

TECHNICAL BULLETIN

[Issue No.] T99-0069-A

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[Title] Production discontinuation of A0J2H series

[Date of Issue] Jul., '07

[Relevant Models] CPU modules, power supply modules,
I/O modules, special modules, and others

Thank you for your continued support of Mitsubishi programmable controllers, MELSEC-A series.

Production of the following A0J2H series CPU modules, power supply modules, I/O modules, special function modules, data link modules, and other related products (made-to-order products for the A0J2H series) will be discontinued.

1. Models to be discontinued

Product name	Model	Product name	Model	
CPU module	A0J2HCPU	Extension cable	A0J2C01	
	A0J2HCPUP21		A0J2C03	
	A0J2HCPUR21		A0J2C03F	
	A0J2HCPUP21-S3		A0J2C06	
	A0J2HCPU-DC24		A0J2C10	
Input module	A0J2-E32A		A0J2C20	
	A0J2-E32D		A0J2C04B	
Output module	A0J2-E24R		A0J2C10B	
	A0J2-E24S		EP-ROM memory	4KROM
	A0J2-E24T			8KROM
	16KROM			
I/O module	A0J2-E28DR	Computer link module/Multidrop link (Master station)	A0J2-C214-S1	
	A0J2-E56DR			
	A0J2-E28DT	Multidrop link (Remote station)	A0J2C25	
	A0J2-E56DT	MELSECNET data link module	A0J2P25	
	A0J2-E28AR		A0J2R25	
	A0J2-E56AR	Analog input module	A0J2-68AD	
	A0J2-E28AS	Analog output module	A0J2-62DA	
	A0J2-E56AS	High-speed counter module	A0J2-D61S1	
	A0J2-E28DS	Positioning module	A0J2-D71	
	A0J2-E56DS	PC fault detection module	A0J2-S91	
Power supply module	A0J2PW		Double mounting bracket	A0J2-2F
			Simulation switch module	A0J2-SW16
		A0J2-SW32		

2. Schedule

- Transition to "made-to-order": October 1st, 2007
- Order acceptance: Through August 2008
- Final production: Through September 2008

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3. Reasons for discontinuing production

Conventional main electronic components of the relevant programmable controller models, i.e., semiconductor components (micro computer, memory, ASIC, etc.) are now absolutely difficult to obtain, as they are produced based on the stricter process rules and the contributions to environmental conservation, such as lead-free, compliance to RoHS directives are required. We have been producing A0J2H series products by securing the stock of these obsolete components. However, the stock is about to run out, and we have extreme difficulty to maintain the production system and product quality.

4. Repair acceptance

Repair acceptance: Through September, 2015 (for 7 years after production discontinuation)

5. Alternative models

It is recommended to replace the A0J2HCPU system with the Basic model CPU system.

For transition from the A0J2HCPU to the Basic model QCPU system, refer to the following manual.

- Transition from MELSEC-A0J2 Series to Q Series Handbook L-08060ENG

6. A0J2 renewal tool for utilizing A0J2 (H) series I/O module wiring

For transition to the Q series system without changing the existing wiring, we prepare the A0J2 renewal tool (manufactured by Mitsubishi Electric System & Service Co., Ltd.).

The release, excluding certain models, is scheduled for December in 2007.

■ A0J2 renewal tool

This tool is for replacing the A0J2 (H) series with the Q series.

It is composed of interface module to which wiring terminal block of the existing module can be attached and base adapter for utilizing the existing installation hole, etc.

Multiple installation methods are available, which allow selecting the method according to the installation space.

■ Interface module

The interface module has the conversion function that converts DC output into relay output or AC input into DC input.

Therefore, it can be replaced in combination with the DC input/output module of Q series connector type. Wire between the interface module and the Q series I/O module with dedicated cable.

NEWS

We informed that A0J2 interface terminal would be offered in technical bulletin and renewal catalog; however, we decided to rename it as A0J2 renewal tool and offer it from Mitsubishi Electric System & Service Co., Ltd.

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(1) Applicable model list

The following models can be replaced by utilizing the A0J2 renewal tool.

Discontinued model		Alternative model			
Product	Model	Alternative programmable controller I/O module			Interface module
		Q series ^{*1}	AnS series	CC-Link	
Output module	A0J2-E24R	QY41P	A1SY41P	AJ65SBTCF1-32T	SC-A0JQIF24R
I/O module	A0J2-E28DR	QH42P	A1SH42	AJ65SBTCF1-32D	SC-A0JQIF28DR
		QX41+QY41P	A1SX41+A1SY41P	+AJ65SBTCF1-32T	
	A0J2-E28DT	QH42P	A1SH42	AJ65SBTCF1-32D	SC-A0JQIF28DT
		QX41+QY41P	A1SX41+A1SY41P	+AJ65SBTCF1-32T	
	A0J2-E56AR	QH42P	A1SH42	AJ65SBTCF1-32D	SC-A0JQIF56AR (Scheduled to be available in March 2008.)
		QX41+QY41P	A1SX41+A1SY41P	+AJ65SBTCF1-32T	
	A0J2-E56DR	QH42P	A1SH42	AJ65SBTCF1-32D	SC-A0JQIF56DR
		QX41+QY41P	A1SX41+A1SY41P	+AJ65SBTCF1-32T	
	A0J2-E56DT	QH42P	A1SH42	AJ65SBTCF1-32D	SC-A0JQIF56DT
		QX41+QY41P	A1SX41+A1SY41P	+AJ65SBTCF1-32T	

*1: When using the QH42P, since X/Y addresses are the same, program change is necessary.

