

[Issue No.] HIME-T-P-0119A

[Title] Replacing micro PLC FX1s with FX3s

[Date of Issue] April 2019

[Relevant Models] MELSEC-F FX1s

Thank you for your continued support of programmable controller MELSEC-F series.  
 Typical substitute models and reference material applicable when considering to change from FX1s to FX3s Series are introduced here.

Products recommended in this document are general substitutes based on the specifications such as the number of inputs/outputs, program memory, and input/output type.  
 However, depending on the target application and operating conditions, products other than the substitutes recommended here may be more suitable. Also, there may be cases where the recommended substitute product is no longer appropriate due to release of new models and functionalities.  
 Consult with your local Mitsubishi Electric representative for further details on substitute products.

### 1. Applicable model (Series name)

Current model	Substitute model	Remarks (Always check the reference material for differences.)
FX1s	FX3s	<ul style="list-style-type: none"> <li>• FX3s has a larger program capacity than FX1s.</li> <li>• The device assignments and applicable versions of programming tool are different.</li> </ul>

**2. Substitute model**

When replacing the programmable controller FX1s series, it is recommended to replace the system with the FX3s series.

Products recommended in this document are general substitutes based on the specifications such as the number of inputs/outputs, program memory, and input/output type. However, depending on the target application and operating conditions, products other than the substitutes recommended here may be more suitable.

Refer to the [Points] below and select a substitute model that matches the required specifications.

[Points]

- ① Typical FX3s units that can replace the FX1s series and connectable models with a single model are listed as the "Recommended Substitute Models".
- ② The recommended substitute models for the function expansion board and special adaptor, etc., are items that can be connected to the main units of the FX3s Series.
- ③ Points requiring special attention when replacing each model are listed as "Special Notes". However, many recommended substitute models have different specifications, such as a smaller size than the conventional model. When considering which model to use, refer to the "Special Notes", and to the respective manuals for various specifications such as the dimensions and power supply.
- ④ Based on the above points, "No recommended substitute model" is indicated if there is no recommended substitute model. Depending on the application and system configuration, there may be possible substitutes in other FX3 series, so check the required functions and features, and select the substitute model.

**■List of recommended substitute models (Main units)**

FX1s Series		Recommended substitute models	Special Notes
Model name	Model		
Main units (AC power type)	FX1S-10MR	FX3S-10MR/ES*	
	FX1S-10MT	FX3S-10MT/ES*	
	FX1S-14MR	FX3S-14MR/ES*	
	FX1S-14MT	FX3S-14MT/ES*	
	FX1S-20MR	FX3S-20MR/ES*	
	FX1S-20MT	FX3S-20MT/ES*	
	FX1S-30MR	FX3S-30MR/ES*	
	FX1S-30MT	FX3S-30MT/ES*	
Main units (24 V DC power type)	FX1S-10MR-D	FX3S-10MR/DS*	
	FX1S-10MT-D	FX3S-10MT/DS*	
	FX1S-14MR-D	FX3S-14MR/DS*	
	FX1S-14MT-D	FX3S-14MT/DS*	
	FX1S-20MR-D	FX3S-20MR/DS*	
	FX1S-20MT-D	FX3S-20MT/DS*	
	FX1S-30MR-D	FX3S-30MR/DS*	
	FX1S-30MT-D	FX3S-30MT/DS*	



\* External wiring is added between the S/S terminal and 24 V terminal.

**■Expansion devices and optional devices requiring substitute when replacing main unit from FX1s to FX3s series**

FX1s Series		Recommended substitute models connectable to FX3s	Special Notes
Model name	Model		
Special adapters (RS-232C communication)	FX2NC-232ADP	FX3U-232ADP-MB	The FX3S-CNV-ADP is required for connecting to the recommended substitute model.
Special adapters (RS-485 communication)	FX2NC-485ADP	FX3U-485ADP-MB	The FX3S-CNV-ADP is required for connecting to the recommended substitute model.
Expansion board (special adapter connection)	FX1N-CNV-BD	FX3S-CNV-ADP	
Expansion board (input board)	FX1N-4EX-BD	FX3G-4EX-BD	
Expansion board (output board)	FX1N-2EYT-BD	FX3G-2EYT-BD	
Expansion board (analog input)	FX1N-2AD-BD	FX3G-2AD-BD	
Expansion board (analog output)	FX1N-1DA-BD	FX3G-1DA-BD	
Expansion board (analog volume)	FX1N-8AV-BD	FX3G-8AV-BD	
Expansion board (RS-232C communication)	FX1N-232-BD	FX3G-232-BD	
Expansion board (RS-422 communication)	FX1N-422-BD	FX3G-422-BD	
Expansion board (RS-485 communication)	FX1N-485-BD	FX3G-485-BD	
Memory cassette	FX1N-EEPROM-8L	FX3G-EEPROM-32L	
Display module	FX1N-5DM	FX3S-5DM	



