



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

■Date of Issue

October 2024

■Relevant Models

MELSEC iQ-R series, MELSEC-Q series, MELSEC-L series, MELSEC-A series, Network products, MELIPC series

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Thank you for your continued support of Mitsubishi Electric programmable controllers of MELSEC iQ-R series, MELSEC-Q series, MELSEC-L series, and MELSEC-A series, Network products, and Mitsubishi Electric industrial computer MELIPC series.

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 POLLUTANTS

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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

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The product components that contain Dechlorane plus and/or UV-328 will be changed to components that do not contain these substances.

Our product does not contain Methoxychlor.

### 3 RELEVANT MODELS

The following table lists the models whose components will be changed to those without 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.

#### 3.1 MELSEC iQ-R Series

○: Contained, —: Not contained

Relevant model		Banned substance	
Product	Model	Dechlorane plus	UV-328
Positioning module	RD75P2	○	—
	RD75P4	○	—
	RD75D2	○	—
	RD75D4	○	—
High-speed counter module	RD62D2	○	—
	RD62P2E	○	—
Flexible high-speed I/O control module	RD40PD01	○	—
Channel isolated analog-digital converter module	R60AD8-G	○	—
	R60AD16-G	○	—
Channel isolated distributor	R60AD6-DG	○	—
Channel isolated digital-analog converter module	R60DA8-G	○	—
	R60DA16-G	○	—
Channel isolated thermocouple input module	R60TD8-G	○	—
Channel isolated RTD input module	R60RD8-G	○	—
Serial communication module	RJ71C24	○	—
	RJ71C24-R4	○	—
DeviceNet master/slave module	RJ71DN91	○	—
PROFIBUS-DP module	RJ71PB91V	○	—
CANopen module	RJ71CN91	○	—
Power supply module	R61P	—	○
	R62P	○	—
	R63P	—	○
	R64P	—	○
Redundant power supply module	R63RP	—	○
	R64RP	—	○
Transistor high-speed output module (sink type)	RY41NT2H	○	—
Transistor high-speed output module (source type)	RY41PT2H	○	—

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### 3.2 MELSEC-Q Series

○: Contained, —: Not contained

Relevant model		Banned substance	
Product	Model	Dechlorane plus	UV-328
Positioning module	QD75P1N	○	—
	QD75P2N	○	—
	QD75P4N	○	—
	QD75D1N	○	—
	QD75D2N	○	—
	QD75D4N	○	—
	QD70P4	○	—
	QD70P8	○	—
	QD70D4	○	—
	QD70D8	○	—
Positioning module (analog output type)	QD73A1	○	—
4Mpps capable high-speed counter module	QD64D2	○	—
Digital-analog converter module	Q62DAN	○	—
	Q64DAN	○	—
	Q68DAVN	○	—
	Q68DAIN	○	—
CT input module	Q68CT	○	—
PROFIBUS-DP slave module	QJ71PB93D	○	—
Serial communication module	QJ71C24N	○	—
	QJ71C24N-R4	○	—
PROFIBUS-DP master module	QJ71PB92V	○	—
MODBUS interface module	QJ71MB91	○	—
MELSECNET/H network module	QJ71NT11B	○	—
Power supply module	Q61P	○	○
	Q63P	○	—
	Q64PN	○	○
Life detection power supply module	Q61P-D	○	○
Redundant power supply module	Q63RP	○	—
	Q64RPN	○	○
Transistor high-speed output module (sink type)	QY41H	○	—

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### 3.3 MELSEC-L Series

○: Contained, —: Not contained

Relevant model		Banned substance	
Product	Model	Dechlorane plus	UV-328
Positioning module	LD75P1	○	—
	LD75P2	○	—
	LD75P4	○	—
	LD75D1	○	—
	LD75D2	○	—
	LD75D4	○	—
High-speed counter module	LD62D	○	—
RTD input module	L60RD8	○	—
Flexible high-speed I/O control module	LD40PD01	○	—
Serial communication module	LJ71C24	○	—
CC-Link system master/local module	LJ61BT11	○	—
Power supply module	L61P	○	○
	L63P	○	○
CPU module	L02SCPU	○	—
	L02CPU	○	—
	L06CPU	○	—
	L26CPU	○	—
	L02SCPU-P	○	—
	L02CPU-P	○	—
	L06CPU-P	○	—
	L26CPU-P	○	—
	L26CPU-BT	○	—
	L26CPU-PBT	○	—
CPU packages	L02CPU-SET	○	○
	L06CPU-SET	○	○
	L26CPU-SET	○	○
	L02CPU-P-SET	○	○
	L06CPU-P-SET	○	○
	L26CPU-P-SET	○	○
	L26CPU-BT-SET	○	○
	L26CPU-PBT-SET	○	○
Display unit	L6DSPU	—	○
RS-422/485 adapter	L6ADP-R4	○	—

