-32MR/ES</li> <li>• FX5UJ-40MR/ES</li> </ul>
FX3U-32MS/ES	<ul style="list-style-type: none"> <li>• FX5U-32MT/ES + FA-TH16YSR20S<sup>*2</sup> + FA-CBL10(Y)M20<sup>*2</sup></li> <li>• FX5UJ-40MT/ES + FA-TH16YSR20S<sup>*2</sup> + FA-CBL10(Y)M20<sup>*2</sup></li> </ul>
FX3U-32MT/ES	<ul style="list-style-type: none"> <li>• FX5U-32MT/ES</li> <li>• FX5UJ-40MT/ES</li> </ul>
FX3U-32MT/ESS	<ul style="list-style-type: none"> <li>• FX5U-32MT/ESS</li> <li>• FX5UJ-40MT/ESS</li> </ul>
FX3U-48MR/ES	<ul style="list-style-type: none"> <li>• FX5U-64MR/ES</li> <li>• FX5UJ-40MT/ES + FX5-8EYR/ES</li> </ul>
FX3U-48MT/ES	<ul style="list-style-type: none"> <li>• FX5U-64MT/ES</li> <li>• FX5UJ-40MT/ES + FX5-8EYT/ES</li> </ul>
FX3U-48MT/ESS	<ul style="list-style-type: none"> <li>• FX5U-64MT/ESS</li> <li>• FX5UJ-40MT/ESS + FX5-8EYT/ESS</li> </ul>
FX3U-64MR/ES	<ul style="list-style-type: none"> <li>• FX5U-64MR/ES</li> <li>• FX5UJ-60MR/ES + FX5-8EYR/ES</li> </ul>
FX3U-64MS/ES	<ul style="list-style-type: none"> <li>• FX5U-64MT/ES + FA-TH16YSR20S<sup>*2</sup> × 2 + FA-CBL10(Y)M20<sup>*2</sup> × 2</li> <li>• FX5UJ-60MT/ES + FX5-8EYT/ES + FA-TH16YSR20S<sup>*2</sup> × 2 + FA-CBL10(Y)M20<sup>*2</sup> × 2</li> </ul>
FX3U-64MT/ES	<ul style="list-style-type: none"> <li>• FX5U-64MT/ES</li> <li>• FX5UJ-60MT/ES + FX5-8EYT/ES</li> </ul>
FX3U-64MT/ESS	<ul style="list-style-type: none"> <li>• FX5U-64MT/ESS</li> <li>• FX5UJ-60MT/ESS + FX5-8EYT/ESS</li> </ul>
FX3U-80MR/ES	<ul style="list-style-type: none"> <li>• FX5U-80MR/ES</li> <li>• FX5UJ-60MR/ES + FX5-8EX/ES + FX5-16EYR/ES</li> </ul>
FX3U-80MT/ES	<ul style="list-style-type: none"> <li>• FX5U-80MT/ES</li> <li>• FX5UJ-60MT/ES + FX5-8EX/ES + FX5-16EYT/ES</li> </ul>
FX3U-80MT/ESS	<ul style="list-style-type: none"> <li>• FX5U-80MT/ESS</li> <li>• FX5UJ-60MT/ESS + FX5-8EX/ES + FX5-16EYT/ESS</li> </ul>
FX3U-128MR/ES	<ul style="list-style-type: none"> <li>• FX5U-80MR/ES + FX5-32ER/ES + FX5-16ER/ES</li> <li>• FX5UJ-60MR/ES + FX5-32ER/ES + FX5-32ER/ES + FX5-8EYR/ES</li> </ul>
FX3U-128MT/ES	<ul style="list-style-type: none"> <li>• FX5U-80MT/ES + FX5-32ET/ES + FX5-16ET/ES</li> <li>• FX5UJ-60MT/ES + FX5-32ET/ES + FX5-32ET/ES + FX5-8EYT/ES</li> </ul>
FX3U-128MT/ESS	<ul style="list-style-type: none"> <li>• FX5U-80MT/ESS + FX5-32ET/ESS + FX5-16ET/ESS</li> <li>• FX5UJ-60MT/ESS + FX5-32ET/ESS + FX5-32ET/ESS + FX5-8EYT/ESS</li> </ul>
FX3U-16MR/DS	<ul style="list-style-type: none"> <li>• FX5U-32MR/DS</li> <li>• FX5UJ-24MR/DS</li> </ul>
FX3U-16MT/DS	<ul style="list-style-type: none"> <li>• FX5U-32MT/DS</li> <li>• FX5UJ-24MT/DS</li> </ul>
FX3U-16MT/DSS	<ul style="list-style-type: none"> <li>• FX5U-32MT/DSS</li> <li>• FX5UJ-24MT/DSS</li> </ul>
FX3U-32MR/DS	<ul style="list-style-type: none"> <li>• FX5U-32MR/DS</li> <li>• FX5UJ-40MR/DS</li> </ul>
FX3U-32MT/DS	<ul style="list-style-type: none"> <li>• FX5U-32MT/DS</li> <li>• FX5UJ-40MT/DS</li> </ul>
FX3U-32MT/DSS	<ul style="list-style-type: none"> <li>• FX5U-32MT/DSS</li> <li>• FX5UJ-40MT/DSS</li> </ul>
FX3U-48MR/DS	<ul style="list-style-type: none"> <li>• FX5U-64MR/DS</li> <li>• FX5UJ-60MR/DS</li> </ul>

