

## Product Discontinuation Notices

May 9, 2011

Programmable Controllers

No. 2011146E

### Discontinuation Notice of CVM1/CV Series and C500 I/O series

#### REQUEST

There was modification in portion of product discontinuation notices of Product News No. 2011146E of May 2011 issue. What we have changed is as follows;

- Changes date of discontinuation of C500-NC222 and C500-NC222-E (This was announced by another PRODUCT NEWS.)
- Tool connecting cables, connector covers are added to discontinuation model.
- Remove the teaching box (CVM1-MP702-V1, CVM1-MP703-V1, CV500-CN22A, CV500-CN42A, CV500-CN62A) from discontinuation models.
- Add ME-NET interface unit (CV500-TLK01) to discontinuation models.
- Add remark about replacement model for C500-ID212.

Please abolish old edition, replace the latest No. 2011146E.

#### Product Discontinuation CVM1/CV Series

#### Recommended Replacement CJ2/CS1 Series



**CVM1-CPU21-EV2**

**CJ2M-CPU15  
CS1G-CPU45H**

**Discontinuation date : The end of March, 2012**

#### Caution on recommended replacement

CVM1/CV/CVM1D CPU units, special I/O units and I/O units will be discontinued. Replacement of PLCs will require a amount of design change works (PLC Programming, unit setting, wiring and so on). Omron will provide repair and maintenance service for seven years after product discontinuation.

#### Difference from discontinued product

Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
CJ2 Series	--	--	--	--	--	--	--
CS1 Series	--	--	--	--	--	--	--

\*\* : Fully compatible

\* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

## Product Discontinuation and recommended replacement

### CPU units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV1000-CPU01-EV1	CS1G-CPU45H	CJ2M-CPU15
CV1000-CPU01-V1		
CV2000-CPU01-EV1		
CV2000-CPU01-V1		
CV500-CPU01-EV1		
CV500-CPU01-V1		
CVM1-CPU01-EV2		
CVM1-CPU01-V2		
CVM1-CPU11-EV2		
CVM1-CPU11-V2		
CVM1-CPU21-EV2		
CVM1-CPU21-V2		
CVM1D-CPU21	CS1D-CPU65H	---
CVM1D-DPL01	CS1D-DPL01	---

CVM1D-CPU21 and CVM1D-DPL01 are duplex system. Duplex system is not supported by CJ2 series.

### Backplanes

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-BC031	CS1W-BC032	---
CV500-BC051	CS1W-BC052	
CV500-BC101	CS1W-BC102	
CV500-BI042	CS1W-BI053	
CV500-BI062	CS1W-BI083	
CV500-BI111	CS1W-BI102	
CV500-BI112	CS1W-BI102	
CVM1-BC053	CS1W-BC052	
CVM1-BC103	CS1W-BC102	
CVM1-BI064	CS1W-BI083	
CVM1-BI114	CS1W-BI052	
CVM1D-BC051	CS1D-BC052	
CVM1D-BI101	CS1D-BI092	
CVM1D-BI102	CS1D-BI092	
C500-BI051	CS1W-BI052	
C500-BI081	CS1W-BI082	
C2000-BI082	CS1W-BI082	
C2000-BI083	CS1W-BI082	

Backplanes are not needed for CJ2 series.

### I/O Control Units, I/O Interface Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-II002	---	CJ1W-II101
C500-II101		CJ1W-II101
CV500-IC101		CJ1W-IC101
CV500-IC201		CJ1W-IC101
CV500-IC301		CJ1W-IC101
CV500-II101		CJ1W-II101
CV500-II201		CJ1W-II101