### 3.4 MELSEC-A Series

○: Contained, —: Not contained

Relevant model		Banned substance	
Product	Model	Dechlorane plus	UV-328
Power supply module	A61PN	○	○
Redundant power supply module	A61RP	○	○

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### 3.5 Network Products

○: Contained, —: Not contained

Relevant model		Banned substance	
Product	Model	Dechlorane plus	UV-328
CC-Link digital-analog converter module	AJ65SBT2B-64DA	○	—
CC-Link RTD input module	AJ65SBT2B-64RD3	○	—
CC-Link-AnyWire DB A20 Bridge module	NZ2AW1C2D2	○	—
CC-Link IE Field Network high-speed counter module	NZ2GF2S-D62PD2	○	—
CC-Link IE Field Network multiple input module	NZ2GF2S-60MD4	○	—
CC-Link IE Field Network-CC-Link bridge module	NZ2GF-CCB	○	—
CC-Link system optical repeater module	AJ65SBT-RPS	○	—
	AJ65SBT-RPG	○	—
CC-Link system repeater (T-junction) module	AJ65SBT-RPT	○	—
CC-Link-CC-Link/LT bridge module	AJ65SBT-CLB	○	—
RS-232 interface module	AJ65BT-R2N	○	—
CC-Link remote I/O module (DC input, terminal block)	AJ65SBTB1-8D	○	—
	AJ65SBTB1-16D	○	—
	AJ65SBTB1-32D	○	—
	AJ65SBTB1-16D1	○	—
	AJ65SBTB1-32D1	○	—
	AJ65SBTB1-32D5	○	—
	AJ65SBTB1-32KD	○	—
	AJ65SBTB3-8D	○	—
	AJ65SBTB3-16D	○	—
	AJ65SBTB3-16KD	○	—
CC-Link remote I/O module (DC input, one-touch connector)	AJ65SBTC1-32D	○	—
	AJ65SBTC1-32D1	○	—
	AJ65VBTCU3-16D1	○	—
CC-Link remote I/O module (transistor output, terminal block)	AJ65SBTB1-8T	○	—
	AJ65SBTB1-16T	○	—
	AJ65SBTB1-32T	○	—
	AJ65SBTB1-8T1	○	—
	AJ65SBTB1-16T1	○	—
	AJ65SBTB1-32T1	○	—
	AJ65SBTB1-8TE	○	—
	AJ65SBTB1-16TE	○	—
	AJ65SBTB1-32TE1	○	—
	AJ65SBTB1B-16TE1	○	—
	AJ65SBTB2-8T	○	—
	AJ65SBTB2-16T	○	—
	AJ65SBTB2-8T1	○	—
	AJ65SBTB2-16T1	○	—
CC-Link remote I/O module (AC input, terminal block)	AJ65SBTB2N-8A	○	—
	AJ65SBTB2N-16A	○	—
CC-Link remote I/O module (DC input, waterproof connector)	AJ65FBTA4-16D	○	—
	AJ65FBTA4-16DE	○	—
CC-Link remote I/O module (transistor output, waterproof connector)	AJ65FBTA2-16TE	○	—
CC-Link remote I/O module (DC input/transistor output, waterproof connector)	AJ65FBTA42-16DTE	○	—
CC-Link remote I/O module (transistor output, one-touch connector)	AJ65VBTCU2-16T	○	—
	AJ65SBTC1-32T1	○	—