**■Programming tool required when replacing main unit from FX1s to FX3s series**

FX1s Series		Recommended substitute models connectable to FX3s	Special Notes
Model name	Model		
Programming panel	FX-20P (-SET0)	FX-30P	Connect with enclosed FX-20P-CAB0
Programming software	FX-PCS/WIN	GX Developer Ver. 8*	Select FX3G and use Also connectable to FX1s
		GX Works2 (Ver. 1.492N and later)	Also connectable to FX1s
Programming software	GX Developer (earlier than Ver. 7)	GX Developer Ver. 8*	Select F3G and use Also connectable to FX1s
		GX Works2 (Ver. 1.492N and later)	Also connectable to FX1s

The following interface cable must be prepared separately for connection to a personal computer.

Personal computer side RS-232C : RS-232C/RS-422 converter FX-232-AWC(-H) + Cable F2-232CAB-1 + FX-422CAB0 or FX-422CAB-150

Personal computer side USB : For FX1s, FX-USB-AW (cable enclosed)

For FX3s, GT09-C30USB-5P, MR-J39USBL3M

\* There are restrictions and precautions for programming with GX Developer. Refer to "Technical bulletin No. HIME-T-P-0118".

**■Expansion devices usable when replacing main unit from FX1s to FX3s series**

Expansion devices of FX1s series are not compatible with FX3s main units. Please consider migration to FX3s series.

**■Expansion devices newly usable with FX3s series**

Memory with loader function	Analog input	Analog volume	Communication/network
FX3G-EEPROM-32L	FX3U-4AD-ADP*	FX3G-8AV-BD	FX3G-232-BD
Expansion input/output	FX3G-2AD-BD	Temperature sensor	FX3G-422-BD
FX3G-4EX-BD	Analog output	FX3U-4AD-PT-ADP*	FX3G-485-BD
FX3G-2EYT-BD	FX3U-4DA-ADP*	FX3U-4AD-PTW-ADP*	FX3G-485-BD-RJ
	FX3G-1DA-BD	FX3U-4AD-TC-ADP*	FX3U-232ADP-MB*
	Analog input/output	Display module	FX3U-485ADP-MB*
	FX3U-3A-ADP*	FX3S-5DM	FX3U-ENET-ADP*

\* The FX3s-CNV-ADP is required to connect the special adapter for the FX3s series.

## Recommended substitute models for export models

### ■List of recommended substitute models (Main unit for export)

FX1s Series		Recommended substitute models	Special Notes
Model name	Model		
Main units (AC power type) (sink/source input, relay output)	FX1s-10MR-ES/UL	FX3s-10MR/ES	
	FX1s-14MR-ES/UL	FX3s-14MR/ES	
	FX1s-20MR-ES/UL	FX3s-20MR/ES	
	FX1s-30MR-ES/UL	FX3s-30MR/ES	
Main units (AC power type) (sink/source input, transistor output (source))	FX1s-10MT-ESS/UL	FX3s-10MT/ESS	
	FX1s-14MT-ESS/UL	FX3s-14MT/ESS	
	FX1s-20MT-ESS/UL	FX3s-20MT/ESS	
	FX1s-30MT-ESS/UL	FX3s-30MT/ESS	
Main units (24 V DC power type) (sink/source input, relay output)	FX1s-10MR-DS	FX3s-10MR/DS	
	FX1s-14MR-DS	FX3s-14MR/DS	
	FX1s-20MR-DS	FX3s-20MR/DS	
	FX1s-30MR-DS	FX3s-30MR/DS	
Main units (24 V DC power type) (sink/source input, transistor output (source))	FX1s-10MT-DSS	FX3s-10MT/DSS	
	FX1s-14MT-DSS	FX3s-14MT/DSS	
	FX1s-20MT-DSS	FX3s-20MT/DSS	
	FX1s-30MT-DSS	FX3s-30MT/DSS	