**Product Discontinuation and recommended replacement**

**Connecting Cables for Expansion Backplanes**

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-CN311	CS1W-CN313	CS1W-CN313
CV500-CN611	CS1W-CN713	CS1W-CN713
CV500-CN413	CS1W-CN713	CS1W-CN713
CV500-CN613	CS1W-CN713	CS1W-CN713
C500-CN122N	CS1W-CN223	CS1W-CN223
C500-CN222N	CS1W-CN223	CS1W-CN223
C500-CN312N	CS1W-CN313	CS1W-CN313
C500-CN512N	CS1W-CN713	CS1W-CN713
C500-CN812N	CS1W-CN223	CS1W-CN223

**Basic I/O Units**

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-IA121	CS1W-IA111	CJ1W-IA111
C500-IA122	CS1W-IA111	CJ1W-IA111
C500-IA222	CS1W-IA211	CJ1W-IA201
C500-IA223	CS1W-IA211	CJ1W-IA201
C500-ID112	CS1W-ID211	CJ1W-ID211
C500-ID114	CS1W-ID261	CJ1W-ID261
C500-ID212	CS1W-ID261(*)	CJ1W-ID261(*)
C500-ID213	CS1W-ID211	CJ1W-ID211
C500-ID215	CS1W-ID231	CJ1W-ID231
C500-ID218	CS1W-ID231	CJ1W-ID231
C500-ID218CN	CS1W-ID231	CJ1W-ID231
C500-ID219	CS1W-ID261	CJ1W-ID261
C500-ID501CN	CS1W-MD561	CJ1W-MD563
3G2A5-ID111	CS1W-ID211	CJ1W-ID211
3G2A5-ID411	CS1W-ID231	CJ1W-ID231
C500-IM211	CS1W-ID211	CJ1W-ID211
C500-IM212	CS1W-ID231	CJ1W-ID231
C500-MD211CN	CS1W-MD261	CJ1W-MD231
C500-OA225	CS1W-OA211	CJ1W-OA201
C500-OA226	CS1W-OA211	CJ1W-OA201
C500-OC221	CS1W-OC211	CJ1W-OA201
C500-OC223	CS1W-OC211	CJ1W-OC211
C500-OC224	CS1W-OC211	CJ1W-OC211
C500-OC224-E	CS1W-OC211	CJ1W-OC211
C500-OD211	CS1W-OD261	CJ1W-OD263
C500-OD212	CS1W-OD232	CJ1W-OD232
C500-OD213	CS1W-OD261	CJ1W-OD231
C500-OD215	CS1W-OC201	CJ1W-OC201
C500-OD217	CS1W-OD211	CJ1W-OD211
C500-OD218	CS1W-OD231	CJ1W-OD231
C500-OD219	CS1W-OD211	CJ1W-OD211
C500-OD411	CS1W-OD211	CJ1W-OD211
C500-OD411A	CS1W-OD211	CJ1W-OD211
C500-OD412	CS1W-OD231	CJ1W-OD231
C500-OD414	CS1W-OD231	CJ1W-OD231
C500-OD415CN	CS1W-OD231	CJ1W-OD231
C500-OD501CN	CS1W-MD561	CJ1W-MD563
C2000-ID216	CS1W-INT01	CJ1W-INT01

(\*) C500-ID212 is dynamic input type. CS1W-ID261 and CJ1W-ID261 are static input type.  
It is necessary to change external circuit and wiring.

## Product Discontinuation and recommended replacement

### Analog Input Units, Analog Output Units

Discontinuation model	Recommended replacement model		
	CS Series	CJ Series	
C500-AD001	CS1W-AD041-V1	CJ1W-AD041-V1	
C500-AD002			
C500-AD003			
C500-AD004			
C500-AD005			
C500-AD006			
C500-AD007			
C500-AD101	CS1W-AD081-V1	CJ1W-AD081-V1	
C500-AD501	CS1W-AD161		
C500-DA001	CS1W-DA041	CJ1W-DA021	
C500-DA002			
C500-DA003			
C500-DA004			
C500-DA005			
C500-DA101			
C500-DA103		CJ1W-DA041	
C500-DA501		CS1W-DA08V	CJ1W-DA08V
		CS1W-DA08C	CJ1W-DA08C

C500-AD501 has 16 points for input. Two CJ1W-AD081-V1 units are needed.

