

Discontinuation Notice of C200H series Analog Output unit, C200H-DA002.**Product Discontinuation**

Analog Output Unit

**Model C200H-DA002****Recommended Replacement**

Analog Output Units

**Model CJ1W-DA041
Model CS1W-DA041****[Discontinuation date]**

The end of December, 2013

[Caution on recommended replacement]

If the customer is using C200H-DA002 installed on CS1 PLC backplane, replacing by CS1W-DA041 does not require the complete system to be changed.

If the customer is using C200H-DA002 installed on C200H PLC backplane, it's necessary to replace by CJ or CS PLC system. If it's difficult for the customer to replace PLC soon, the customer could consider replacing by C200H-DA003/004.

There are differences of specifications. Please refer to the operation manual.

[Difference from discontinued product]

Recommended replacement Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
CJ1W-DA041	--	--	--	--	*	*	--
CS1W-DA041	*	*	--	--	*	*	--

** : Compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
C200H-DA002	CJ1W-DA041
	CS1W-DA041

[Specifications]

Item	Product discontinuation Model C200H-DA002	Recommendable replacement Model			
		CJ1W-DA041	CS1W-DA041		
Number of analog input	4	4	4		
Resolution	Voltage outputs 8190 Current outputs 4095	4000 (note1)	4000 (note1)		
Conversion time	2.5ms max. /point	1ms max. /point	1ms max. /point		
Output signal range	±10V 4~20mA	0~5V 0~10V ±10V 1~5V / 4~20mA	0~5V 0~10V ±10V 1~5V / 4~20mA		
Max. Output impedance	Voltage output 0.5Ω	Voltage output 0.5Ω	Voltage output 0.5Ω		
Max. Output current	Voltage output 10mA	Voltage output 12mA	Voltage output 12mA		
Max. load resistance	Current output 350Ω	Current output 600Ω	Current output 600Ω		
Accuracy	Voltage Output	25°C	±0.3% max. FS	±0.3% max. FS	±0.3% max. FS
		0°C to 55°C	±0.5% max. FS	±0.5% max. FS	±0.5% max. FS
	Current Output	25°C	±0.5% max. FS	±0.5% max. FS	±0.5% max. FS
		0°C to 55°C	±1.0% max. FS	±0.8% max. FS	±0.8% max. FS
Number of Reserved Channels	10CH	10CH (note 2)	10CH (note 2)		
External connectors	19-point detachable terminal block	18-point detachable terminal block (note 3)	21-point detachable terminal block (note 3)		
Function					
Output hold function	None	Support	Support		

Note 1: Difference of Digital output values is as follows.

Output signal range	C200H-DA002	CS/CJ1W-DA041
-10.0 to 10.0V	8FFF to 0FFF	F830 to 07D0
1 to 5V, 4 to 20mA	0000 to 0FFF	0000 to 0FA0

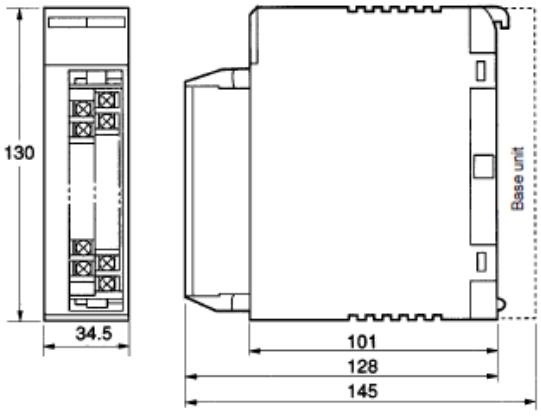
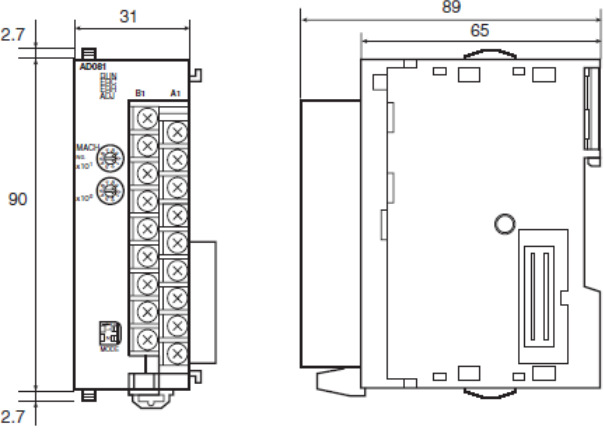
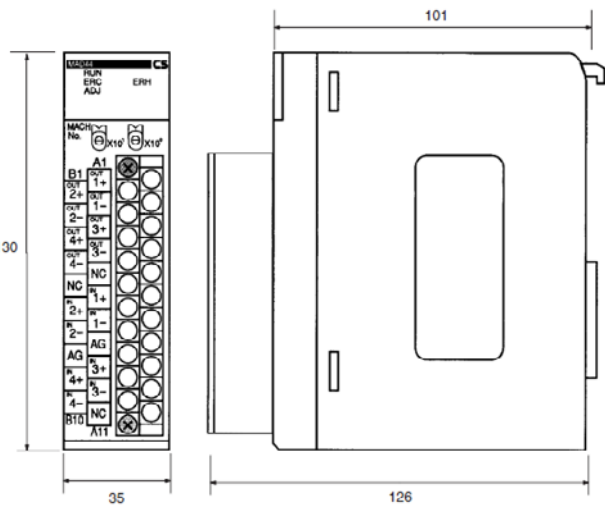
2: Exchanging Date allocation is different between C200H-DA002 and CS/CJ1W-DA041.
Please refer to each operation manuals for details.

