TECHNICAL BULLETIN

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[Title] Production discontinuation of A/QnA series programming unit
[Date of Issue] January 2008 (Ver. B : November 2008)
[Relevant Models] A7PUS, A7PU, A8UPU, A8PUJ, A8PUE, Q6PU, A8PU-BG

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

Production of A/QnA series programming unit (six models) and the soft case for the A8PU/A8UPU (A8PU-BG) will be discontinued.

1. Models to be discontinued

Product name	Model	Model code	Description	Alternative model
A series programming unit	A8UPU	13K119	For ACPU	EPU01 manufactured by MITSUBISHI ELECTRIC ENGINEERING CO., LTD.(For details, refer to Section 5.)
	Q6PU	13PE06	For QnACPU	
	A7PU	13K108	For ACPU For the AnA and AnU, the device range equivalent to the A3H is available.	
	A8PUJ	13K120	For ACPU For hand-held connection	
	A7PUS	13L105	For ACPU (AnSCPU only) Fixing by screws is available.	
	A8PUE	13PA03	English display for ACPU	EPU00E[1] manufactured by MITSUBISHI ELECTRIC ENGINEERING CO., LTD. (Shipping in October, 2008)
Soft case	A8PU-BG	-	For A8PU and A8UPU	None

*1: The EPU00E can be connected to the CPU module connectable to the A8PUE.

2. Reasons for discontinuing production
Some parts of the above products are now obsolete. Therefore, we will have difficulty to maintain the production system.

3. Schedule
1) A8UPU, A8PUJ, A7PUS,
   • Transition to made-to-order production   : May 1, 2008
   • Order acceptance   : Through July, 2008
   • Production   : Through July, 2008

2) Q6PU, A7PU
   • Transition to made-to-order production[1] :   ---
   • Order acceptance   : Through July, 2008
   • Production   : Through July, 2008

   *1: No setting because the products are available as "made-to-order" only

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3) A8PUE, A8PU-G
- Transition to made-to-order production[*1] :   ---
- Order acceptance   : Through January, 2009
- Production   : Through January, 2009

*1: No setting because the products are available as "made-to-order" only

4. Repair acceptance

1) A8UPU, Q6PU, A7PUS, A8PUJ, A7PU
Repair acceptance : Through July, 2015 (For 7 years after production discontinuation)
                             We may have difficulty to repair products depending on the product conditions.

2) A8PUE, A8PU-BG
Repair acceptance : Through January, 2016 (For 7 years after production discontinuation)
                             We may have difficulty to repair products depending on the product conditions.

5. EPU01

The operability of the programming unit EPU01 manufactured by MITSUBISHI ELECTRIC ENGENEERING CO., LTD. is the same as that of the A8UPU or Q6PU. Therefore, you will not feel uncomfortable with the EPU01.
Please consider replacement with the EPU01.
The following shows features of the EPU01 and applicable CPU modules.

1) Features
- The EPU01 is applicable to High Performance model QCPUs and QCPUs (A mode).
- The EPU01 is applicable to MELSEC-A series and QnA series CPUs.
- The EPU01 can be connected to a CPU module with the add-on connection for direct connection and hand-held connection for cable connection.

2) Applicable CPU modules and connection methods

Applicable CPU module			Connection method	
			Add-on	Hand-held
MELSEC-Q series	Q mode[*1]	Q02CPU, Q02HCPU, Q06HCPU, Q12HCPU, Q25HCPU	Not applicable	Applicable (with EPU20R2CBL cable)
	A mode	Q02CPU-A, Q02HCPU-A, Q06HCPU-A	Applicable	Applicable (with AC30R4-PUS cable)
MELSEC-A series		A0J2CPU, A0J2HCPU	Applicable	Applicable (with AC30R4-PUS cable)
		A1NCPU, A2NCPU, A2NCPU-S1, A3NCPU		
		A3HCPU, A3MCPU, A3VCPU, A73CPU, A373CPU		
		A2ACPU-S1, A3ACPU		
		A2UCPU-S1, A3UCPU, A4UCPU		
		A1SHCPU, A1SJHCPU, A2SHCPU	Not applicable	
		A2CCPUC24(-PRF), A2CJCPU-S3, A1FXCPU		
		A2USCPU-S1, A2USHCPU-S1		
MELSEC-QnA series		Q2ACPU-S1, Q3ACPU, Q4ACPU	Applicable	
		Q2ASCPU-S1, Q2ASHCPU-S1	Not applicable	

 *1: The EPU01 can be connected to a CPU module when the first five digits of the serial number are "02092" or higher.
     However, the EPU01 cannot be connected to a CPU module other than in above table.

MITSUBISHI ELECTRIC CORPORATION

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3) Comparison with models to be discontinued

Item			EPU01	A8UPU	Q6PU	A7PU
Connection method	Add-on		Refer to the applicable CPU modules.	One-touch connection to ACPU	One-touch connection to QnACPU	One-touch connection to ACPU
	Hand-held		Refer to the applicable CPU modules. *1	Connection with RS-422 cable		
External I/F	RS-422	Rear face	Add-on connection, hand-held connection with AC30R4-PUS cable	Add-on connection, hand-held connection with AC30R4-PUS cable		Add-on connection, hand-held connection with AC30R4/AC300R4 cable
		Right side	–	Hand-held connection with AC20R4-A8PU cable		–
		Top face	–	–		Hand-held connection with RS-422 cable
	Extension I/F		–	Not used	–	Audio cassette I/F
	RS-232	Right side	Hand-held connection with EPU20-20R2CBL cable	–		
External dimensions H×W×D [mm]			188×96×44.5 (D is 38 with the add-on connection.)	188×95×44.5 (D is 37.5 with the add-on connection.)		188×79×44.5 (D is 37.5 with the add-on connection.)

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Item			EPU01	A7PUS	A8PUJ	A8PUE
Connection method	Add-on		Refer to the applicable CPU modules	One-touch connection to ACPU	—	One-touch connection to ACPU
	Hand-held		Refer to the applicable CPU modules [*1]	Connection with RS-422 cable (AC30R4-PUS)	Connection with RS-422 cable	
External I/F	RS-422	Rear face	Add-on connection, hand-held connection with AC30R4-PUS cable	Add-on connection, hand-held connection with AC30R4-PUS cable	—	Add-on connection, hand-held connection with AC30R4-PUS cable
		Right side	—	—		Hand-held connection with AC20R4-A8PUE cable
		Top face	—	—	Hand-held connection with AC20R4-A8PU cable	Not used
	Extension I/F		—	—		
	RS-232	Right side	Hand-held connection with EPU20-20R2CBL cable	—		
External dimensions H×W×D [mm]			188×96×44.5 (D is 38 with the add-on connection.)	102×109×35.5 (D is 28 with the add-on connection.)	184×95×22.5 (H is 232 when the wall-hanging hook is used.)	188×95×44.5 (D is 28 with the add-on connection.)

*1: When connecting the EPU01 to MELSEC-A/QnA series with the hand-held connection, use the RS-422 connector on the back of the CPU module. The cable listed below is required for the connection.

Model	Connection cable
AC30R4-PUS	CPU-A8UPU/A7PUS connection cable (3m)

Revision history

Version	Print Date	Revision
-	January 2008	First edition
A	March 2008	[3. Schedule] • The A8PUJ and A7PUS are added to 1). • The A8PUJ and A7PUS are deleted from 2). • The A7PU is deleted from 3).
B	November 2008	[1. Models to be discontinued] • The EPU00E, alternative model to the A8PUE, is added. [5. EPU01] • The precaution for the EPU01 with the hand-held connection is added. • The specifications of the A8PUE are modified.