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Model to be discontinued	Recommended alternative model
FX3U-48MT/DS	<ul style="list-style-type: none"> <li>FX5U-64MT/DS</li> <li>FX5UJ-60MT/DS</li> </ul>
FX3U-48MT/DSS	<ul style="list-style-type: none"> <li>FX5U-64MT/DSS</li> <li>FX5UJ-60MT/DSS</li> </ul>
FX3U-64MR/DS	<ul style="list-style-type: none"> <li>FX5U-64MR/DS</li> <li>FX5UJ-60MR/DS + FX5-8EYR/ES</li> </ul>
FX3U-64MT/DS	<ul style="list-style-type: none"> <li>FX5U-64MT/DS</li> <li>FX5UJ-60MT/DS + FX5-8EYT/ES</li> </ul>
FX3U-64MT/DSS	<ul style="list-style-type: none"> <li>FX5U-64MT/DSS</li> <li>FX5UJ-60MT/DSS + FX5-8EYT/ESS</li> </ul>
FX3U-80MR/DS	<ul style="list-style-type: none"> <li>FX5U-80MR/DS</li> <li>FX5UJ-60MR/DS + FX5-8EX/ES + FX5-16EYR/ES</li> </ul>
FX3U-80MT/DS	<ul style="list-style-type: none"> <li>FX5U-80MT/DS</li> <li>FX5UJ-60MT/DS + FX5-8EX/ES + FX5-16EYT/ES</li> </ul>
FX3U-80MT/DSS	<ul style="list-style-type: none"> <li>FX5U-80MT/DSS</li> <li>FX5UJ-60MT/DSS + FX5-8EX/ES + FX5-16EYT/ESS</li> </ul>
FX3U-32MR/UA1	<ul style="list-style-type: none"> <li>FX5U-32MR/ES + FA-TH16X100A31(L)<sup>*2</sup> + FA-CBL10(Y)M20<sup>*2</sup></li> <li>FX5UJ-40MR/ES + FA-TH16X100A31(L)<sup>*2</sup> + FA-CBL10(Y)M20<sup>*2</sup></li> </ul>
FX3U-64MR/UA1	FX5U-64MR/ES + FA-TH16X100A31(L) <sup>*2</sup> × 2 + FA-CBL10(Y)M20 <sup>*2</sup> × 2
FX3UC-16MR/D-T	FX5UC-32MR/DS-TS
FX3UC-16MR/DS-T	FX5UC-32MR/DS-TS
FX3UC-16MT/D	FX5UC-32MT/D
FX3UC-32MT/D	FX5UC-32MT/D
FX3UC-64MT/D	FX5UC-64MT/D
FX3UC-96MT/D	FX5UC-96MT/D
FX3UC-16MT/DSS	FX5UC-32MT/DSS
FX3UC-32MT/DSS	FX5UC-32MT/DSS
FX3UC-64MT/DSS	FX5UC-64MT/DSS
FX3UC-96MT/DSS	FX5UC-96MT/DSS
FX2N-32ER	FX5-32ER/ES
FX2N-32ER-ES/UL	FX5-32ER/ES
FX2N-32ES	FX5-32ET/ES + FA-TH16YSR20S <sup>*2</sup> + FA-CBL10(Y)M20 <sup>*2</sup>
FX2N-32ET	FX5-32ET/ES
FX2N-32ET-ESS/UL	FX5-32ET/ESS
FX2N-48ER	FX5-32ER/ES + FX5-16ER/ES
FX2N-48ER-ES/UL	FX5-32ER/ES + FX5-16ER/ES
FX2N-48ER-UA1/UL	FX5-32ER/ES + FX5-8EX/ES + FX5-8EYR/ES + FA-TH16X100A31(L) <sup>*2</sup> × 2 + FA-CBL10(Y)M20 <sup>*2</sup> × 2
FX2N-48ET	FX5-32ET/ES + FX5-16ET/ES
FX2N-48ET-ESS/UL	FX5-32ET/ESS + FX5-16ET/ESS
FX2N-48ER-D	FX5-32ER/DS + FX5-16ER/ES
FX2N-48ER-DS	FX5-32ER/DS + FX5-16ER/ES
FX2N-48ET-D	FX5-32ET/DS + FX5-16ET/ES
FX2N-48ET-DSS	FX5-32ET/DSS + FX5-16ET/ESS
FX2N-8ER	FX5-16ER/ES
FX2N-8ER-ES/UL	FX5-16ER/ES
FX2NC-64ET	FX5-C32ET/D + FX5-C32ET/D
FX2N-8EX-UA1/UL	FX5-8EX/ES + FA-TH16X100A31(L) <sup>*2</sup> + FA-CBL10(Y)M20 <sup>*2</sup>
FX2N-8EX	FX5-8EX/ES
FX2N-8EX-ES/UL	FX5-8EX/ES
FX2N-16EX	FX5-16EX/ES
FX2N-16EX-ES/UL	FX5-16EX/ES
FX2N-16EX-C	FX5-CNV-IF + FX5-C16EX/D

