MITSUBISHI ELECTRIC

TECHNICAL BULLETIN

FA-A-0479-C

Models that Comply or Do Not Comply with the Cybersecurity Law of the People's Republic of China for FA Integrated Controllers and Programmable Controllers

■Date of Issue

December 2025 (Ver. C: July 2026)

■Relevant Models

MELSEC MX Controller MX-R models, MELSEC MX Controller MX-F models, MELSEC iQ-R series, MELSEC iQ-F series, MELSEC-Q/L/F series

Thank you for your continued support of Mitsubishi Electric FA Integrated Controllers and programmable controllers.
This technical bulletin informs you of the models that comply with the Cybersecurity Law of the People's Republic of China and those that do not.
If models that do not comply with the law are included in exports to China, please consider replacing these models with alternative models.
The Cybersecurity Law of the People's Republic of China is a fundamental law that comprehensively regulates cybersecurity, data protection, and related matters from the perspective of China's national security. The programmable logic controllers (PLC) with basic operation instruction processing speed of 0.08μs or less are subject to the law.

1 MODELS THAT COMPLY WITH THE CYBERSECURITY LAW OF THE PEOPLE'S REPUBLIC OF CHINA

1.1 MELSEC-Q Series

Applicable model		
Model	**Program capacity**	**Peripheral connection port**
Q03UDVCPU	30k steps	USB, Ethernet
Q04UDVCPU	40k steps	USB, Ethernet
Q06UDVCPU	60k steps	USB, Ethernet
Q13UDVCPU	130k steps	USB, Ethernet
Q26UDVCPU	260k steps	USB, Ethernet
Q04UDPVCPU	40k steps	USB, Ethernet
Q06UDPVCPU	60k steps	USB, Ethernet
Q13UDPVCPU	130k steps	USB, Ethernet
Q26UDPVCPU	260k steps	USB, Ethernet

1.2 MELSEC iQ-R Series

Applicable model		
Model	**Program capacity**	**Peripheral connection port**
R00CPU	10k steps	USB, Ethernet
R01CPU	15k steps	USB, Ethernet
R02CPU	20k steps	USB, Ethernet
R04CPU	40k steps	USB, Ethernet
R08CPU	80k steps	USB, Ethernet
R16CPU	160k steps	USB, Ethernet
R32CPU	320k steps	USB, Ethernet
R120CPU	1200k steps	USB, Ethernet
R04ENCPU	40k steps	USB, Ethernet
R08ENCPU	80k steps	USB, Ethernet
R16ENCPU	160k steps	USB, Ethernet
R32ENCPU	320k steps	USB, Ethernet
R120ENCPU	1200k steps	USB, Ethernet
R08SFCPU	80k steps	USB, Ethernet
R16SFCPU	160k steps	USB, Ethernet
R32SFCPU	320k steps	USB, Ethernet
R120SFCPU	1200k steps	USB, Ethernet
R08PCPU	80k steps	USB, Ethernet
R16PCPU	160k steps	USB, Ethernet
R32PCPU	320k steps	USB, Ethernet
R120PCPU	1200k steps	USB, Ethernet

1.3 MELSEC iQ-F Series

Applicable model		
Model	**Program capacity**	**Peripheral connection port**
FX5U-32MR/ES	64k steps/128k steps	RS-485, Ethernet
FX5U-32MT/ES	64K steps/128K steps	RS-485, Ethernet
FX5U-32MT/ESS	64k steps/128k steps	RS-485, Ethernet
FX5U-32MR/DS	64k steps/128k steps	RS-485, Ethernet
FX5U-32MT/DS	64k steps/128k steps	RS-485, Ethernet
FX5U-32MT/DSS	64k steps/128k steps	RS-485, Ethernet
FX5U-64MR/ES	64k steps/128k steps	RS-485, Ethernet
FX5U-64MT/ES	64k steps/128k steps	RS-485, Ethernet
FX5U-64MT/ESS	64k steps/128k steps	RS-485, Ethernet
FX5U-64MR/DS	64k steps/128k steps	RS-485, Ethernet
FX5U-64MT/DS	64k steps/128k steps	RS-485, Ethernet
FX5U-64MT/DSS	64k steps/128k steps	RS-485, Ethernet
FX5U-80MR/ES	64k steps/128k steps	RS-485, Ethernet
FX5U-80MT/ES	64k steps/128k steps	RS-485, Ethernet
FX5U-80MT/ESS	64k steps/128k steps	RS-485, Ethernet
FX5U-80MR/DS	64k steps/128k steps	RS-485, Ethernet
FX5U-80MT/DS	64k steps/128k steps	RS-485, Ethernet
FX5U-80MT/DSS	64k steps/128k steps	RS-485, Ethernet
FX5UC-32MT/D	64k steps/128k steps	RS-485, Ethernet
FX5UC-32MT/DSS	64k steps/128k steps	RS-485, Ethernet
FX5UC-32MT/DS-TS	64k steps/128k steps	RS-485, Ethernet
FX5UC-32MT/DSS-TS	64k steps/128k steps	RS-485, Ethernet
FX5UC-32MR/DS-TS	64k steps/128k steps	RS-485, Ethernet
FX5UC-64MT/D	64k steps/128k steps	RS-485, Ethernet
FX5UC-64MT/DSS	64k steps/128k steps	RS-485, Ethernet
FX5UC-96MT/D	64k steps/128k steps	RS-485, Ethernet
FX5UC-96MT/DSS	64k steps/128k steps	RS-485, Ethernet
FX5UJ-24MR/ES	48k steps	USB, Ethernet
FX5UJ-24MT/ES	48k steps	USB, Ethernet
FX5UJ-24MT/ESS	48k steps	USB, Ethernet
FX5UJ-24MR/DS	48k steps	USB, Ethernet
FX5UJ-24MT/DS	48k steps	USB, Ethernet
FX5UJ-24MT/DSS	48k steps	USB, Ethernet
FX5UJ-40MR/ES	48k steps	USB, Ethernet
FX5UJ-40MT/ES	48k steps	USB, Ethernet
FX5UJ-40MT/ESS	48k steps	USB, Ethernet
FX5UJ-40MR/DS	48k steps	USB, Ethernet
FX5UJ-40MT/DS	48k steps	USB, Ethernet
FX5UJ-40MT/DSS	48k steps	USB, Ethernet
FX5UJ-60MR/ES	48k steps	USB, Ethernet
FX5UJ-60MT/ES	48k steps	USB, Ethernet
FX5UJ-60MT/ESS	48k steps	USB, Ethernet
FX5UJ-60MR/DS	48k steps	USB, Ethernet
FX5UJ-60MT/DS	48k steps	USB, Ethernet
FX5UJ-60MT/DSS	48k steps	USB, Ethernet