### Ethernet Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-ETN01	CS1W-ETN21	CJ1W-ETN21

### Controller Link Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CVM1-CLK12	CS1W-CLK13	CJ1W-CLK23
CVM1-CLK21	CS1W-CLK23	
CVM1-CLK52	CS1W-CLK53	

There are not optical type for CJ series.

### SYSMAC LINK Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-SLK11	CS1W-SLK11	CJ1W-CLK23
CV500-SLK21	CS1W-SLK21	

There are not SYSMAC LINK units for CJ series.

### DeviceNet Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CVM1-DRM21-V1	CS1W-DRM21-V1	CJ1W-DRM21

## Product Discontinuation and recommended replacement

### PC Link Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CVM1-LK401	CS1W-CLK23	CJ1W-CLK23
C500-LK009-V1		

There are not PC Link units for CS/CJ series.

### ME-NET interface Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-TLK01	CS1W-CLK23	CJ1W-CLK23

There are not ME-NET interface units for CS/CJ series.

### Host link units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-LK201	CS1W-SCU21-V1	CJ1W-SCU21-V1
	CS1W-SCB21-V1	CJ1W-SCU41-V1
	CS1W-SCB41-V1	

SCU21-V1/SCB21-V1 : RS232C 2 port, SCU41-V1/SCB-V1 : RS232C 1 port, RS485 1port.  
Build-in serial port in CS/CJ CPU units can be used.

### BASIC Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-BSC11	CS1W-SCU21-V1 CS1W-SCB21-V1 CS1W-SCB41-V1	CJ1W-SCU21-V1
CV500-BSC21		CJ1W-SCU41-V1
CV500-BSC31		
CV500-BSC41	CS1W-GPI01	
CV500-BSC51		
CV500-BSC61		

There are not BASIC units for CS/CJ series. Replacement methods are follows:

- 1) Ladder program or ST program in CPU unit.
- 2) Serial communication units.
- 3) Built-in serial port in CPU unit.

SCU21-V1/SCB21-V1 : RS232C 2 port, SCU41-V1/SCB-V1 : RS232C 1 port, RS485 1port.  
CS1W-GPI01 is for GP-IB interface (BSC51/61).

### ASCII Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-ASC04	CS1W-SCU21-V1	CJ1W-SCU21-V1

There are not ASCII unit for CS/CJ series. Replacement methods are follows:

- 1) Ladder program or ST program in CPU unit.
- 2) Serial communication units.
- 3) Built-in serial port in CPU unit.

### Motion Control Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-MC221	CS1W-MC221-V1	CJ1W-NC281
CV500-MC421	CS1W-MC421-V1	CJ1W-NC481

## Product Discontinuation and recommended replacement

### Position Control Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-NC111-V1	CS1W-NC113	CJ1W-NC113
C500-NC112	CS1W-NC133	CJ1W-NC113
C500-NC113	CS1W-NC113	CJ1W-NC113
C500-NC211	CS1W-NC213	CJ1W-NC213
C500-NC222 (*)	CS1W-MC221-V1	CJ1W-NC214
C500-NC222-E (*)	CS1W-MC221-V1	CJ1W-NC213
3G2A5-NC111-EV1	CS1W-NC113	CJ1W-NC113
C500-AE001	No recommended replacement	No recommended replacement

(\*) C500-NC222 and C500-NC222-E had been discontinued in the end of April, 2011. It's announced by another PRODUCT NEWS.

### High Speed Counter Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-CT001	CS1W-CT021	CJ1W-CT021
C500-CT021		

### Temperature Sensor Input Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-TS502-V1	CS1W-PTS56	CJ1W-PTS52

### Temperature Control Data link Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-TDL21	CS1W-SCU21-V1	CJ1W-SCU21-V1

Serial Communication Units or Built-in serial port in CPU units can be connect to Temperature Control Devices.