### ■Programming tool required for replacing main unit from FX1s to FX3s series (for export)

Models usable with FX1s series		Recommended substitute models connectable to FX3s	Special Notes
Model name	Model		
Handy programming panel	FX-20P-E(-SET0)	FX-30P	Connect with enclosed FX-20P-CAB0
Programming software	FX-PCS/WIN-E (SW0PC-FXGP/ WIN-E)	GX Developer Ver. 8* (SW8D5C-GPPW-E)	Select FX3G and use Also connectable to FX1s
		GX Works2 (SW1DNC-GXW2-E)	Also connectable to FX1s
Programming software	GX Developer (earlier than Ver. 7) (SW□D5C-GPPW-E)	GX Developer Ver. 8* (SW8D5C-GPPW-E)	Select FX3G and use Also connectable to FX1s
		GX Works2 (SW1DNC-GXW2-E)	Also connectable to FX1s

The following interface cable must be prepared separately for connection to a personal computer.

Personal computer side RS-232C : RS-232C/RS-422 converter FX-232-AWC(-H) + Cable F2-232CAB-1 + FX-422CAB0 or FX-422CAB-150

Personal computer side USB : For FX1s, FX-USB-AW (cable enclosed)

For FX3s, GT09-C30USB-5P, MR-J39USBL3M

\* There are restrictions and precautions for programming with GX Developer. Refer to "Technical bulletin No. HIME-T-P-0118".

### ■Expansion devices usable when replacing main unit from FX1s to FX3s series

Expansion devices of FX1s series are not compatible with FX3s main units. Please consider migration to FX3s series.

**■Expansion devices newly usable with FX3s series**

Memory with loader function	Analog input	Analog volume	Communication/network
FX3G-EEPROM-32L	FX3U-4AD-ADP*	FX3G-8AV-BD	FX3G-232-BD
Expansion input/output	FX3G-2AD-BD	Temperature sensor	FX3G-422-BD
FX3G-4EX-BD	Analog output	FX3U-4AD-PT-ADP*	FX3G-485-BD
FX3G-2EYT-BD	FX3U-4DA-ADP*	FX3U-4AD-PTW-ADP*	FX3G-485-BD-RJ
	FX3G-1DA-BD	FX3U-4AD-TC-ADP*	FX3U-232ADP-MB*
	Analog input/output	Display module	FX3U-485ADP-MB*
	FX3U-3A-ADP*	FX3S-5DM	FX3U-ENET-ADP*

\* The FX3S-CNV-ADP is required to connect the special adapter for the FX3s series.

**3. Materials regarding substitute**

- Obtaining materials regarding substitute
  - Materials (including manuals) regarding substitute can be obtained from the 三菱電機FAサイト (Japan domestic site).
  - The catalog “FXリニューアルガイド” (Japanese version) 姫-SH009 can be downloaded from the 三菱電機FAサイト (Japan domestic site).
  - Materials (including manuals) regarding substitute can be obtained from the MITSUBISHI ELECTRIC FA Global Website (English site).
- The product specifications for the FX1S and FX3S series can be compared using “製品検索” on the 三菱電機FAサイト (Japan domestic site).
- For expansion models, the FX3s expansion devices can be selected from “機種選定システム” on the 三菱電機FAサイト (Japan domestic site).