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Model to be discontinued	Recommended alternative model
FX2N-16EXL-C	No alternative model
FX2NC-16EX	FX5-C16EX/D
FX2NC-16EX-DS	FX5-C16EX/DS
FX2NC-16EX-T	FX5-C32EX/DS-TS
FX2NC-16EX-T-DS	FX5-C32EX/DS-TS
FX2NC-16EX-D/UL	FX5-C16EX/D
FX2NC-32EX	FX5-C32EX/D
FX2NC-32EX-DS	FX5-C32EX/DS
FX2NC-32EX-D/UL	FX5-C32EX/D
FX2N-8EYR	FX5-8EYR/ES
FX2N-8EYR-ES/UL	FX5-8EYR/ES
FX2N-8EYR-S-ES/UL	FX5-8EYT/ES + FA-TH16YRA20S <sup>*2</sup> + FA-CBL10(Y)M20 <sup>*2</sup>
FX2N-8EYT	FX5-8EYT/ES
FX2N-8EYT-ESS/UL	FX5-8EYT/ESS
FX2N-8EYT-H	FX5-8EYT/ES + FA-TH16YTR20S <sup>*2</sup> + FA-CBL10(Y)M20 <sup>*2</sup>
FX2N-16EYR	FX5-16EYR/ES
FX2N-16EYR-ES/UL	FX5-16EYR/ES
FX2N-16EYS	FX5-16EYT/ES + FA-TH16YSR20S <sup>*2</sup> + FA-CBL10(Y)M20 <sup>*2</sup>
FX2N-16EYT	FX5-16EYT/ES
FX2N-16EYT-ESS/UL	FX5-16EYT/ESS
FX2N-16EYT-C	FX5-CNV-IF + FX5-C16EYT/D
FX2NC-16EYR-T	FX5-C16EYR/D-TS
FX2NC-16EYR-T-DS	FX5-C16EYR/D-TS
FX2NC-16EYT	FX5-C16EYT/D
FX2NC-16EYT-DSS	FX5-C16EYT/DSS
FX2NC-16EYT-D/UL	FX5-C16EYT/D
FX2NC-32EYT	FX5-C32EYT/D
FX2NC-32EYT-DSS	FX5-C32EYT/DSS
FX2NC-32EYT-D/UL	FX5-C32EYT/D
FX3U-4AD	FX5-4AD
FX3U-4DA	FX5-4DA
FX3U-4LC	FX5-4LC
FX3U-2HC <sup>*3</sup>	FX5-16ET/ES-H FX5-16ET/ESS-H FX5-2HC/ES
FX3U-1PG <sup>*3</sup>	FX5-16ET/ES-H FX5-20PG-P
FX3U-20SSC-H	FX5-40SSC-S
FX3U-16CCL-M	FX5-CCL-MS <sup>*1</sup>
FX3U-64CCL	FX5-CCL-MS <sup>*1</sup>
FX3U-128ASL-M	FX5-ASL-M
FX3U-32DP	No alternative model
FX3U-64DP-M	FX5-DP-M
FX3U-CAN	No alternative model
FX3U-J1939	No alternative model
FX3UC-4AD	FX5-4AD-ADP
FX3U-2HSY-ADP	FX5-20PG-D
FX3U-4HSX-ADP	FX5-2HC/ES × 2
FX3U-USB-BD	No alternative model
FX3U-232-BD	FX5-232-BD

