

## Sales and Service

### Production Discontinuation of SSCNET III-Compatible MELSEC-Q Series Motion Controllers and Stand-Alone Motion Controllers

Thank you for your continued patronage of the Mitsubishi Electric AC servo system. The production of MELSEC-Q series Motion controllers and Stand-Alone Motion controllers will be discontinued as scheduled below.

#### 1. Target Model

The production of SSCNET III-compatible Motion controllers, Stand-Alone Motion controllers, and their option modules and software packages will be discontinued.

Tables 1 to 3 show the details of the models to be discontinued.

Table 1. Models to be discontinued (controllers)

Product name	Model
SSCNET III-compatible Motion controller	Q173DCPU
	Q173DCPU-S1
	Q172DCPU
	Q172DCPU-S1
SSCNET III-compatible Stand-Alone Motion controller	Q170MCP
SSCNET III-compatible Single Axis Motion Controller	MR-MQ100

\* The production of the special models related to the models in Table 1 will also be discontinued.

Table 2. Models to be discontinued (option modules, cables, etc.)

Product name	Model
Large-capacity battery holder	Q170MBATN-SET
Internal I/F connector cable	Q170MIOCBL1M-A
	Q170MIOCBL1M-B
Internal I/F connector set	Q170MIOCON
24 V DC power supply cable	Q170MPWCBL2M
	Q170MPWCBL2M-E
24 V DC power supply connector set	Q170MPWCON

\* The production of the special models related to the models in Table 2 will also be discontinued.

<b>Date of issue</b>	April 2024	<b>Title</b>	Production Discontinuation of SSCNET III-Compatible MELSEC-Q Series Motion Controllers and Stand-Alone Motion Controllers	Mitsubishi Electric Corp., Nagoya Works 1-14, Yada-minami 5-chome, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line
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Table 3. Models to be discontinued (software packages)

Product name	Model
Operating system software	SW8DNC-SV13QB
	SW8DNC-SV13QD
	SW8DNC-SV22QA
	SW8DNC-SV22QC
	SW7DNC-SV43QA
	SW7DNC-SV43QC
	SW8DNC-SV13QG
	SW8DNC-SV22QF
	SW7DNC-SV43QF
	SW9DNC-SV22QW
Motion Controller Engineering Software MELSOFT MT Works2 for MR-MQ100	SW1DND-MTW2MQ-E
	SW1DND-MTW2MQ-EAZ
	SW1DND-MTW2MQ-C
	SW1DND-MTW2MQ-CAZ

\* The production of the special models related to the models in Table 3 will also be discontinued.

**2. Reasons for Discontinuation**

We have difficulty in obtaining some components for the relevant models. Thus, we presume that the production of the models will not be continued smoothly.

**3. Production Discontinuation**

Transition to made-to-order production: March 31, 2025

Order acceptance: Through February 28, 2026

Production discontinuation: March 31, 2026

**4. Repair Acceptance**

Repair acceptance: Through March 31, 2033 (for seven years after the production discontinuation)

## 5. Replacement Model

Refer to Table 4 below for the replacement models.

Table 4. List of replacement models (controllers)

Model to be discontinued		Replacement model	
Product name	Model	Product name	Model
SSCNET III-compatible Motion controller	Q173DCPU, Q173DCPU-S1 Q172DCPU, Q172DCPU-S1	SSCNET III/H-compatible Motion controller	R32MTCPU, R16MTCPU Q173DSCPU, Q172DSCPU
SSCNET III-compatible Stand-Alone Motion controller	Q170MCPU	SSCNET III/H-compatible Stand-Alone Motion controller	Q170MSCPU, Q170MSCPU-S1
SSCNET III-compatible Single Axis Motion Controller	MR-MQ100	SSCNET III/H-compatible Stand-Alone Motion controller	Q170MSCPU *1
		SSCNET III/H-compatible simple motion module	FX5-40SSC-S *1
Operating system software	SW8DNC-SV13QB/QD	Operating system software (iQ-R series)	SW10DNC-RMTFW
		Operating system software (Q series)	SW8DNC-SV13QJ/QL
	SW8DNC-SV22QA/QC	Operating system software (iQ-R series)	SW10DNC-RMTFW
		Operating system software (Q series)	SW8DNC-SV22QJ/QL
	SW7DNC-SV43QA/QC	Operating system software (iQ-R series)	SW10DNC-RMTFW-Y001
		Operating system software (Q series)	SW8DNC-SV22Y10QJ/QL
	SW8DNC-SV13QG	Operating system software (Q series)	SW8DNC-SV13QN
	SW8DNC-SV22QF	Operating system software (Q series)	SW8DNC-SV22QN
	SW7DNC-SV43QF	Operating system software (Q series)	Contact your local sales office.
	SW9DNC-SV22QW	Operating system software (Q series)	SW8DNC-SV22QN
SSCNET III/H-compatible simple motion module		FX5-40SSC-S *1	
Motion Controller Engineering Software MELSOFT MT Works2 for MR-MQ100	SW1DND-MTW2MQ-E	Motion Controller Engineering Software MELSOFT MT Works2	SW1DND-MTW2-E
	SW1DND-MTW2MQ-EAZ		SW1DND-MTW2-EAZ
	SW1DND-MTW2MQ-C		SW1DND-MTW2-C
	SW1DND-MTW2MQ-CAZ		SW1DND-MTW2-CAZ

\*1 Please contact your local sales office for details.

## 6. Documents for Replacement

Refer to the documents shown in Table 5 below for replacement.

Table 5. Migration guides

Document	Document No.
Migration Guide of Motion Controller [Q17nDCPU(-S1) => Q17nDSCPU]	L(NA)03189ENG
Migration Guide of Motion Controller [Q170MCPU => Q170MSCPU(-S1)]	L(NA)03196ENG