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[Title] Alternative model lists and project conversion procedure for the replacement of MELSEC-Q series models with MELSEC iQ-R series models
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[Relevant Models] MELSEC-Q series, MELSEC iQ-R series

Thank you for your continued support of Mitsubishi Electric programmable controllers, MELSEC-Q series.
This technical bulletin provides alternative model lists for the replacement of the MELSEC-Q series models with the MELSEC-iQ-R series models and how to convert the projects used in GX Works2 so that ones can be used in GX Works3.
For details, refer to the latest version of the technical bulletin, Differences between MELSEC-Q series and MELSEC iQ-R series (FA-A-0171).
Note that the reference manuals or the references described in this bulletin provide information as of April 2017.

1 ALTERNATIVE MODEL LISTS FOR THE REPLACEMENT OF MELSEC-Q SERIES MODELS WITH MELSEC-iQ-R SERIES MODELS

This chapter provides the alternative models when replacing MELSEC-Q series models with MELSEC iQ-R series models.

Point

- MELSEC-Q series modules, which do not have alternatives in the MELSEC iQ-R series, can be used by mounting them on the RQ extension base unit. For details, refer to "How to Use MELSEC-Q Series Modules" in the following manual.

📖 MELSEC iQ-R Module Configuration Manual

- For details on the dimensions of alternative models, refer to each manual for the models to be used.

Base unit and extension cable

Item		MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Main base unit	3 slots	Q33B	R35B	• Section 3.1 "Power Supply Module and Base Unit" • Section 4.1 "Power Supply Module and Base Unit"
	5 slots	Q35B	R35B	
	8 slots	Q38B	R38B	
	12 slots	Q312B	R312B	
Multiple CPU high speed main base unit	5 slots	Q35DB	R35B	
	8 slots	Q38DB	R38B	
	12 slots	Q312DB	R312B	
Slim type main base unit	2 slots	Q32SB	None*1	
	3 slots	Q33SB	None*1	
	5 slots	Q35SB	None*1	
Extension base unit	3 slots	Q63B	• R65B • RQ65B	
	5 slots	Q65B	• R65B • RQ65B	
	8 slots	Q68B	• R68B • RQ68B	
	12 slots	Q612B	• R612B • RQ612B	
	2 slots, power supply module not required	Q52B	R65B	
	5 slots, power supply module not required	Q55B	R65B	
Extension cable	0.45m cable	QC05B	RC06B	
	0.6m cable	QC06B	RC06B	
	1.2m cable	QC12B	RC12B	
	3m cable	QC30B	RC30B	
	5m cable	QC50B	RC50B	
	10m cable	QC100B	RC100B	

*1 Consider to use the main base unit, R35B, as an alternative.

Power supply module

Item		MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Power supply module	AC input	Q61P	R61P	• Section 3.1 "Power Supply Module and Base Unit" • Section 4.1 "Power Supply Module and Base Unit"
		Q62P	R62P	
		Q64PN	R64P	
	DC input	Q63P	R63P	
Power supply with life detection	AC input	Q61P-D	None*1	
Slim type power supply module	AC input	Q61SP	None*1	

*1 Consider to use the power supply module, R61P, as an alternative.

