

3-1 Specifications

3-1-1 General Specifications

All general specifications of the C200H-DA003/DA004 Analog Output Units conform to those of the C200H, C200HS, and C200HX/HG/HE Series.

3-1-2 Performance Specifications

Item		C200H-DA003	C200H-DA004
Number of analog outputs		8	
Output signal range (note 1)		0 to 10 V -10 to 10 V 1 to 5 V	4 to 20 mA
Output impedance		0.5 Ω max.	---
Max. output current		12 mA	---
Max. load resistance		---	600 Ω max.
Resolution		1/4000 (full scale)	
Set data		16-bit binary data	
Accuracy (note 2)	23 $^{\circ}$ \pm 2 $^{\circ}$ C	\pm 0.3% of full scale	\pm 0.5% of full scale
	0 $^{\circ}$ to 55 $^{\circ}$ C	\pm 0.5% of full scale	\pm 0.8% of full scale
Conversion time (note 3)		1.0 ms/point	
Isolation		Between input terminals and PC: photocoupler (No isolation between individual output signals.)	
External connectors		28-point terminal block (M3 screws)	
Power consumption		100 mA max. at 5 VDC	
		200 mA max. at 26 VDC	250 mA max. at 26 VDC
Dimensions		34.5 x 130 x 128 (W x H x D) mm (refer to <i>Appendix A Dimensions</i>)	
Weight		450 g max.	

- Note**
1. The output signal range can be set individually for each output.
 2. The accuracy is given for full scale. For example, an accuracy of \pm 0.3% means a maximum error of \pm 12 (BCD).
 3. This is the time required for converting and outputting the PC data. It takes at least one cycle for the data stored in the PC to be read by the Analog Output Unit.
By executing an I/O refresh, the conversion time may be extended by an additional 0.3 ms approximately.
 4. The default setting for the load resistance of the C200H-DA004 is 250 Ω . When using a load resistance other than 250 Ω , perform the offset and gain adjustment as required.