For the alternative model of the A0J2 (H) series, we will release combined I/O module "QX41Y41P (I/O assignment (first half: 32 points for input, latter half: 32 points for output))" in near future.

Using this module allows replacement without program change.

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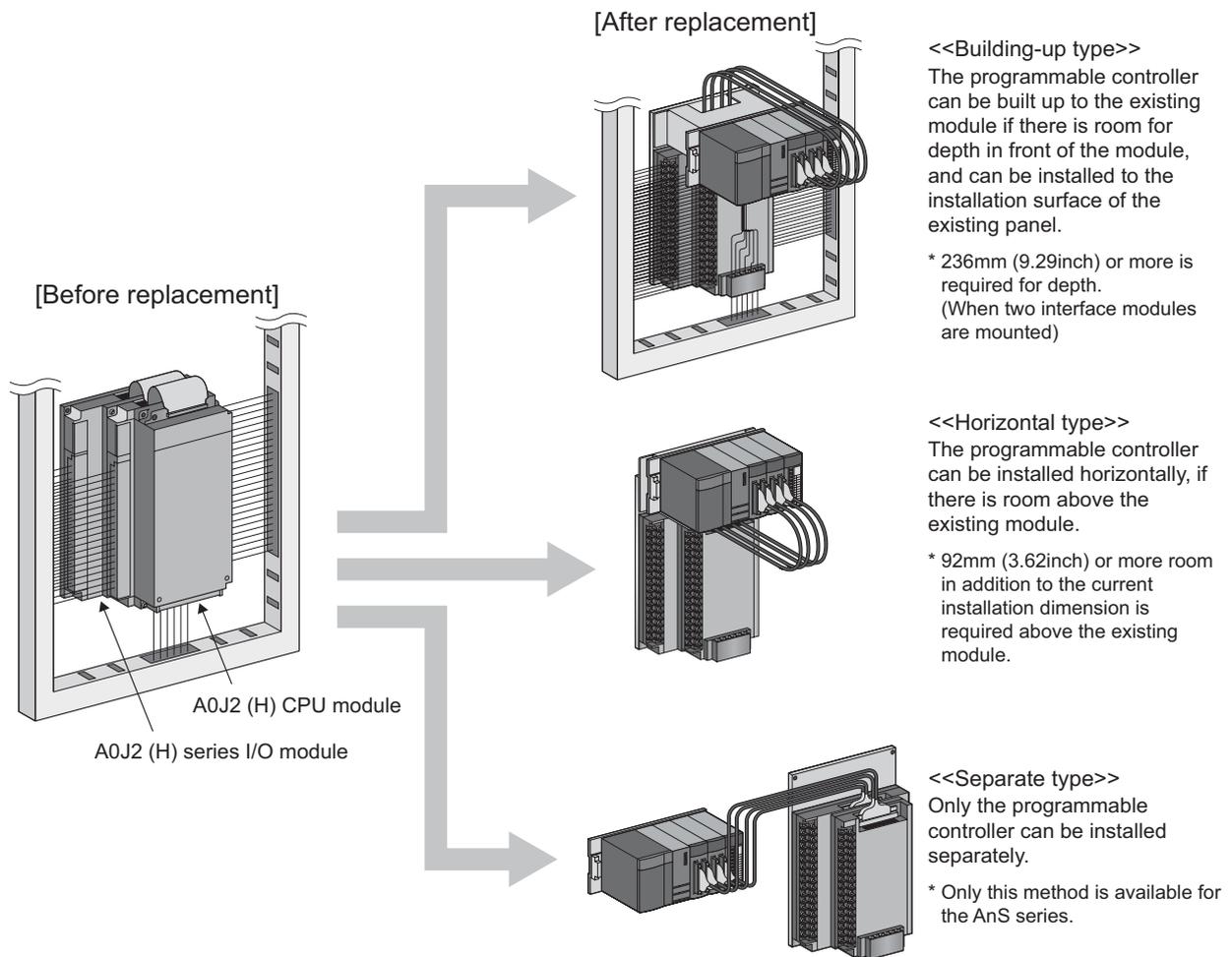
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(2) Image diagram of replacement when using the A0J2 renewal tool

The following diagrams show an image when replacing the A0J2 (H) series I/O module with the “Q series I/O module + A0J2 renewal tool”.



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Last No.	Revision
A	The following modules have been added to the discontinued model. A0J2-SW16, A0J2-SW32 The introduction of "A0J2 interface terminal" is changed to that of "A0J2 renewal tool" (manufactured by Mitsubishi Electric System & Service Co., Ltd.).