3: It's necessary to rewire terminal block when replacing.

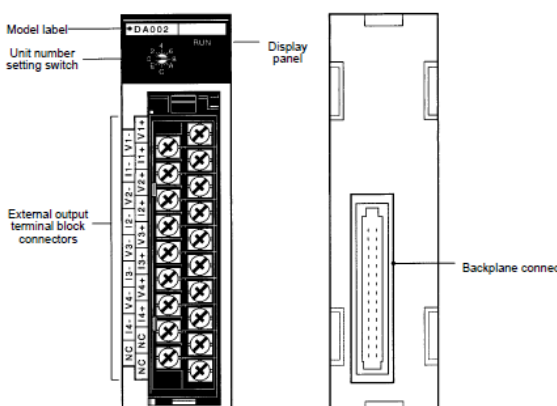
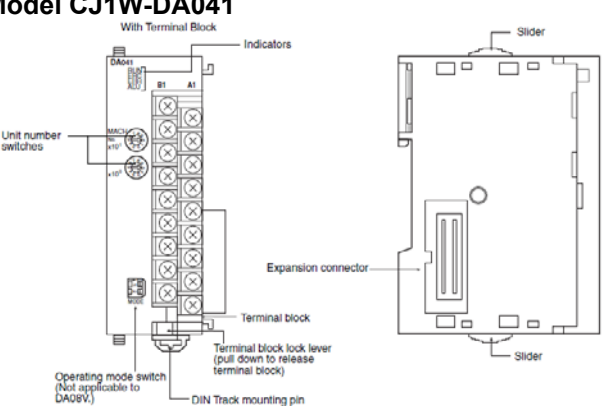
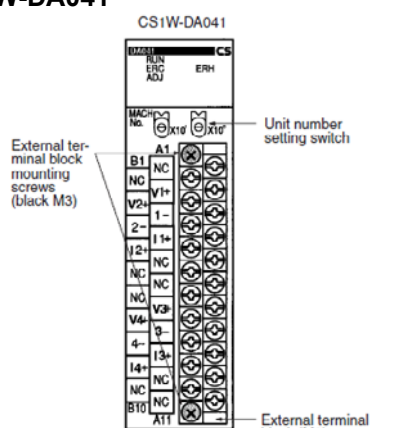
[Wire connection]