CPU module

Item	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Programmable controller CPU	Q00JCPU*1	• R04CPU • R04ENCPU	—
	Q00CPU	• R04CPU • R04ENCPU	
	Q01CPU	• R04CPU • R04ENCPU	
	Q02CPU	• R04CPU • R04ENCPU	
	Q02HCPU	• R04CPU • R04ENCPU	
	Q06HCPU	• R08CPU • R08ENCPU	
	Q12HCPU	• R16CPU • R16ENCPU	
	Q25HCPU	• R32CPU • R32ENCPU	
	Q00UJCPU*1	• R04CPU • R04ENCPU	
	Q00UCPU	• R04CPU • R04ENCPU	
	Q01UCPU	• R04CPU • R04ENCPU	
	Q02UCPU	• R04CPU • R04ENCPU	
	Q03UDCPU	• R04CPU • R04ENCPU	
	Q03UDECPU	• R04CPU • R04ENCPU	
	Q04UDHCPU	• R04CPU • R04ENCPU	
	Q04UDEHCPU	• R04CPU • R04ENCPU	
	Q06UDHCPU	• R08CPU • R08ENCPU	
	Q06UDEHCPU	• R08CPU • R08ENCPU	
	Q10UDHCPU	• R16CPU • R16ENCPU	
	Q10UDEHCPU	• R16CPU • R16ENCPU	
	Q13UDHCPU	• R16CPU • R16ENCPU	
	Q13UDEHCPU	• R16CPU • R16ENCPU	
	Q20UDHCPU	• R32CPU • R32ENCPU	
	Q20UDEHCPU	• R32CPU • R32ENCPU	
	Q26UDHCPU	• R32CPU • R32ENCPU	
	Q26UDEHCPU	• R32CPU • R32ENCPU	
	Q50UDEHCPU	• R120CPU • R120ENCPU	

Item	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Programmable controller CPU	Q100UDEHCPU	• R120CPU • R120ENCPU	—
	Q03UDVCPU	• R04CPU • R04ENCPU	• "CPU module (QnUDVCPU and RCPU)" in Section 3.2 "CPU Module" • "CPU module (QnUDVCPU and RCPU)" in Section 4.2 "CPU Module"
	Q04UDVCPU	• R04CPU • R04ENCPU	
	Q06UDVCPU	• R08CPU • R08ENCPU	
	Q13UDVCPU	• R16CPU • R16ENCPU	
	Q26UDVCPU	• R32CPU • R32ENCPU	
Motion CPU	Q172DSCPU	R16MTCPU	—
	Q173DSCPU	• R32MTCPU • R64MTCPU	
C Controller module	Q06CCPU-V	R12CCPU-V	• "C Controller module (Q12DCCPU-V and other Q series C Controller modules, and R12CCPU-V)" in Section 3.2 "CPU Module" • "C Controller module" in Section 4.2 "CPU Module"
	Q12DCCPU-V	R12CCPU-V	
	Q24DHCCPU-V	— (RQ extension base units cannot be used for this module.)	—
	Q24DHCCPU-VG	— (RQ extension base units cannot be used for this module.)	
	Q24DHCCPU-LS	— (RQ extension base units cannot be used for this module.)	
	Q26DHCCPU-LS	— (RQ extension base units cannot be used for this module.)	

*1 These models are the all-in-one model that includes a base unit, a power supply module, and a CPU module.

Memory extension

Item	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
SRAM card	Q2MEM-1MBS	Not available*1	—
	Q2MEM-2MBS	Not available*1	
	Q3MEM-4MBS	Not available*1	
	Q3MEM-8MBS	Not available*1	
Flash card	Q2MEM-2MBF	Not available*1	—
	Q2MEM-4MBF	Not available*1	
ATA card	Q2MEM-8MBA	Not available*1	—
	Q2MEM-16MBA	Not available*1	
	Q2MEM-32MBA	Not available*1	
CompactFlash card	QD81MEM-512MBC	Not available*1	—
	QD81MEM-1GBC	Not available*1	
	QD81MEM-2GBC	Not available*1	
	QD81MEM-4GBC	Not available*1	
	QD81MEM-8GBC	Not available*1	
SD memory card	L1MEM-2GBSD*2*3	• L1MEM-2GBSD*2*3 • NZ1MEM-2GBSD	—
	L1MEM-4GBSD*2*3	• L1MEM-4GBSD*2*3 • NZ1MEM-4GBSD	
	NZ1MEM-2GBSD	NZ1MEM-2GBSD	
	NZ1MEM-4GBSD	NZ1MEM-4GBSD	
	NZ1MEM-8GBSD	NZ1MEM-8GBSD	
	NZ1MEM-16GBSD	NZ1MEM-16GBSD	
Extended SRAM cassette	Q4MCA-1MBS	NZ2MC-1MBS	—
	Q4MCA-2MBS	NZ2MC-2MBS	
	Q4MCA-4MBS	NZ2MC-4MBS	
	Q4MCA-8MBS	• NZ2MC-8MBS • NZ2MC-16MBS	