## ■FX1s series related

Language	Reference material		Contents
	Manual name (manual number)		
English	Main unit	FX1s HARDWARE MANUAL (Manual No.:JY992D83901)	Describes FX1s series input/output specifications, and hardware including wiring and installation.
	Analog input/ output	FX1N-2AD-BD USER'S MANUAL (Manual No.:JY992D96201)	Describes FX1N-2AD-BD type analog input board component names, dimensions, installation, and specifications.
		FX1N-1DA-BD USER'S MANUAL (Manual No.:JY992D96401)	Describes FX1N-1DA -BD type analog output board component names, dimensions, installation, and specifications.
		FX1N-8AV-BD MANUAL (Manual No.:JY992D84601)	Describes FX1N-8AV-BD type analog volume component names, dimensions, installation, and specifications.
	Communication	FX1N-232-BD USER'S GUIDE (Manual No.:JY992D84401)	Describes FX1N-232-BD type RS-232C communication board component names, dimensions, installation, and specifications.
		FX1N-422-BD USER'S GUIDE (Manual No.:JY992D84101)	Describes FX1N-422-BD type RS-422 communication board component names, dimensions, installation, and specifications.
		FX1N-485-BD USER'S GUIDE (Manual No.:JY992D84201)	Describes FX1N-485 -BD type RS-485 communication board component names, dimensions, installation, and specifications.
	Program	THE FX SERIES OF PROGRAMMABLE CONTROLLER PROGRAMMING MANUAL II (FX1S/FX1N/FX2N/FX2NC) (Manual No.:JY992D88101)	Describes program including basic instructions, step ladder instructions, application instructions, and explanations on various devices for the FX1S, FX1N, FX2N, FX1NC, and FX2NC series.
	Japanese	Main unit	FX1sシリーズハンディマニュアル (マニュアル番号:JY992D83801)
Analog input/ output		FX1N-2AD-BD ユーザーズマニュアル (マニュアル番号:JY992D96101)	Describes FX1N-2AD-BD type analog input board component names, dimensions, installation, and specifications.
		FX1N-1DA-BD ユーザーズマニュアル (マニュアル番号:JY992D96301)	Describes FX1N-1DA -BD type analog output board component names, dimensions, installation, and specifications.
		FX1N-8AV-BD ユーザーズマニュアル (マニュアル番号:JY992D84601)	Describes FX1N-8AV-BD type analog volume component names, dimensions, installation, and specifications.
Communication		FX1N-232-BD ユーザーズガイド (マニュアル番号:JY992D84401)	Describes FX1N-232-BD type RS-232C communication board component names, dimensions, installation, and specifications.
		FX1N-422-BDハードウェアマニュアル (マニュアル番号:JY992D84001)	Describes FX1N-422-BD type RS-422 communication board component names, dimensions, installation, and specifications.
		FX1N-485-BD ユーザーズガイド (マニュアル番号:JY992D84201)	Describes FX1N-485 -BD type RS-485 communication board component names, dimensions, installation, and specifications.
Program		FX1S/FX1N/FX2N/FX1NC/FX2NCシリーズ プ ログラミングマニュアル (マニュアル番号:JY992D62001)	Describes program including basic instructions, step ladder instructions, application instructions, and explanations on various devices for the FX1S, FX1N, FX2N, FX1NC, and FX2NC series.

Use the manual numbers (JY992D11701, etc.) listed above when searching for manuals in the 三菱電機FAサイト (Japan domestic site).

At the end of the search result number, an alphabetic character is added to indicate the sub-No. Ex.) "A" indicates the first edition, followed by B, C, and so forth in order of revision.

The product series name and model indicated in the above manual name can be used when searching each manual on the Mitsubishi Electric FA Global website.

■FX3s series related

Language	Reference material		Contents
	Manual name (manual number)		
English	Main unit	FX3S SERIES USER'S MANUAL - Hardware Edition (Manual No.:JY997D48601)	Describes FX3s series input/output specifications, and hardware including wiring and installation.
	Expansion input/output	FX3G-4EX-BD USER'S MANUAL (Manual No.:JY997D51301)	Describes FX3G-4EX-BD type expansion input board component names, dimensions, installation, and specifications.
		FX3G-2EYT-BD USER'S MANUAL (Manual No.:JY997D51401)	Describes FX3G-2EYT-BD type expansion output board component names, dimensions, installation, and specifications.
	Analog input/output	FX3S/FX3G/FX3GC/FX3U/FX3UC SERIES USER'S MANUAL - Analog Control Edition (Manual No.:JY997D16701)	Describes handling analog control related to FX3s, FX3G, FX3GC, FX3U, and FX3UC series.
		FX3G-2AD-BD INSTALLATION MANUAL (Manual No.:JY997D33501)	Describes FX3G-2AD-BD type analog input board component names, dimensions, installation, and specifications.
		FX3G-1DA-BD INSTALLATION MANUAL (Manual No.:JY997D33601)	Describes FX3G-1DA-BD type analog output board component names, dimensions, installation, and specifications.
		FX3G-8AV-BD INSTALLATION MANUAL (Manual No.:JY997D33701)	Describes FX3G-8AV-BD type analog volume component names, dimensions, installation, and specifications.
		FX3U-3A-ADP USER'S MANUAL (Manual No.:JY997D35601)	Describes FX3U-3A-ADP type analog input/output adapter component names, dimensions, installation, and specifications.
		FX3U-4AD-ADP USER'S MANUAL (Manual No.:JY997D13901)	Describes FX3U-4AD-ADP type analog input adapter component names, dimensions, installation, and specifications.
		FX3U-4DA-ADP USER'S MANUAL (Manual No.:JY997D14001)	Describes FX3U-4DA-ADP type analog output adapter component names, dimensions, installation, and specifications.
		Analog input	FX3U-4AD-PT-ADP USER'S MANUAL (Manual No.:JY997D14701)
	FX3U-4AD-PTW-ADP USER'S MANUAL (Manual No.:JY997D29101)		Describes FX3U-4AD-PTW-ADP type temperature sensor input adapter component names, dimensions, installation, and specifications.
	FX3U-4AD-TC-ADP USER'S MANUAL (Manual No.:JY997D14801)		Describes FX3U-4AD-TC-ADP type temperature sensor input adapter component names, dimensions, installation, and specifications.
	Display module	FX3S-5DM INSTALLATION MANUAL (Manual No.:JY997D51601)	Describes FX3s-5DM type display module component names, dimensions, installation, and specifications.