1.4 MELSEC MX Controller MX-R Model and MX-F Model

Applicable model		
Model	**Program capacity**	**Peripheral connection port**
MXR300-16	100 Mbytes	USB, Ethernet
MXR300-32	100 Mbytes	USB, Ethernet
MXR300-64	100 Mbytes	USB, Ethernet
MXR500-128	150 Mbytes	USB, Ethernet
MXR500-256	150 Mbytes	USB, Ethernet
MXF100-8-N32	30 Mbytes	USB, Ethernet
MXF100-8-P32	30 Mbytes	USB, Ethernet
MXF100-16-N32	30 Mbytes	USB, Ethernet
MXF100-16-P32	30 Mbytes	USB, Ethernet
MXF100-8-N32-EC	30 Mbytes	USB, Ethernet
MXF100-16-N32-EC	30 Mbytes	USB, Ethernet

2 MODELS THAT DO NOT COMPLY WITH THE CYBERSECURITY LAW OF THE PEOPLE'S REPUBLIC OF CHINA AND ALTERNATIVE MODELS

2.1 MELSEC-Q Series

Applicable model			Alternative model		
Model	**Program capacity**	**Peripheral connection port**	**Model**	**Program capacity**	**Peripheral connection port**
Q00UCPU	10k steps	USB, RS-232	Q03UDVCPU	30k steps	USB, Ethernet
			R00CPU	10k steps	USB, Ethernet
Q01UCPU	15k steps	USB, RS-232	Q03UDVCPU	30k steps	USB, Ethernet
			R01CPU	15k steps	USB, Ethernet
Q02UCPU	20k steps	USB, RS-232	Q03UDVCPU	30k steps	USB, Ethernet
			R02CPU	20k steps	USB, Ethernet
Q03UDCPU	30k steps	USB, RS-232	Q03UDVCPU	30k steps	USB, Ethernet
			R04CPU	40k steps	USB, Ethernet
Q04UDHCPU	40k steps	USB, RS-232	Q04UDVCPU	40k steps	USB, Ethernet
			R04CPU	40k steps	USB, Ethernet
Q06UDHCPU	60k steps	USB, RS-232	Q06UDVCPU	60k steps	USB, Ethernet
			R08CPU	80k steps	USB, Ethernet
Q10UDHCPU	100k steps	USB, RS-232	Q13UDVCPU	130k steps	USB, Ethernet
			R16CPU	160k steps	USB, Ethernet
Q13UDHCPU	130k steps	USB, RS-232	Q13UDVCPU	130k steps	USB, Ethernet
			R16CPU	160k steps	USB, Ethernet
Q20UDHCPU	200k steps	USB, RS-232	Q26UDVCPU	260k steps	USB, Ethernet
			R32CPU	320k steps	USB, Ethernet
Q26UDHCPU	260k steps	USB, RS-232	Q26UDVCPU	260k steps	USB, Ethernet
			R32CPU	320k steps	USB, Ethernet
Q03UDECPU	30k steps	USB, Ethernet	Q03UDVCPU	30k steps	USB, Ethernet
			R04CPU	40k steps	USB, Ethernet
Q04UDEHCPU	40k steps	USB, Ethernet	Q04UDVCPU	40k steps	USB, Ethernet
			R04CPU	40k steps	USB, Ethernet
Q06UDEHCPU	60k steps	USB, Ethernet	Q06UDVCPU	60k steps	USB, Ethernet
			R08CPU	80k steps	USB, Ethernet
Q10UDEHCPU	100k steps	USB, Ethernet	Q13UDVCPU	130k steps	USB, Ethernet
			R16CPU	160k steps	USB, Ethernet
Q13UDEHCPU	130k steps	USB, Ethernet	Q13UDVCPU	130k steps	USB, Ethernet
			R16CPU	160k steps	USB, Ethernet
Q20UDEHCPU	200k steps	USB, Ethernet	Q26UDVCPU	260k steps	USB, Ethernet
			R32CPU	320k steps	USB, Ethernet
Q26UDEHCPU	260k steps	USB, Ethernet	Q26UDVCPU	260k steps	USB, Ethernet
			R32CPU	320k steps	USB, Ethernet
Q50UDEHCPU	500k steps	USB, Ethernet	Q26UDVCPU	260k steps	USB, Ethernet
			R120CPU	1200k steps	USB, Ethernet
Q100UDEHCPU	1000k steps	USB, Ethernet	Q26UDVCPU	260k steps	USB, Ethernet
			R120CPU	1200k steps	USB, Ethernet
Q170MCPU	20k steps	USB, RS-232, Ethernet	—	—	—
Q170MCPU-S1	30k steps	USB, RS-232, Ethernet	—	—	—
Q170MSCPU	30k steps	USB, RS-232, Ethernet	—	—	—
Q170MSCPU-S1	60k steps	USB, RS-232, Ethernet	—	—	—

