

Basic I/O Units

CS1 Basic I/O Units

Input Units

Unit type	Product name	Specifications	Mountable Racks							Words required	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		I/O bits: CIO 0000 to CIO 0319)	5 V system	
			CS1W-BC □□3 □□2	CS1W-BI □□3 □□2									
CS1 Basic I/O Units		24 VDC, 7 mA, 16 inputs	Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.10	---	CS1W-ID211
		24 VDC, 6 mA, 32 inputs	Yes	Yes	No	Yes	Yes	Yes	No	2 words	0.15	---	CS1W-ID231
		24 VDC, 7 mA, 64 inputs	Yes	Yes	No	Yes	Yes	Yes	No	4 words	0.15	---	CS1W-ID261
		24 VDC, approx. 5 mA, 96 inputs	Yes	Yes	No	Yes	Yes	Yes	No	6 words	0.20	---	CS1W-ID291
		100 to 120 VAC, 16 inputs 100 to 120 VDC, 16 inputs	Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.11	---	CS1W-IA111
		200 to 240 VAC, 16 inputs	Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.11	---	CS1W-IA211

Output Units

Unit type	Product name	Specifications		Mountable Racks						Words required	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 Basic I/O Units	 Relay Output Units	250 VAC or 120 VDC, 2 A max. Independent contacts, 8 outputs		Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.10	0.006 per simultaneously ON outputs	CS1W-OC201
		250 VAC or 120 VDC, 2 A max. 16 outputs		Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.13		CS1W-OC211
	 Transistor Output Units	12 to 24 VDC, 0.5 A 16 outputs	Sinking	Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.17	---	CS1W-OD211
		24 VDC, 0.5 A 16 outputs	Sourcing	Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.17	---	CS1W-OD212
		12 to 24 VDC, 0.5 A 32 outputs	Sinking	Yes	Yes	No	Yes	Yes	Yes	No	2 words	0.27	---	CS1W-OD231
		24 VDC, 0.5 A 32 outputs	Sourcing	Yes	Yes	No	Yes	Yes	Yes	No	2 words	0.27	---	CS1W-OD232
		12 to 24 VDC, 0.3 A 64 outputs	Sinking	Yes	Yes	No	Yes	Yes	Yes	No	4 words	0.39	---	CS1W-OD261
		24 VDC, 0.3 A 64 outputs	Sourcing	Yes	Yes	No	Yes	Yes	Yes	No	4 words	0.39	---	CS1W-OD262
		12 to 24 VDC, 0.1 A 96 outputs	Sinking	Yes	Yes	No	Yes	Yes	Yes	No	6 words	0.48	---	CS1W-OD291
		12 to 24 VDC, 0.1 A 96 outputs	Sourcing	Yes	Yes	No	Yes	Yes	Yes	No	6 words	0.48	---	CS1W-OD292
	 Triac Output Units	250 VAC, 2 A max. 8 outputs		Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.23 max. (0.07 + 0.02 × number of ON points)	---	CS1W-OA201 *
		250 VAC, 0.5 A max. 16 outputs		Yes	Yes	No	Yes	Yes	Yes	No	1 word	0.406 max. (0.07 + 0.021 × number of ON points)	---	CS1W-OA211

* Product no longer available to order.