*1 Use an SD memory card or an extended SRAM cassette instead of these items.
For files can be stored, refer to File types and storage memory in the following manual.
MELSEC iQ-R CPU Module User's Manual (Application)

*2 These items can be used only with the RnCPU. They cannot be used with the RnENCPU.

*3 Since these items had already been discontinued in July 2015, using the NZ1MEM-□GBSD is recommended.

I/O module

Item	Type		MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Input module	AC input	100 to 120VAC	QX10	RX10	—
			QX10-TS	RX10*4	
		100 to 240VAC	QX28	RX28	
	DC input (positive common)	24VDC	QX40	RX40C7*1	"RX40C7" under "Input module" in Section 4.3 "I/O Module"
			QX40-TS	RX40C7*1*4	
			QX40-S1	RX40C7*1	
			QX41	RX41C4*1	"RX41C4" under "Input module" in Section 4.3 "I/O Module"
			QX41-S1	RX41C4*1	
			QX41-S2	RX41C6HS*1	"RX41C6HS" under "Input module" in Section 4.3 "I/O Module"
			QX42	RX42C4*1	"RX42C4" under "Input module" in Section 4.3 "I/O Module"
			QX42-S1	RX42C4*1	
	DC input (negative common)	24VDC	QX80	RX40C7*1	"RX40C7" under "Input module" in Section 4.3 "I/O Module"
			QX80-TS	RX40C7*1*4	
			QX81	RX41C4*1	• "Interrupt function (interrupt module)" in Section 3.3 "I/O Module" • "RX41C4" or "RX41C6HS" under "Input module" in Section 4.3 "I/O Module"
			QX81-S2	RX41C6HS*1	
			QX82	RX42C4*1	"RX42C4" under "Input module" in Section 4.3 "I/O Module"
			QX82-S1	RX42C4*1	
	DC input (positive/ negative common)	5/12VDC	QX70	—	—
			QX71	—	
			QX72	—	
	DC high-speed input (positive common)	24VDC	QX40H	RX40PC6H	"RX41C6HS" or "RX40PC6H, RX40NC6H" under "Input module" in Section 4.3 "I/O Module"
		5VDC	QX70H	RX61C6HS*1	
	DC high-speed input (negative common)	24VDC	QX80H	RX40NC6H	
		5VDC	QX90H	RX61C6HS	
	DC input/AC input	48VDC/AC	QX50	—	—

