

Product Discontinuation Notices

July 4, 2011

Programmable Controllers

No. 2011198E

Discontinuation Notice of C200H series Analog unit C200H-AD001, C200H-DA001

Product Discontinuation

Recommended Replacement



C200H Series



CJ2/CS1 Series

Discontinuation date : The end of March, 2012

Caution on recommended replacement

There are differences of specifications. Please refer to the operation manual.
If CJ1W-AD041-V1 or CS1W-AD041-V1 are used, it is necessary to change whole PLC system.

Difference from discontinued product

Model	Body Color	Dimensions	Wire connection	Mounting Dimensions	Characteristics	Operation ratings	Operation methods
CJ1W-AD041-V1	--	--	--	--	*	*	--
CS1W-AD041-V1	*	*	--	*	*	*	--
C200H-AD003	**	**	--	**	*	*	*
CJ1W-DA041	--	--	--	--	*	*	--
CS1W-DA041	*	*	--	*	*	*	*
C200H-DA003	**	**	--	**	*	*	*
C200H-DA004	**	**	--	**	*	*	*

** : Fully compatible

* : The change is a little/Almost compatible

-- : Not compatible

- : No corresponding specification

Product Discontinuation and recommended replacement

Analog Input Unit

Discontinuation model	Recommended replacement model		
	CJ Series	CS Series	C200H Series
C200H-AD001	CJ1W-AD041-V1	CS1W-AD041-V1	C200H-AD003

Analog Out Unit

Discontinuation model	Recommended replacement model		
	CJ Series	CS Series	C200H Series
C200H-DA001	CJ1W-DA041	CS1W-DA041	C200H-DA003 C200H-DA004

Specifications

Analog Input Unit

	Discontinuation model	Recommended replacement model		
Model	C200H-AD001	CJ1W-AD041-V1	CS1W-AD041-V1	C200H-AD003
PLC series	CS series C200HX/HG/HE series	CJ series	CS series	CS series C200HX/HG/HE series
Number of analog input	4	4		8
Input signal range	Voltage input: 1 to 5V 0 to 10V Current input: 4 to 20mA	Voltage input: 1 to 5V 0 to 5V 0 to 10V -10 to 10V Current input 4 to 20mA		Voltage input: 1 to 5V 0 to 10V -10 to 10V Current input: 4 to 20mA
Max. input signal	Voltage input +/-15V Current input +/-30mA	Voltage input +/-15V Current input +/- 30mA		Voltage input +/-15V Current input +/-30mA
Input impedance	Voltage input 1M ohm Current input 250 ohm	Voltage input 1M ohm Current input 250 ohm		Voltage input 1M ohm Current input 250 ohm
Resolution	1/4000	1/4000 or 1/8000		1/4000
Converted data	12-bit binary	16-bit binary		16-bit binary
Conversion time	2.5ms max. /point	1ms or 250us max./point		1.0ms max./point
Isolation	Between input terminals and PC: photo coupler	Between input terminals and PC: photo coupler		Between input terminals and PC: photo coupler
External connections	19-pin terminal block (removable) M3.5	18-pin terminal block (removable) M3	21-pin terminal block (removable) M3	28-pin terminal block (removable) M3
Function				
Input range setting	O	O		O
Square root	O	X		X
Scaling	O	X		X
Mean value	O	O		O
Peak value	O	O		O
Upper and lower limit	X	X		X
Disconnection detection	O	O		O
Offset and gain adjustment	X	O		O

Specifications

Analog Output Unit

	Discontinuation model	Recommended replacement model			
Model	C200H-DA001	CJ1W-DA041	CS1W-DA041	C200H-DA003	C200H-DA004
PLC series	CS series C200HX/HG/HE series	CJ series	CS series	CS series C200HX/HG/HE series	
Number of analog Output	2	4		8	
Input signal range	Voltage input: 1 to 5V 0 to 10V Current input: 4 to 20mA	Voltage input: 1 to 5V 0 to 5V 0 to 10V -10 to 10V Current input 4 to 20mA		Voltage input: 1 to 5 V 0 to 10V -10 to 10V	Current input: 4 to 20mA
Max. input signal	0.5 ohm	0.5 ohm		0.5 ohm	-
Max. current output	15mA	12mA		12mA	-
Resolution	1/4095	1/4000		1/4000	
Converted data	12-bit binary	16-bit binary		16-bit binary	
Conversion time	2.5ms max./point	1ms max./point		1.0ms max./point	
Isolation	Between output terminals and PC: photo coupler	Between output terminals and PC: photo coupler		Between output terminals and PC: photo coupler	
External connections	19-pin terminal block (removable) M3.5	18-pin terminal block (removable) M3	21-pin terminal block (removable) M3	28-pin terminal block (removable) M3	
Function					
Output limit	O	X		X	
Upper and lower limit	O	X		X	
Pulse output	O	X		X	
Output hold	X	O		O	
Offset and gain adjustment	X	O		O	