



Analog I/O Units

Analog Input Units



Unit classification	Product name	Input points	Signal range selection	Signal range	Resolution	Conversion speed	Accuracy (at ambient temperature of 25°C)	External connection	No. of unit numbers allocated	Current consumption (A)		Model				
										5 V	24 V					
CJ1 Special I/O Units	Analog Input Units 	4 inputs	Set separately for each input	1 to 5 V (1/10,000), 0 to 10 V (1/20,000), -5 to 5 V (1/20,000), -10 to 10 V (1/40,000), and 4 to 20 mA (1/10,000)		20 μs/1 point, 25 μs/2 points, 30 μs/3 points, 35 μs/4 points	Voltage: ±0.2% of F.S. Current: ±0.4% of F.S.	Removable terminal block	1	0.52	---	CJ1W-AD042 *1				
	Analog Input Units 	8 inputs								1 to 5 V, 0 to 5 V, 0 to 10 V, - 10 to 10 V, 4 to 20 mA	1/4000, (Settable to 1/8000) *2	1 ms/point max. (Settable to 250 μs/point) *2	Voltage: ±0.2% of F.S. Current: ±0.4% of F.S. *3	0.42	---	CJ1W-AD081-V1
		4 inputs												0.42	---	CJ1W-AD041-V1

*1 The direct conversion function using the AIDC instruction cannot be used.

*2 The resolution and conversion speed cannot be set independently. If the resolution is set to 1/4,000, then the conversion speed will be 1 ms/point.

*3 At 23 ±2°C


Analog Output Units

Unit classification	Product name	Output points	Signal range selection	Signal range	Resolution	Conversion speed	Accuracy (at ambient temperature of 25°C)	External connection	External power supply	No. of unit numbers allocated	Current consumption (A)		Model				
											5 V	24 V					
CJ1 Special I/O Units	Analog Output Units 	4 outputs	Set separately for each input	1 to 5 V (1/10,000), 0 to 10 V (1/20,000), and -10 to 10 V (1/40,000)		20 μs/ 1 point, 25 μs/ 2 points, 30 μs/ 3 points, 35 μs/ 4 points	±0.3% of F.S.	Removable terminal block	---	1	0.40	---	CJ1W-DA042V *1				
	Analog Output Units 	8 outputs									1 to 5 V, 0 to 5 V, 0 to 10 V, -10 to 10 V	1/4,000 (Settable to 1/8,000)	1 ms/point max. (Settable to 250 μs/point)	24 VDC ^{+10%} _{-15%} , 140 mA max.	0.14	0.14 *2	CJ1W-DA08V
		8 outputs									4 to 20 mA			24 VDC ^{+10%} _{-15%} , 170 mA max.	0.14	0.17 *2	CJ1W-DA08C
		4 outputs									1 to 5 V, 0 to 5 V, 0 to 10 V, -10 to 10 V, 4 to 20 mA	1/4000	1 ms/point max.	24 VDC ^{+10%} _{-15%} , 200 mA max.	0.12	0.2 *2	CJ1W-DA041
		2 outputs												24 VDC ^{+10%} _{-15%} , 140 mA max.	0.12	0.14 *2	CJ1W-DA021

*1 The direct conversion function using the AODC instruction cannot be used.

*2 This is for an external power supply, and not for internal current consumption

Analog I/O Units

Unit classification	Product name	No. of points	Signal range selection	Signal range	Resolution (See note.)	Conversion speed (See note.)	Accuracy (at ambient temperature of 25°C)	External connection	No. of unit numbers allocated	Current consumption (A)		Model
										5 V	24 V	
CJ1 Special I/O Units	Analog I/O Units 	4 inputs	Set separately for each input	1 to 5 V, 0 to 5 V, 0 to 10 V, -10 to 10 V, 4 to 20 mA	1/4,000 (Settable to 1/8,000)	1 ms/point (Settable to 500 μs/ point max.)	Voltage input: ±0.2% of F.S. Current input: ±0.2% of F.S. Voltage output: ±0.3% of F.S. Current output: ±0.3% of F.S.	Removable terminal block	1	0.58	---	CJ1W-MAD42
	2 outputs											

Note: The resolution and conversion speed cannot be set independently. If the resolution is set to 1/4,000, then the conversion speed will be 1 ms/point.