Item	Type		MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Output module	Relay output	24VDC, 240VAC	QY10	RY10R2	—
			QY10-TS	RY10R2*4	
			QY18A	RY18R2A	
	Triac output	100 to 240VAC	QY22	RY20S6	
	Transistor output (sink type)	12 to 24VDC	QY40P	RY40NT5P	"RY40NT5P", "RY41NT2P, RY42NT2P" or "RY40PT5P" under "Output module" in Section 4.3 "I/O Module"
			QY40P-TS	RY40NT5P*4	
			QY41P	RY41NT2P	
			QY42P	RY42NT2P	
			QY50	RY40NT5P	
		5 to 12VDC	QY70	—	—
			QY71	RY41NT2H	"RY41NT2H" under "Output module" in Section 4.3 "I/O Module"
	Transistor output (source type)	12 to 24VDC	QY80	RY40PT5P	"RY40PT5P" under "Output module" in Section 4.3 "I/O Module"
			QY80-TS	RY40PT5P*4	
			QY81P	RY41PT1P	• "Interrupt function (interrupt module)" in Section 3.3 "I/O Module" • "RY41PT1P" under "Output module" in Section 4.3 "I/O Module"
			QY82P	RY42PT1P	"RY42PT1P" under "Output module" in Section 4.3 "I/O Module"
	Transistor high-speed output (sink type)	5 to 24VDC	QY41H	RY41NT2H	"RY41NT2H" under "Output module" in Section 4.3 "I/O Module"
	Transistor output (all points independent)	5 to 24VDC	QY68A	—	—
I/O combined module	DC input/transistor output	Input: 24VDC Output: 12 to 24VDC	QH42P	RH42C4NT2P	"RH42C4NT2P" under "I/O combined module" in Section 4.3 "I/O Module"
			QX48Y57	—	—
			QX41Y41P	—	
Interrupt module			QI60	RX40C7*1*3	"Interrupt function (interrupt module)" in Section 3.3 "I/O Module"
			QX40H*2	RX40PC6H*3	
			QX70H*2	RX61C6HS*1*3	
			QX80H*2	RX40NC6H*3	
			QX90H*2	RX61C6HS*1*3	

*1 These modules are the positive/negative common shared type.

*2 Setting the function selector switch (switch 2) at the bottom of the module to off (interrupt module) allows this module to be used as the interrupt module.
For details, refer to the following.
📖 I/O Module Type Building Block User's Manual

*3 Setting [Interrupt setting] of the module parameter of the engineering tool allows these modules to use the interrupt function.
For details, refer to the following.
📖 MELSEC iQ-R I/O Module User's Manual

*4 A MELSEC-Q series spring clamp terminal block, Q6TE-18SN, can be attached to these modules.

Analog module

Item	Type	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Analog input module	Voltage, current input	Q64AD	R60AD4	• "Analog-digital converter modules" in Section 3.4 "Analog Module" • "Analog-digital converter modules" in Section 4.4 "Analog Module"
		Q64ADH	R60ADH4	—
	Voltage input	Q68ADV	R60ADV8	• "Analog-digital converter modules" in Section 3.4 "Analog Module" • "Analog-digital converter modules" in Section 4.4 "Analog Module"
	Current input	Q68ADI	R60ADI8	
Channel isolated analog input module	Voltage, current input	Q64AD-GH	—	—
		Q68AD-G	R60AD8-G	• "Channel isolated analog-digital converter module" in Section 3.4 "Analog Module" • "Channel isolated analog-digital converter module" in Section 4.4 "Analog Module"
	Current input	Q62AD-DGH	—	—
		Q66AD-DG	—	
Analog output module	Voltage, current output	• Q62DAN • Q62DA	R60DA4	• "Digital-analog converter module" in Section 3.4 "Analog Module" • "Digital-analog converter module" in Section 4.4 "Analog Module"
		• Q64DAN • Q64DA	R60DA4	
		Q64DAH	R60DAH4	—
	Voltage output	• Q68DAVN • Q68DAV	R60DAV8	• "Digital-analog converter module" in Section 3.4 "Analog Module" • "Digital-analog converter module" in Section 4.4 "Analog Module"
	Current output	• Q68DAIN • Q68DAI	R60DAI8	
Channel isolated analog output module	Voltage, current output	Q62DA-FG	—	—
		Q66DA-G	R60DA8-G	• "Channel isolated digital-analog converter module" in Section 3.4 "Analog Module" • "Channel isolated digital-analog converter module" in Section 4.4 "Analog Module"
Analog I/O module	Voltage, current input/output	Q64AD2DA	—	—
Load cell input module		Q61LD	—	—
CT input module		Q68CT	—	—

