

■ Analog Input Units

● Analog Input Units

Unit type	Product name	Specifications						Mountable Racks						No. of unit numbers allocated	Current consumption (A)		Model	
		I/O points	Signal range selection	Signal range	Resolution	Conversion speed	External connection	CPU Rack		C200HX/HG/HE Expansion I/O Rack	CS1 Expansion Rack		CS1 Long-distance Expansion Rack		SYSMAC BUS Slave Rack	5 V system		26 V system
								CS1W-BC			CS1W-BI							
								 3	 2		 3	 2						
CS1 Special I/O Units	Analog Input Units 	4 inputs	4 independent	1 to 5 V, 0 to 5 V, 0 to 10 V, -10 to 10 V, 4 to 20 mA	1/8,000 (Can also be set to 1/4,000.)	250 μs/ input (Can also be set to 1 ms/ input.)	Removable terminal block	Yes	Yes	No	Yes	Yes	Yes	No	1 unit number's words	0.12	0.09	CS1W-AD041-V1
		8 inputs	8 independent	1 to 5 V, 0 to 5 V, 0 to 10 V, -10 to 10 V, 4 to 20 mA	1/8,000 (Can also be set to 1/4,000.)	250 μs/ input (Can also be set to 1 ms/ input.)	Removable terminal block	Yes	Yes	No	Yes	Yes	Yes	No		0.12	0.09	CS1W-AD081-V1
		16 inputs	16 independent	1 to 5 V, 0 to 5 V, 0 to 10 V, -10 to 10 V, 4 to 20 mA	1/8,000 (Can also be set to 1/4,000.)	250 μs/ input (Can also be set to 1 ms/ input.)	MIL connector	Yes	Yes	No	Yes	Yes	Yes	No	2 unit numbers' words	0.15	0.06	CS1W-AD161
	Connector-Terminal Block Conversion Unit for CS1W-AD161	---						Slim terminal block Terminal: 34, dimension: 128 x 40 x 39 mm										XW2D-34G6
								Connection cable Cable length: 2 m										XW2Z-200C

● Isolated-type DC Input Units (Process I/O Units)

Unit type	Product name	Specifications				Mountable Racks						No. of unit numbers allocated	Current consumption (A)		Model		
		I/O points	Signal range	Conversion speed	External connection	CPU Rack		C200HX/HG/HE Expansion I/O Rack	CS1 Expansion Rack		CS1 Long-distance Expansion Rack		SYSMAC BUS Slave Rack	5 V system		26 V system	
						CS1W-BC □□3 □□2			CS1W-BI □□3 □□2								
CS1 Special I/O Units	Isolated-type DC Input Units 	4 inputs	4 to 20 mA, 0 to 20 mA, 0 to 10 V, ±10 V, 0 to 5 V, ±5 V, 1 to 5 V, 0 to 1.25 V, ±1.25 V	20 ms/ 4 inputs, 10 ms/ 2 inputs	Removable terminal block	Yes	Yes	No	Yes	Yes	Yes	No	1 unit number's words	0.12	0.12	CS1W-PDC11	
		8 inputs	4 to 20 mA, 0 to 10 V, 0 to 5 V, 1 to 5 V, ±5 V	250 ms/ 8 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.18	0.06	CS1W-PDC55	
		4 inputs	4 to 20 mA, 0 to 20 mA, 1 to 5 V, 0 to 5 V, ±5 V, 0 to 10 V, ±10 V	100 ms/ 4 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.15	0.16	CS1W-PDC01	
	Isolated-type 2-Wire Transmitter Input Unit 	4 inputs	4 to 20 mA, 1 to 5 V	100 ms/ 4 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.15	0.16	CS1W-PTW01	
		Power Transducer Input Unit 	8 inputs	0 to 1 mA, ±1 mA		200 ms/ 8 inputs	Yes	Yes	No	Yes	Yes	Yes		No	0.15	0.08	CS1W-PTR01
			DC Analog Input Unit (100 mV) 	8 inputs		0 to 100 mV, ±100 mV	200 ms/ 8 inputs	Yes	Yes	No	Yes	Yes		Yes	No	0.15	0.08