Product discontinuation Model C200H-DA002	Recommendable replacement																																																																																																																								
<p>Wire connection</p> <table border="1"> <tr><td>Voltage output 1 (-)</td><td>A0</td><td>B0</td><td>Voltage output 1 (+)</td></tr> <tr><td>Current output 1 (-)</td><td>A1</td><td>B1</td><td>Current output 1 (+)</td></tr> <tr><td>Voltage output 2 (-)</td><td>A2</td><td>B2</td><td>Voltage output 2 (+)</td></tr> <tr><td>Current output 2 (-)</td><td>A3</td><td>B3</td><td>Current output 2 (+)</td></tr> <tr><td>Voltage output 3 (-)</td><td>A4</td><td>B4</td><td>Voltage output 3 (+)</td></tr> <tr><td>Current output 3 (-)</td><td>A5</td><td>B5</td><td>Current output 3 (+)</td></tr> <tr><td>Voltage output 4 (-)</td><td>A6</td><td>B6</td><td>Voltage output 4 (+)</td></tr> <tr><td>Current output 4 (-)</td><td>A7</td><td>B7</td><td>Current output 4 (+)</td></tr> <tr><td>Not used.</td><td>A8</td><td>B8</td><td>Not used.</td></tr> <tr><td></td><td></td><td>B9</td><td>Not used.</td></tr> </table>	Voltage output 1 (-)	A0	B0	Voltage output 1 (+)	Current output 1 (-)	A1	B1	Current output 1 (+)	Voltage output 2 (-)	A2	B2	Voltage output 2 (+)	Current output 2 (-)	A3	B3	Current output 2 (+)	Voltage output 3 (-)	A4	B4	Voltage output 3 (+)	Current output 3 (-)	A5	B5	Current output 3 (+)	Voltage output 4 (-)	A6	B6	Voltage output 4 (+)	Current output 4 (-)	A7	B7	Current output 4 (+)	Not used.	A8	B8	Not used.			B9	Not used.	<p>Wire connection</p> <p>Model CJ1W-DA041</p> <table border="1"> <tr><td>Voltage output 2 (+)</td><td>B1</td><td>A1</td><td>Voltage output 1 (+)</td></tr> <tr><td>Output 2 (-)</td><td>B2</td><td>A2</td><td>Output 1 (-)</td></tr> <tr><td>Current output 2 (+)</td><td>B3</td><td>A3</td><td>Current output 1 (+)</td></tr> <tr><td>Voltage output 4 (+)</td><td>B4</td><td>A4</td><td>Voltage output 3 (+)</td></tr> <tr><td>Output 4 (-)</td><td>B5</td><td>A5</td><td>Output 3 (-)</td></tr> <tr><td>Current output 4 (+)</td><td>B6</td><td>A6</td><td>Current output 3 (+)</td></tr> <tr><td>N.C.</td><td>B7</td><td>A7</td><td>N.C.</td></tr> <tr><td>N.C.</td><td>B8</td><td>A8</td><td>N.C.</td></tr> <tr><td>0 V</td><td>B9</td><td>A9</td><td>24 V</td></tr> </table> <p>Model CS1W-DA041</p> <table border="1"> <tr><td>N.C.</td><td>B1</td><td>A1</td><td>N.C.</td></tr> <tr><td>Output voltage 2 (+)</td><td>B2</td><td>A2</td><td>Output voltage 1 (+)</td></tr> <tr><td>Output 2 (-)</td><td>B3</td><td>A3</td><td>Output 1 (-)</td></tr> <tr><td>Output current 2 (+)</td><td>B4</td><td>A4</td><td>Output current 1 (+)</td></tr> <tr><td>N.C.</td><td>B5</td><td>A5</td><td>N.C.</td></tr> <tr><td>N.C.</td><td>B6</td><td>A6</td><td>N.C.</td></tr> <tr><td>Output voltage 4 (-)</td><td>B7</td><td>A7</td><td>Output voltage 3 (+)</td></tr> <tr><td>Output 4 (-)</td><td>B8</td><td>A8</td><td>Output 3 (-)</td></tr> <tr><td>Output current 4 (+)</td><td>B9</td><td>A9</td><td>Output current 3 (+)</td></tr> <tr><td>N.C.</td><td>B10</td><td>A10</td><td>N.C.</td></tr> <tr><td></td><td></td><td>A11</td><td>N.C.</td></tr> </table>	Voltage output 2 (+)	B1	A1	Voltage output 1 (+)	Output 2 (-)	B2	A2	Output 1 (-)	Current output 2 (+)	B3	A3	Current output 1 (+)	Voltage output 4 (+)	B4	A4	Voltage output 3 (+)	Output 4 (-)	B5	A5	Output 3 (-)	Current output 4 (+)	B6	A6	Current output 3 (+)	N.C.	B7	A7	N.C.	N.C.	B8	A8	N.C.	0 V	B9	A9	24 V	N.C.	B1	A1	N.C.	Output voltage 2 (+)	B2	A2	Output voltage 1 (+)	Output 2 (-)	B3	A3	Output 1 (-)	Output current 2 (+)	B4	A4	Output current 1 (+)	N.C.	B5	A5	N.C.	N.C.	B6	A6	N.C.	Output voltage 4 (-)	B7	A7	Output voltage 3 (+)	Output 4 (-)	B8	A8	Output 3 (-)	Output current 4 (+)	B9	A9	Output current 3 (+)	N.C.	B10	A10	N.C.			A11	N.C.
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[Dimensions]

<p>Product discontinuation Model C200H-DA002</p>	<p>Recommendable replacement</p>
<p>Dimensions</p>  <p>Technical drawing showing the dimensions of Model C200H-DA002. It includes a side view with a height of 130 and a width of 34.5. A front view shows a width of 101, a depth of 128, and a total width including the base unit of 145. The base unit is indicated by a dashed line.</p>	<p>Dimensions</p> <p>Model CJ1W-DA041</p>  <p>Technical drawing showing the dimensions of Model CJ1W-DA041. The front view shows a height of 90, a width of 31, and mounting hole offsets of 2.7. The side view shows a depth of 65 and a total width of 89.</p> <p>Model CS1W-DA041</p>  <p>Technical drawing showing the dimensions of Model CS1W-DA041. The front view shows a height of 100 and a width of 35. The side view shows a depth of 101 and a total width of 126. The front view also includes a terminal block diagram with labels: MACH, RUN, SYNC, ADJ, ERH, MACH No. (X10), A1, B1, 1+, 1-, 2-, 3+, 4+, 4-, NC, 1+, 2-, 1-, 2-, AG, 3+, 4-, 4-, NC, ATT.</p>

[Operation methods]

<p style="text-align: center;">Product discontinuation Model C200H-DA002</p>	<p style="text-align: center;">Recommendable replacement</p>
<p>Component Names</p>  <p>Model label Unit number setting switch Display panel External output terminal block connectors Backplane connector</p>	<p>Component Names</p> <p>Model CJ1W-DA041</p>  <p>With Terminal Block Indicators Unit number switches Expansion connector Terminal block Terminal block lock lever (pull down to release terminal block) Operating mode switch (Not applicable to DA06V) DIN Track mounting pin Slider</p> <p>Model CS1W-DA041</p>  <p>CS1W-DA041 External terminal block mounting screws (black M3) Unit number setting switch External terminal block (M3)</p>

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