Item	Type	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Temperature input module	Thermocouple input	Q64TD	—	—
		Q64TDV-GH	—	—
		• Q68TD-G-H01 • Q68TD-G-H02	R60TD8-G	• "Channel isolated thermocouple input module" in Section 3.4 "Analog Module" • "Channel isolated thermocouple input module" in Section 4.4 "Analog Module"
	RTD input	Q64RD	—	—
		Q64RD-G	—	—
		Q68RD3-G	R60RD8-G	• "Channel isolated RTD input module" in Section 3.4 "Analog Module" • "Channel isolated RTD input module" in Section 4.4 "Analog Module"
Temperature control module	Thermocouple input	• Q64TCTTN • Q64TCTT	R60TCTRT2TT2	• "Temperature control module" in Section 3.4 "Analog Module" • "Temperature control module" in Section 4.4 "Analog Module"
		• Q64TCTTBWN • Q64TCTTBW	R60TCTRT2TT2BW	
	RTD input	• Q64TCRTN • Q64TCRT	R60TCRT4	
		• Q64TCRTBWN • Q64TCRTBW	R60TCRT4BW	
Loop control module		Q62HLC	—	—

Energy measuring module

Item	Type	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Energy measuring module	Energy measuring	QE81WH*1	—	—
		QE84WH*1*2	—	
		QE81WH4W*1*3	—	
		QE83WH4W*1*2*3	—	
	Insulation monitoring	QE82LG*4	—	—

*1 Dedicated current sensors are required for operation.
*2 The Current measurement mode is provided. Up to eight circuits can be measured when measuring only the current value.
*3 The dedicated voltage transform unit (QE8WH4VT) is required for the three-phase 4-wire compatible products.
*4 Dedicated zero-phase-sequence current transformers are required for operation.

Motion/positioning/counter module

Item	Type	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Simple motion module	With CC-Link IE Field Network connectivity	QD77GF4	RD77GF4	"Simple motion module" in Section 3.5 "Motion/ Positioning/High-speed Counter Modules"
		QD77GF8	RD77GF8	
		QD77GF16	RD77GF16	
	With SSCNET III/(H) connectivity	QD77MS2	RD77MS2	
		QD77MS4	RD77MS4	
		QD77MS16	RD77MS16	
Positioning module	Open collector output	• QD75P1N • QD75P1	RD75P2	• "Positioning module" in Section 3.5 "Motion/ Positioning/High-speed Counter Modules" • "Positioning module" in Section 4.5 "Motion/ Positioning/High-speed Counter Modules"
		• QD75P2N • QD75P2	RD75P2	
		• QD75P4N • QD75P4	RD75P4	
		QD70P4	—	—
		QD70P8	—	
	Differential output	• QD75D1N • QD75D1	RD75D2	• "Positioning module" in Section 3.5 "Motion/ Positioning/High-speed Counter Modules" • "Positioning module" in Section 4.5 "Motion/ Positioning/High-speed Counter Modules"
		• QD75D2N • QD75D2	RD75D2	
		• QD75D4N • QD75D4	RD75D4	
		QD70D4	—	—
		QD70D8	—	
	With SSCNET III connectivity	QD75MH1	—	—
		QD75MH2	—	
		QD75MH4	—	
		QD74MH8	—	
		QD74MH16	—	
	With SSCNET connectivity	QD75M1	—	—
		QD75M2	—	
		QD75M4	—	
	Built-in counter function	QD72P3C3	—	—
High-speed counter module	DC input sink output	QD62	RD62P2	• "High-speed counter module" in Section 3.5 "Motion/Positioning/High-speed Counter Modules" • "High-speed counter module" in Section 4.5 "Motion/Positioning/High-speed Counter Modules"
	DC input source output	QD62E	RD62P2E	
	Differential input sink output	QD62D	RD62D2	
	Multi-channel high-speed counter	QD63P6	—	—
	4 Mpps compatible high-speed counter	QD64D2	—	—
	Multi-function counter/timer	QD65PD2	—	—
Channel isolated pulse input module		QD60P8-G	—	—

