



● Isolated-type Resistance Thermometer Input Units

Unit classification	Product name	Input points	Signal range selection	Signal range	Conversion speed (resolution)	Accuracy (at ambient temperature of 25°C)	External connection	No. of unit numbers allocated	Current consumption (A)		Model	Standards
									5 V	24 V		
CJ1 Special I/O Units	Process Analog Input Units (Isolated-type Resistance Thermometer Input Units) 	4 inputs	Common inputs	Resistance thermometer: Pt100, JPt100	Conversion speed: 250 ms/4 inputs	Accuracy: ±0.3°C of PV or ±0.8°C, whichever is larger, ±1 digit max.	Removable terminal block	1	0.25	---	CJ1W-PTS52	UC1, CE

Note: This is for an external power supply, and not for internal current consumption.


● Isolated-type DC Input Units

Unit classification	Product name	Input points	Signal range selection	Conversion speed (resolution)	Accuracy (at ambient temperature of 25°C)	External connection	No. of unit numbers allocated	Current consumption (A)		Model	Standards
								5 V	24 V		
CJ1 Special I/O Units	Isolated-type DC Input Units 	2 inputs	DC voltage: 0 to 1.25 V, -1.25 to 1.25 V, 0 to 5 V, 1 to 5 V, -5 to 5 V, 0 to 10 V, -10 to 10 V, ±10 V selectable range DC current: 0 to 20 mA, 4 to 20 mA	Conversion speed: 10 ms/ 2 inputs Resolution: 1/64,000	Standard accuracy: ±0.05% of F.S.	Removable terminal block	1	0.18	0.09 (See note.)	CJ1W-PDC15	UC1, CE

Note: This is for an external power supply, and not for internal current consumption.


■ 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	Standards		
										5 V	24 V				
CJ1 Special I/O Units	Analog Input Units High-speed type 	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 The Direct conversion is provided.	Voltage: ±0.2% of F.S. Current: ±0.4% of F.S.	Removable terminal block	1	0.52	---	CJ1W-AD042	UC1, CE		
										0.42	---			CJ1W-AD081-V1	UC1, N, L, CE
										0.42	---				


Note 1. 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.
 2. 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	Standards
											5 V	24 V		
CJ1 Special I/O Units	Analog Output Units <small>High-speed type</small> 	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 The Direct conversion is provided.	±0.3% of F.S.	Removable terminal block	---	1	0.40	---	CJ1W-DA042V	UC1, CE	
	8 outputs	1 to 5 V, 0 to 5 V, 0 to 10 V, -10 to 10 V								1 ms/ point max. (Settable to 250 μs/point)	24 VDC +10% -15% , 140 mA max.	0.14	0.14 (See note.)	CJ1W-DA08V
	8 outputs	4 to 20 mA		1/4,000 (Settable to 1/8,000)	24 VDC +10% -15% , 170 mA max.	0.14	0.17 (See note.)	CJ1W-DA08C	UC1, N, CE					
	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.	Voltage output: ±0.3% of F.S. Current output: ±0.5% of F.S.	24 VDC +10% -15% , 200 mA max.	0.12	0.2 (See note.)	CJ1W-DA041	UC1, N, L, CE			
	2 outputs						24 VDC +10% -15% , 140 mA max.	0.12	0.14 (See note.)	CJ1W-DA021				

Note: 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	Standards
										5 V	24 V		
CJ1 Special I/O Units	Analog I/O Units 	4 inputs 2 outputs	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	UC1, N, L, CE

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.