

■ Customizable Counter Units

Unit type	Product name	Specifications	Mountable Racks							No. of unit numbers allocated	Current consumption (A)		Model
			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	Customizable Counter Units 	Two-axis pulse input Two-axis pulse output 12 DC inputs 8 transistor outputs	Yes	Yes	No	Yes	Yes	Yes	No	1 unit number's words	0.80	---	CS1W-HCP22-V1
		Single-axis pulse input 1 analog input 2 analog outputs 12 DC inputs 8 transistor outputs	Yes	Yes	No	Yes	Yes	Yes	No		0.75	0.15	CS1W-HCA12-V1
		Two-axis pulse input 2 analog outputs 12 DC inputs 8 transistor outputs	Yes	Yes	No	Yes	Yes	Yes	No		0.75	0.15	CS1W-HCA22-V1
		12 DC inputs 8 transistor outputs	Yes	Yes	No	Yes	Yes	Yes	No		0.60	---	CS1W-HIO01-V1

■ Position Control Units

Unit type	Product name	Specifications		Mountable Racks							No. of unit numbers allocated	Current consumption (A)		Model		
				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			
		Control output interface	Number of axes	CS1W-BC □□3 □□2	CS1W-BI □□3 □□2											
CS1 Special I/O Units	Position Control Units 	Pulse-train, open-collector outputs	1 axis	Yes	Yes	No	Yes	Yes	Yes	No	1 unit number's words	0.25	---	CS1W-NC113		
			2 axes	Yes	Yes	No	Yes	Yes	Yes	No		0.25	---	CS1W-NC213		
			4 axes	Yes	Yes	No	Yes	Yes	Yes	No	2 unit numbers' words	0.36	---	CS1W-NC413		
		Pulse-train, line-driver outputs	1 axis	Yes	Yes	No	Yes	Yes	Yes	No	1 unit number's words	0.25	---	CS1W-NC133		
			2 axes	Yes	Yes	No	Yes	Yes	Yes	No		0.25	---	CS1W-NC233		
			4 axes	Yes	Yes	No	Yes	Yes	Yes	No	2 unit numbers' words	0.36	---	CS1W-NC433		
		Relay Unit for Servo	For use with the CS1W-NC1□3		Number of axes supported: 1										XW2B-20J6-1B	
			For use with the CS1W-NC2□3/NC4□3		Number of axes supported: 2										XW2B-40J6-2B	
			For use with the CS1W-NC□□3		Number of axes supported: 2, with communications support										XW2B-40J6-4A	
	Servo Relay Unit Connecting Cable (Position Control Unit end)	Open-collector output	For use with the CS1W-NC113	Connectable Servo Drive: G5 Series, G Series, W Series *, or SMARTSTEP 2					Number of axes supported: 1	Cable length: 0.5 m		XW2Z-050J-A6				
				Connectable Servo Drive: SMARTSTEP Junior or A Series						Cable length: 1 m		XW2Z-100J-A6				
			For use with the CS1W-NC213/NC413	Connectable Servo Drive: G5 Series, G Series, W Series *, or SMARTSTEP 2					Number of axes supported: 2	Cable length: 0.5 m		XW2Z-050J-A8				
				Connectable Servo Drive: SMARTSTEP Junior or A Series						Cable length: 1 m		XW2Z-100J-A8				
		Line-driver outputs	For use with the CS1W-NC133	Connectable Servo Drive: G5 Series, G Series, W Series *, or SMARTSTEP 2					Number of axes supported: 1	Cable length: 0.5 m		XW2Z-050J-A7				
				Connectable Servo Drive: SMARTSTEP Junior or A Series						Cable length: 1 m		XW2Z-100J-A7				
				Connectable Servo Drive: G5 Series, G Series, W Series *, or SMARTSTEP 2						Cable length: 0.5 m		XW2Z-050J-A9				
				Connectable Servo Drive: SMARTSTEP Junior or A Series						Cable length: 1 m		XW2Z-100J-A9				
			For use with the CS1W-NC233/NC433	Connectable Servo Drive: G5 Series, G Series, W Series *, or SMARTSTEP 2					Number of axes supported: 2	Cable length: 0.5 m		XW2Z-050J-A10				
				Connectable Servo Drive: SMARTSTEP Junior or A Series						Cable length: 1 m		XW2Z-100J-A10				
				Connectable Servo Drive: G5 Series, G Series, W Series *, or SMARTSTEP 2						Cable length: 0.5 m		XW2Z-050J-A12				
				Connectable Servo Drive: SMARTSTEP Junior or A Series						Cable length: 1 m		XW2Z-100J-A12				
			For use with the CS1W-NC233/NC433	Connectable Servo Drive: G5 Series, G Series, W Series *, or SMARTSTEP 2					Number of axes supported: 2	Cable length: 0.5 m		XW2Z-050J-A11				
				Connectable Servo Drive: SMARTSTEP Junior or A Series						Cable length: 1 m		XW2Z-100J-A11				
				Connectable Servo Drive: G5 Series, G Series, W Series *, or SMARTSTEP 2						Cable length: 0.5 m		XW2Z-050J-A13				
				Connectable Servo Drive: SMARTSTEP Junior or A Series						Cable length: 1 m		XW2Z-100J-A13				

*W-series is no longer available to order.