



**Special I/O Units, CPU Bus Units, and Inner Boards**

**CS1 Special I/O Units, CPU Bus Units, and Inner Boards**

**Temperature Sensor Input Units (Process I/O Units)**

Unit type	Product name	Specifications					External connection	Mountable Racks					No. of unit numbers allocated	Current consumption (A)		Model	
		I/O points	Signal range selection	Signal range	Conversion speed	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	<b>Isolated-type Thermocouple Input Units</b> 	4 inputs	4 independent	B, E, J, K, L, N, R, S, T, U, WRe5-26, PL II, ±100 mV	20 ms/4 inputs, 10 ms/2 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.12	0.08	CS1W-PTS11
		4 inputs	4 independent	R, S, K, J, T, L, B	250 ms/4 inputs	Removable terminal block	Yes	Yes	No	Yes	Yes	Yes	No		0.25	---	CS1W-PTS51
		8 inputs	8 independent	R, S, K, J, T, L, B	250 ms/8 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.18	0.06	CS1W-PTS55
		4 inputs	4 independent	B, E, J, K, N, R, S, T, ±80mV	150 ms/4 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.15	0.15	CS1W-PTS01-V1
	<b>Isolated-type Resistance Thermometer Input Units</b> 	4 inputs	4 independent	Pt100 Ω (JIS, IEC), JPt100 Ω, Pt50 Ω, Ni508.4 Ω	20 ms/4 inputs, 10 ms/2 inputs		Yes	Yes	No	Yes	Yes	Yes	No	1 unit number's words	0.12	0.07	CS1W-PTS12
		4 inputs	4 independent	Pt100 Ω (JIS, IEC), JPt100 Ω	250 ms/4 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.25	---	CS1W-PTS52
		8 inputs	8 independent	Pt100 Ω (JIS, IEC), JPt100 Ω	250 ms/8 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.18	0.06	CS1W-PTS56
		4 inputs	4 independent	Pt100 Ω (JIS, IEC), JPt100 Ω	100 ms/4 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.15	0.15	CS1W-PTS02
	<b>Isolated-type Resistance Thermometer Input Unit (Ni508.4 W)</b>	4 inputs	4 independent	Ni508.4 Ω	100 ms/4 inputs		Yes	Yes	No	Yes	Yes	Yes	No		0.15	0.15	CS1W-PTS03