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Model to be discontinued	Recommended alternative model
FX3U-422-BD	FX5-422-BD-GOT
FX3U-485-BD	FX5-485-BD
FX3U-8AV-BD	No alternative model
FX3U-CNV-BD	No alternative model
FX-20P-CAB0	No alternative model
FX-20P-CAB	No alternative model
FX-20P-CADP	No alternative model
FX-422CAB	No alternative model
FX-422CAB-150	No alternative model
FX-USB-AW	No alternative model
FX0N-5EC	FX5-30EC
FX0N-30EC	FX5-30EC
FX0N-65EC	FX5-65EC
FX-A32E-150CAB	No alternative model
FX-A32E-300CAB	No alternative model
FX-A32E-500CAB	No alternative model
FX2N-CNV-BC	FX5-CNV-BC
FX2NC-CNV-IF	FX5-CNV-IF
FX3UC-1PS-5V	FX5-C1PS-5V
FX3U-1PSU-5V	FX5-1PSU-5V
FX-I/O-CON2	No alternative model
FX-I/O-CON2-S	No alternative model
FX-I/O-CON2-SA	No alternative model
FX3U-FLROM-16	No alternative model <sup>*4</sup>
FX3U-FLROM-64	No alternative model <sup>*4</sup>
FX3U-FLROM-64L	No alternative model <sup>*4</sup>
FX3U-FLROM-1M	No alternative model <sup>*4</sup>

\*1 The FX5-CCL-MS can be used as a manager station or intelligent device station.

\*2 Although the handbook for transition describes that there are no alternative models, here is an available product.

"Available products" are those that satisfy the interface specifications for our models. Note that we do not conduct a verification of these available products. Before use, examine the applicability and confirm that the product will not cause system operation problems. In addition, follow the specifications of the product when using it.

\*3 The recommended alternative model varies depending on the use conditions. For details, refer to the following.

 Transition from MELSEC FX3 Series to MELSEC iQ-F Series Handbook

\*4 The CPU built-in memory or SD memory cards can be used as an alternative.

### Precautions

- Please check the specifications for the alternative models in each manual before use.
- Depending on the commands used and the type of special extension models, the programs and wiring may need to be changed.
- When an existing extension model is connected with a recommended alternative model, a whole system may need to be changed.

For details, refer to "Transition from MELSEC FX3 Series to MELSEC iQ-F Series Handbook".

## 6 EXTERNAL DIMENSIONS

For details on external dimensions, refer to the manual for each model.

## 7 BASIC FUNCTIONS AND SPECIFICATIONS COMPARISON

Refer to the following for basic functions and specifications comparison.

 Transition from MELSEC FX3 Series to MELSEC iQ-F Series Handbook

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**REVISIONS**

Version	Date of Issue	Revision
A	April 2026	First edition

**TRADEMARKS**

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