Network module

Item	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
CC-Link IE Controller Network module	QJ71GP21-SX	RJ71GP21-SX	"Common items for network modules" in Section 3.6 "Network module"
	QJ71GP21S-SX	—	
CC-Link IE Field Network master/local modules	QJ71GF11-T2	• RJ71GF11-T2 • RJ71EN71*1	• "Common items for network modules" in Section 3.6 "Network module" • "CC-Link IE Field Network master/local modules" in Section 3.6 "Network module" • "CC-Link IE Field Network master/local modules" in Section 4.6 "Network module"
CC-Link system master/local module	QJ61BT11N	RJ61BT11	• "Common items for network modules" in Section 3.6 "Network module" • "CC-Link system master/local module" in Section 3.6 "Network module" • "CC-Link system master/local module" in Section 4.6 "Network module"
CC-Link/LT master module	QJ61CL12	—	"Common items for network modules" in Section 3.6 "Network module"
AnyWireASLINK master module	QJ51AW12AL	RJ51AW12AL	• "Common items for network modules" in Section 3.6 "Network module" • "AnyWireASLINK master module" in Section 3.6 "Network module" • "AnyWireASLINK master module" in Section 4.6 "Network module"
AnyWire DB A20 master module	QJ51AW12D2	—	—
MELSECNET/H network module	QJ71LP21-25	—	
	QJ71LP21S-25	—	
	QJ72LP25-25	—	
	QJ71LP21G	—	
	QJ71LP21GE	—	
	QJ72LP25G	—	
	QJ72LP25GE	—	
	QJ71BR11	—	
	QJ72BR15	—	
	QJ71NT11B	—	
FL-net(OPCN-2) interface module	QJ71FL71-T-F01	—	
	QJ71FL71-B2-F01	—	
	QJ71FL71-B5-F01	—	
	QJ71FL71-T	—	
	QJ71FL71-B2	—	
MODBUS interface module	QJ71MB91	—	
MODBUS/TCP interface module	QJ71MT91	—	
AS-i master module	QJ71AS92	—	
DeviceNet master-slave module	QJ71DN91	—	

*1 This module can be connected to CC-Link IE Controller Network or CC-Link IE Field Network according to the setting in the engineering tool. For details, refer to the following.

MELSEC iQ-R Ethernet/CC-Link IE User's Manual (Startup)

MELSEC iQ-R Ethernet User's Manual (Application)

Information module

Item	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Ethernet interface module	QJ71E71-100	RJ71EN71	• "Ethernet interface module" in Section 3.7 "Information module" • "Ethernet interface module" in Section 4.7 "Information module"
	QJ71E71-B2	RJ71EN71*1	—
	QJ71E71-B5	RJ71EN71*1	
Serial communication module	QJ71C24N	RJ71C24	• "Serial communication module" in Section 3.7 "Information module" • "Serial communication module" in Section 4.7 "Information module"
	QJ71C24N-R2	RJ71C24-R2	—
	QJ71C24N-R4	RJ71C24-R4	
MES interface module	QJ71MES96	RD81MES96	• "MES interface module" in Section 3.7 "Information module" • "MES interface module" in Section 4.7 "Information module"
High speed data logger module	QD81DL96	RD81DL96	• "High speed data logger module" in Section 3.7 "Information module" • "High speed data logger module" in Section 4.7 "Information module"
High speed data communication module	QJ71DC96	—	—
Web server module	QJ71WS96	—	—
Intelligent communication module	• QD51 • QD51-R24	—	—

*1 Ethernet cables available to this module differ from ones for the Q-series modules. For details, refer to the following.
MELSEC iQ-R Ethernet/CC-Link IE User's Manual (Startup)

Blank cover

Item	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Blank cover	QG60	RG60	—

Battery

Item	MELSEC-Q series	MELSEC iQ-R series	Reference in the technical bulletin FA-A-0171
Battery	Q6BAT	Q6BAT	—
	Q7BAT	Q7BAT	
	Q7BAT-SET	Q7BAT-SET	
	Q8BAT	Q7BAT*1	
	Q8BAT-SET	Q7BAT-SET*1	

*1 The Q7BAT can be used as the alternative to the Q8BAT (The Q7BAT has the equivalent functionality of retaining data during power failure to the one the Q8BAT has.)