2.2 MELSEC-L Series

Applicable model			Alternative model		
Model	**Program capacity**	**Peripheral connection port**	**Model**	**Program capacity**	**Peripheral connection port**
L02CPU, L02CPU-SET	20k steps	USB, Ethernet	R02CPU	20k steps	USB, Ethernet
			MXF100-8-N32	200k steps	USB, Ethernet
L06CPU, L06CPU-SET	60k steps	USB, Ethernet	R08CPU	80k steps	USB, Ethernet
			MXF100-8-N32	200k steps	USB, Ethernet
L06CPU-P, L06CPU-P-SET	60k steps	USB, Ethernet	R08CPU	80k steps	USB, Ethernet
			MXF100-8-P32	200k steps	USB, Ethernet
L26CPU, L26CPU-SET	260k steps	USB, Ethernet	R32CPU	320k steps	USB, Ethernet
			MXF100-8-N32	200k steps	USB, Ethernet
L26CPU-P, L26CPU-P-SET	260k steps	USB, Ethernet	R32CPU	320k steps	USB, Ethernet
			MXF100-8-P32	200k steps	USB, Ethernet
L26CPU-BT, L26CPU-BT-SET	260k steps	USB, Ethernet	R32CPU	320k steps	USB, Ethernet
			MXF100-8-N32	200k steps	USB, Ethernet
L26CPU-PBT, L26CPU-PBT-SET	260k steps	USB, Ethernet	R32CPU	320k steps	USB, Ethernet
			MXF100-8-P32	200k steps	USB, Ethernet

2.3 MELSEC iQ-R Series

Applicable model			Alternative model		
Model	**Program capacity**	**Peripheral connection port**	**Model**	**Program capacity**	**Peripheral connection port**
R08PSFCPU-SET	80k steps	USB, Ethernet	—	—	—
R16PSFCPU-SET	160k steps	USB, Ethernet	—	—	—
R32PSFCPU-SET	320k steps	USB, Ethernet	—	—	—
R120PSFCPU-SET	1200k steps	USB, Ethernet	—	—	—

3 RECOMMENDABLE PROPOSALS

Exporting models that do not comply with the Cybersecurity Law of the People's Republic of China may be subject to penalties. If models that do not comply with the law are included in exports to China, please consider replacing these models with alternative models.
If models that do not comply with the law or devices including the models that do not comply with the law are to be exported to China, please carefully review the requirements of the law before deciding whether to export them.
The MELSEC-Q series Q00UJCPU, MELSEC iQ-F series FX5S CPU modules, and MELSEC-F series FX3G/FX3GC/FX3S main modules do not apply to PLCs with basic operation instruction processing speed of 0.08μs or less.
In particular, the MELSEC-F series FX3U/FX3UC main modules may be subject to the law when used with discontinued models, such as the FX3U-ENET-ADP, FX3U-ENET-L, or FX3U-ENET. Please check carefully when exporting these modules to China.

4 INQUIRIES

For more information on target products, please contact your local Mitsubishi representative.

REVISIONS

Version	Date of Issue	Revision
A	December 2025	First edition
B	February 2026	Deletion of Q00UJCPU from the list of the models that do not comply with the Cybersecurity Law of the People's Republic of China Additions to the Chapter 3 RECOMMENDABLE PROPOSALS
C	July 2026	Addition of the MXF100-8-N32-EC and MXF100-16-N32-EC to the list of models that comply with the Cybersecurity Law of the People's Republic of China

TRADEMARKS