Language	Reference material		Contents
	Manual name (manual number)		
English	Communication	FX SERIES USER'S MANUAL - Data Communication Edition (Manual No.:JY997D16901)	Describes configuration, functions, and program examples for simple PC-PC link, parallel link, computer link, inverter communication, non-procedure communication, and programming communication.
		FX3G-232-BD INSTALLATION MANUAL (Manual No.:JY997D32001)	Describes FX3G-232-BD type RS-232C communication board component names, dimensions, installation, and specifications.
		FX3G-422-BD INSTALLATION MANUAL (Manual No.:JY997D32101)	Describes FX3G-422-BD type RS-422 communication board component names, dimensions, installation, and specifications.
		FX3G-485-BD INSTALLATION MANUAL (Manual No.:JY997D32201)	Describes FX3G-485-BD type RS-485 communication board component names, dimensions, installation, and specifications.
		FX3G-485-BD-RJ INSTALLATION MANUAL (Manual No.:JY997D51501)	Describes FX3G-485-BD-RJ type RJ45 connector type RS-485 communication board component names, dimensions, installation, and specifications.
		FX3U-232ADP-MB INSTALLATION MANUAL (Manual No.:JY997D26401)	Describes FX3U-232ADP-MB type RS-232C communication adapter component names, dimensions, installation, and specifications.
		FX3U-485ADP-MB INSTALLATION MANUAL (Manual No.:JY997D26301)	Describes FX3U-485ADP-MB type RS-485 communication adapter component names, dimensions, installation, and specifications.
		FX3U-ENET-ADP INSTALLATION MANUAL (Manual No.:JY997D47401)	Describes FX3U-ENET-ADP type Ethernet connection adapter component names, dimensions, installation, and specifications.
	Program	FX3S/FX3G/FX3GC/FX3U/FX3UC SERIES PROGRAMMING MANUAL - Basic & Applied Instructions Edition (Manual No.:JY997D16601)	Describes program including basic instructions, step ladder instructions, application instructions, and explanations on various devices for the FX3S, FX3G, FX3GC, FX3U, and FX3UC series.
		FX-30P OPERATION MANUAL (Manual No.:JY997D34401)	Describes information related to program including basic instructions, step ladder instructions, and application instructions using list editing.
Japanese	Main unit	FX3Sシリーズユーザーズマニュアル [ハードウェア編] (マニュアル番号:JY997D48501)	Describes FX3S series input/output specifications, and hardware including wiring and installation.
	Expansion input/output	FX3G-4EX-BD ユーザーズマニュアル (マニュアル番号:JY997D51301)	Describes FX3G-4EX-BD type expansion input board component names, dimensions, installation, and specifications.
		FX3G-2EYT-BD ユーザーズマニュアル (マニュアル番号:JY997D51401)	Describes FX3G-2EYT-BD type expansion output board component names, dimensions, installation, and specifications.
	Analog input/output	FX3S・FX3G・FX3GC・FX3U・FX3UC シリーズ ユーザーズマニュアル [アナログ制御編] (マニュアル番号:JY997D15201)	Describes handling analog control related to FX3S, FX3G, FX3GC, FX3U, and FX3UC series.
		FX3G-2AD-BD インストレーションマニュアル (マニュアル番号:JY997D33501)	Describes FX3G-2AD-BD type analog input board component names, dimensions, installation, and specifications.
		FX3G-1DA-BD インストレーションマニュアル (マニュアル番号:JY997D33601)	Describes FX3G-1DA-BD type analog output board component names, dimensions, installation, and specifications.