2 HOW TO CONVERT GX Works2 FORMAT PROJECT INTO GX Works3 FORMAT PROJECT

A project used in GX Works2 can be converted into the one can be used in GX Works3.

Note that GX Works2 format projects can be converted only when the following CPU module models are set for the project.

Models can be converted	
Universal model QCPU	Q00UJCPU, Q00UCPU, Q01UCPU, Q02UCPU, Q03UDCPU, Q03UDECPU, Q04UDHCPU, Q04UDEHCPU, Q06UDHCPU, Q06UDEHCPU, Q10UDHCPU, Q10UDEHCPU, Q13UDHCPU, Q13UDEHCPU, Q20UDHCPU, Q20UDEHCPU, Q26UDHCPU, Q26UDEHCPU, Q50UDEHCPU, Q100UDEHCPU
High-speed Universal model QCPU	Q03UDVCPU, Q04UDVCPU, Q06UDVCPU, Q13UDVCPU, Q26UDVCPU

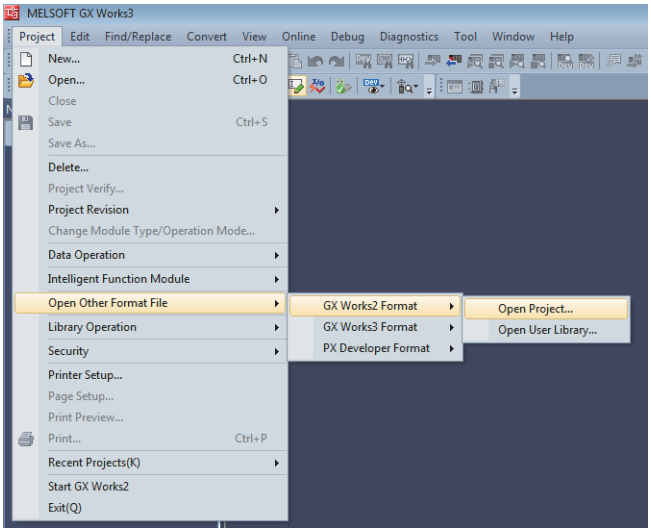
After conversion, the CPU module model is automatically set to the R120CPU regardless of models set before conversion. The setting is required to be changed to the CPU module model to use.

Point

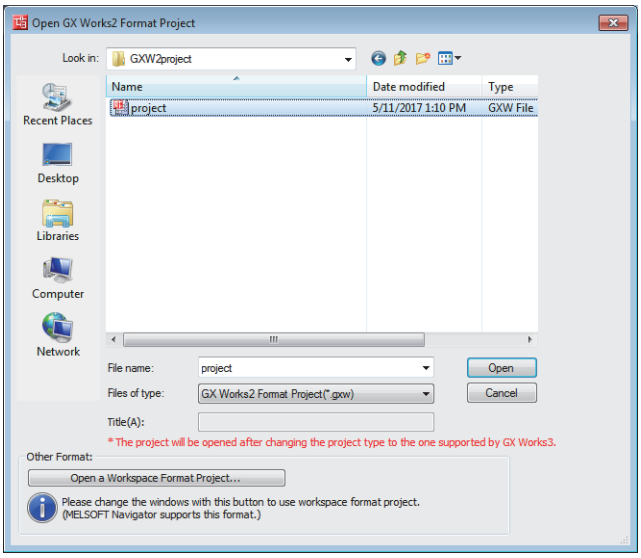
For models other than Universal model QCPUs and High-speed Universal model QCPUs, change the CPU module model of a project to "Q100UDEHCPU" with "Change PLC Type" in GX Works2 before conversion.*1

*1 Other Universal model QCPUs and High-speed Universal model QCPUs than the Q100UDEHCPU can also be set. However, choosing the Q100UDEHCPU which has larger program size is recommended.

