MITSUBISHI ELECTRIC

TECHNICAL BULLETIN

FAM-A-0099-A

Compliance with Substances Banned by the Stockholm Convention on Persistent Organic Pollutants, Dechlorane Plus and UV-328

■Date of Issue

November 2024

■Relevant Models

MELSEC iQ-F series, MELSEC-F series, α2 series, network products

Thank you for your continued support of Mitsubishi Electric programmable controllers of MELSEC iQ-F series, MELSEC-F series, α2 series, and network products.

This technical bulletin informs you of compliance with substances that were added to Annex A (Elimination) of the Stockholm Convention on Persistent Organic Pollutants.

There is no impact on the general specifications, performance specifications, functions, and external dimensions of products due to the change.

1 ADDITION OF BANNED SUBSTANCES TO THE STOCKHOLM CONVENTION ON PERSISTENT ORGANIC PULLUTANTS

On February 26, 2024, the Secretary-General of the United Nations notified UN member states that three substances (Dechlorane plus, UV-328, and Methoxychlor) were added to Annex A (Elimination) of the Stockholm Convention on Persistent Organic Pollutants.

The contracting parties to the Convention are required to incorporate the content and commencement date of the regulation into laws and regulations of each party within one year of the notification of the United Nations (by February 26, 2025). If the products that contain the above three substances are regulated by laws and regulations of each party, those products cannot be distributed and sold after launch.

2 COMPLIANCE WITH THE ADDED SUBSTANCES

The product components that contain Dechlorane plus will be changed to components that do not contain the substance.

The product components that contain UV-328 are not changed to components that do not contain the substance because the use of those components is excluded from application of the Stockholm Convention on Persistent Organic Pollutants.

Our product does not contain Methoxychlor.

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3 RELEVANT MODELS

The following table lists the models whose components contain the target substances. For models not listed in the table below, we have confirmed that they do not contain the target substances in their current specifications.
○: Contained, —: Not contained

Relevant model			Banned substance	
Series	**Product**	**Model**	**Dechlorane plus**	**UV-328**
MELSEC iQ-F	Positioning module (Transistor output)	FX5-20PG-P	○	—
	Positioning module (Differential driver output)	FX5-20PG-D	○	—
	PROFIBUS-DP master module	FX5-DP-M	○	—
MELSEC-F	CC-Link system master block	FX3U-16CCL-M	○	—
	CC-Link system interface block	FX3U-64CCL	○	—
	PROFIBUS-DP master block	FX3U-64DP-M	○	—
	PROFIBUS-DP interface block	FX3U-32DP	○	—
	CANopen system interface block	FX3U-CAN	○	—
	J1939 system interface block	FX3U-J1939	○	—
	Extension power supply unit	FX3U-1PSU-5V	○	—
	Main unit with the CC-Link/LT built-in master function	FX3UC-32MT-LT	—	○*1
		FX3UC-32MT-LT-2	—	○*1
	Display module	FX3U-7DM	—	○*1
	Handy programming panel (HPP)	FX-30P	—	○*1
α2	Main unit	AL2-10MR-D	○	○*1
		AL2-10MR-A	○	○*1
		AL2-14MR-D	○	○*1
		AL2-14MR-A	○	○*1
		AL2-24MR-D	○	○*1
		AL2-24MR-A	○	○*1
Network Products	CC-Link/LT dedicated power supply	CL1PSU-2A	○	—
	Terminal block type composite I/O module (24VDC input and relay output)	CL1XY4-DR1B2	○	—
		CL1XY8-DR1B2	○	—
	Terminal block type relay output module	CL1Y4-R1B1	○	—
		CL1Y4-R1B2	○	—

*1 The crystal liquid TAC film of the product contains UV-328. The use, however, is excluded from application of the Stockholm Convention on Persistent Organic Pollutants. Thus, we will not replace components.

4 SCHEDULE

We will change target components sequentially to complete by February 26, 2025.
Please contact your local representative to check whether the product is before or after the change.

5 PRECAUTIONS

When exporting the relevant models or the equipment with the relevant models, comply with the laws and regulations of each country regarding the Convention.

REVISIONS

Version	Date of Issue	Revision
A	November 2024	First edition

TRADEMARKS

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