### Assembler Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-ASP01	No recommended replacement. Replaces by ladder program in CPU units.	No recommended replacement. Replaces by ladder program in CPU units.
C500-ASP02		

### Ladder Program I/O Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-LDP01-V1	No recommended replacement. Replaces by ladder program in CPU units.	No recommended replacement. Replaces by ladder program in CPU units.

## Product Discontinuation and recommended replacement

### ID Sensor Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-IDS01-V2	CS1W-V600C11	CJ1W-V600C11
C500-IDS02-V1		
C500-IDA02	No recommended replacement.	No recommended replacement.

Maximum length of CS1W-V600C11 and CJ1W-V600C11 is 60.5m.

### GP-IB Interface Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-GPI01	CS1W-GPI01	No recommended replacement.

### Dummy Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-DUM01	---	---
C500-SP001	CS1W-SP001	
C500-SP002		

### Programming Console

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CVM1-PRS21-EV2	C200H-PRO27	C200H-PRO27 (for CJ1 only)
CVM1-PRS21-V2		
CVM1-MP201-V2	---	---
C500-AP003		
C500-BP001		

Programming Console can not be used for CJ2 CPU units.

### Data Access Console

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV500-DAC11	No recommended replacement.	No recommended replacement.

### Extended DM Memory

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
CV1000-DM151	---	---
CV1000-DM251		
CV1000-DM641		

## Product Discontinuation and recommended replacement

### Memory Cards

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
HMC-EE151	HMC-EF183	HMC-EF183
HMC-EE641		
HMC-ES252		
HMC-ES552		
HMC-BAT01	---	---

### Memory Units

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-CCG01	No recommended replacement.	No recommended replacement.

### Link Adapters

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
3G2A9-AL002-E	No recommended replacement. Please contact the appropriate division.	No recommended replacement. Please contact the appropriate division.
3G2A9-AL002-PE		
3G2A9-AL004-E		
3G2A9-AL004-PE		
B500-AL001		
B500-AL002		
B500-AL002-P		
B500-AL004		
B500-AL004-P		
B500-AL007-P		

### Tool connection cables

#### (FIT10, Floppy disk interface, Programming console, conversion adaptor)

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-CN221	CS1W-CN226 CS1W-CIF31 (using USB port on PC)	CS1W-CN226 CS1W-CIF3 (using USB port on PC) USB cable is available for CJ2.
C500-CN506		
C500-CN523		
C500-CN124	---	---
3G2A2-CN221	---	---
CV500-IF002	---	---
C500-CN126	---	---
C500-CN127	---	---
CV500-CN225	---	---
CV500-CN525	---	---
CV500-CN228	---	---
CV500-CIF11	---	---
CV500-CIF21	---	---



## Product Discontinuation and recommended replacement

### Connector cover, A cover for I/O terminal blocks

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-COV02	C500-COV01 CV500-COV01	---
C500-COV03		
C500-COV12	---	---
C500-COV13		
C500-ATT01		
CV500-COV02		
CV500-COV03		
CV500-COV04		

### Spacers of isolation for Base Unit

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-ATT04	---	---
C500-ATT05		
CV500-ATT04		
CV500-ATT05		

### Others

Discontinuation model	Recommended replacement model	
	CS Series	CJ Series
C500-ETL01	No recommended replacement.	No recommended replacement.
C500-PIO01		
RAM-J		
C500-MCD01	---	---

SYSMAC BUS/2 unit (CV500-RM211, CV500-RM221, CV500-RT211, CV500-RT221) and SYSBUS unit (C500-RM201, C500-RT201) are also discontinued.

Power supply unit is available to buy for maintenance period. Discontinuation date is as follows:

Model	Discontinuation date
CVM1-PA208	The end of March, 2019
CV500-PS211	
CV500-PS221	
CV500-IPS01	
C500-PS222	
C500-PS212	
CVM1D-PA208	
CVM1D-PA212	