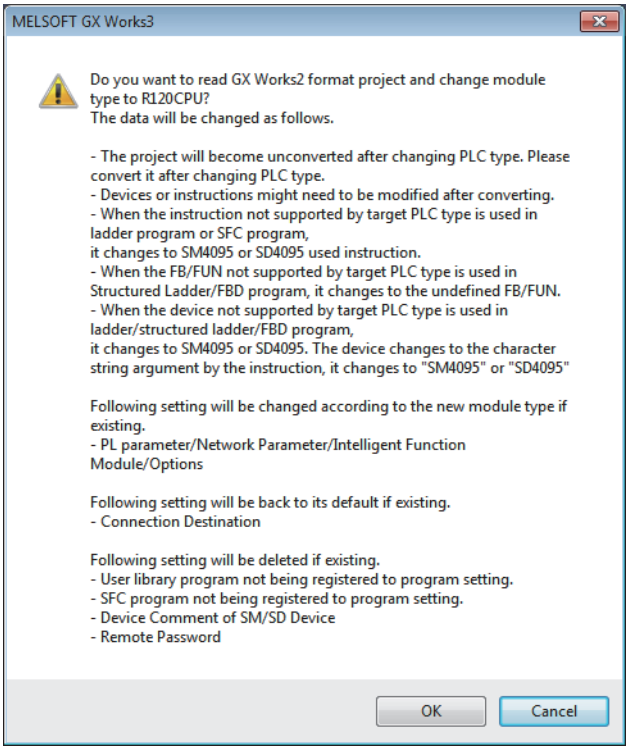
Conversion procedure



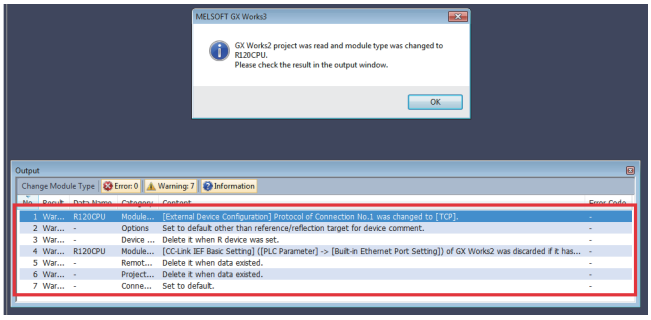
1. Select [Project] ⇨ [Open Other Format File] ⇨ [GX Works2 Format] ⇨ [Open project] in GX Works3.



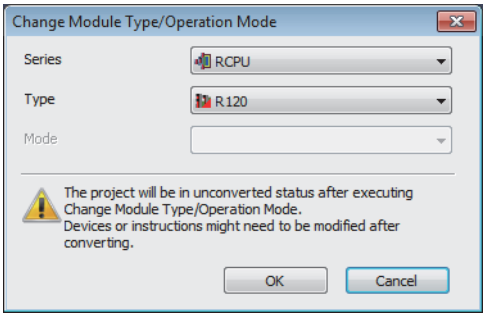
2. Choose a GX Works2 format project to be converted and click the [Open] button.



3. The message window shown on the left appears. Check the description in the window and click the [OK] button.



4. The GX Works2 format project is opened in the GX Works3 format. Changed contents in the project data made through the CPU module model change are displayed in the output window. Change each parameter setting and program (devices or instructions to use) corresponding to the changed contents as required.



5. Change the CPU module model to the one to use with [Project] ⇨ [Change Module Type/ Operation Mode] in GX Works3.

Point

For details, refer to "Opening a GX Works2 format project" in "Creating Project Files", and "Replacement of other format projects".

📖 GX Works3 Operating Manual