Language	Reference material		Contents
	Manual name (manual number)		
Japanese	Analog input/output	FX3G-8AV-BD インストールマニュアル (マニュアル番号:JY997D33701)	Describes FX3G-8AV-BD type analog volume component names, dimensions, installation, and specifications.
		FX3U-3A-ADP ユーザーズマニュアル (マニュアル番号:JY997D35601)	Describes FX3U-3A-ADP type analog input/output adapter component names, dimensions, installation, and specifications.
		FX3U-4AD-ADP ユーザーズマニュアル (マニュアル番号:JY997D13901)	Describes FX3U-4AD-ADP type analog input adapter component names, dimensions, installation, and specifications.
		FX3U-4DA-ADP ユーザーズマニュアル (マニュアル番号:JY997D14001)	Describes FX3U-4DA-ADP type analog output adapter component names, dimensions, installation, and specifications.
	Analog input	FX3U-4AD-PT-ADP ユーザーズマニュアル (マニュアル番号:JY997D14701)	Describes FX3U-4AD-PT-ADP type temperature sensor input adapter component names, dimensions, installation, and specifications.
		FX3U-4AD-PTW-ADP ユーザーズマニュアル (マニュアル番号:JY997D29101)	Describes FX3U-4AD-PTW-ADP type temperature sensor input adapter component names, dimensions, installation, and specifications.
		FX3U-4AD-TC-ADP ユーザーズマニュアル (マニュアル番号:JY997D14801)	Describes FX3U-4AD-TC-ADP type temperature sensor input adapter component names, dimensions, installation, and specifications.
	Display module	FX3S-5DM インストールマニュアル (マニュアル番号:JY997D51601)	Describes FX3S-5DM type display module component names, dimensions, installation, and specifications.
	Communication	FXシリーズユーザーズマニュアル [通信制御編] (マニュアル番号:JY997D13301)	Describes configuration, functions, and program examples for simple PC-PC link, parallel link, computer link, inverter communication, non-procedure communication, and programming communication.
		FX3G-232-BD インストールマニュアル (マニュアル番号:JY997D32001)	Describes FX3G-232-BD type RS-232C communication board component names, dimensions, installation, and specifications.
		FX3G-422-BD インストールマニュアル (マニュアル番号:JY997D32101)	Describes FX3G-422-BD type RS-422 communication board component names, dimensions, installation, and specifications.
		FX3G-485-BD インストールマニュアル (マニュアル番号:JY997D32201)	Describes FX3G-485-BD type RS-485 communication board component names, dimensions, installation, and specifications.
		FX3G-485-BD-RJ インストールマニュアル (マニュアル番号:JY997D51501)	Describes FX3G-485-BD-RJ type RJ45 connector type RS-485 communication board component names, dimensions, installation, and specifications.
		FX3U-232ADP-MB インストールマニュアル (マニュアル番号:JY997D26401)	Describes FX3U-232ADP-MB type RS-232C communication adapter component names, dimensions, installation, and specifications.
FX3U-485ADP-MB インストールマニュアル (マニュアル番号:JY997D26301)		Describes FX3U-485ADP-MB type RS-485 communication adapter component names, dimensions, installation, and specifications.	
	FX3U-ENET-ADP インストールマニュアル (マニュアル番号:JY997D47401)	Describes FX3U-ENET-ADP type Ethernet connection adapter component names, dimensions, installation, and specifications.	

Language	Reference material		Contents
	Manual name (manual number)		
Japanese	Program	FX3S•FX3G•FX3GC•FX3U•FX3UC シリーズ プログラミングマニュアル [基本・応用命令 解説編] (マニュアル番号:JY997D11701)	Describes program including basic instructions, step ladder instructions, application instructions, and explanations on various devices for the FX3S, FX3G, FX3GC, FX3U, and FX3UC series.
		FX-30P オペレーションマニュアル (マニュアル番号:JY997D34301)	Describes information related to program including basic instructions, step ladder instructions, and application instructions using list editing

Use the manual numbers (JY997D11701, etc.) listed above when searching for manuals in the 三菱電機FAサイト (Japan domestic site).

At the end of the search result number, an alphabetic character is added to indicate the sub-No. Ex.) "A" indicates the first edition, followed by B, C, and so forth in order of revision.

The product series name and model indicated in the above manual name can be used when searching each manual on the Mitsubishi Electric FA Global website.

**REVISIONS**

Revision	Date	Description
A	April 2019	First edition

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