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Relevant model		Banned substance	
Product	Model	Dechlorane plus	UV-328
CC-Link remote I/O module (DC input/transistor output, 40-pin connector)	AJ65VBTCF1-32DT1	○	—
	AJ65VBTCFJ1-32DT1	○	—
CC-Link embedded I/O module (DC input)	AJ65MBTL1N-16D	○	—
	AJ65MBTL1N-32D	○	—
CC-Link embedded I/O module (transistor output)	AJ65MBTL1N-16T	○	—
	AJ65MBTL1N-32T	○	—
CC-Link embedded I/O module (DC input/transistor output)	AJ65MBTL1N-16DT	○	—
CC-Link remote I/O module (DC input/transistor output, terminal block)	AJ65SBTB1-16DT	○	—
	AJ65SBTB1-32DT	○	—
	AJ65SBTB1-16DT1	○	—
	AJ65SBTB1-32DT1	○	—
	AJ65SBTB1-16DT2	○	—
	AJ65SBTB1-32DT2	○	—
	AJ65SBTB1-16DT3	○	—
	AJ65SBTB1-32DT3	○	—
	AJ65SBTB1-32DTE1	○	—
	AJ65SBTB1-32KDT2	○	—
	AJ65SBTB32-8DT	○	—
	AJ65SBTB32-16DT	○	—
	AJ65SBTB32-8DT2	○	—
	AJ65SBTB32-16DT2	○	—
CC-Link remote I/O module (DC input/transistor output, one-touch connector)	AJ65SBTC1-32DT3	○	—
	AJ65SBTC4-16DE	○	—
	AJ65SBTC4-16DT2	○	—
CC-Link remote I/O module (DC input, spring clamp terminal block)	AJ65VBTS3-16D	○	—
	AJ65VBTS3-32D	○	—
CC-Link remote I/O module (transistor output, spring clamp terminal block)	AJ65VBTS2-16T	○	—
	AJ65VBTS2-32T	○	—
CC-Link remote I/O module (DC input/transistor output, spring clamp terminal block)	AJ65VBTS32-16DT	○	—
	AJ65VBTS32-32DT	○	—
CC-Link remote I/O module (DC input, sensor connector (e-CON))	AJ65VBTC3-8D	○	—
	AJ65VBTC3-16D	○	—
	AJ65VBTC3-32D	○	—
	AJ65VBTC3-16DE	○	—
	AJ65VBTC3-32DE	○	—
CC-Link remote I/O module (transistor output, sensor connector (e-CON))	AJ65VBTC2-8T	○	—
	AJ65VBTC2-16T	○	—
	AJ65VBTC3-16TE	○	—
CC-Link remote I/O module (DC input/transistor output, sensor connector (e-CON))	AJ65VBTC3-32DTE	○	—
	AJ65VBTC32-16DT	○	—
	AJ65VBTC32-32DT	○	—
CC-Link remote I/O module (contact output, terminal block)	AJ65SBTB2N-8R	○	—
	AJ65SBTB2N-16R	○	—
CC-Link remote I/O module (triac output, terminal block)	AJ65SBTB2N-8S	○	—
	AJ65SBTB2N-16S	○	—
CC-Link remote I/O module (DC input/contact output, terminal block)	AJ65SBTB32-16DR	○	—
	AJ65SBTB32-16KDR	○	—
CC-Link remote I/O module (DC input, A2C form terminal block)	AJ65DBTB1-32D	○	—
CC-Link remote I/O module (transistor output, A2C form terminal block)	AJ65DBTB1-32T1	○	—

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Relevant model		Banned substance	
Product	Model	Dechlorane plus	UV-328
CC-Link remote I/O module (DC input/transistor output, A2C form terminal block)	AJ65DBTB1-32DT1	○	—
CC-Link remote I/O module (DC input/contact output, A2C form terminal block)	AJ65DBTB1-32DR	○	—
CC-Link remote I/O module (contact output, A2C form terminal block)	AJ65DBTB1-32R	○	—
CC-Link remote I/O module with diagnostic functions (DC input, spring clamp terminal block)	AJ65ABTP3-16DE	○	—
	AJ65ABTP3-16D	○	—
CC-Link interface	WS0-GCC100202	○	—
CC-Link system master/local interface board	Q80BD-J61BT11N	○	—
	Q81BD-J61BT11	○	—

### 3.6 MELIPC Series

○: Contained, —: Not contained

Relevant model		Banned substance	
Product	Model	Dechlorane plus	UV-328
Power supply module for MI5000 replacement	MI5A1P	—	○

## 4 SCHEDULE

We will change target components sequentially to complete by February 26, 2025.

Please contact your local Mitsubishi Electric sales office or 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.

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**REVISIONS**

Version	Date of Issue	Revision
A	October 2024	First edition

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