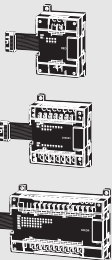
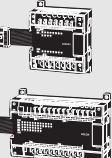


Expansion I/O Units and Expansion Units (for E30/40/60, S30/40/60, or N30/40/60 CPU Units)

E14/20 or N14/20 CPU Units do not support Expansion I/O Units and Expansion Units.

Unit type	Product name	Specifications			Current consumption (A)		Model	
		Inputs	Outputs	Output type	5 V	24 V		
CP1W Expansion I/O Units	Input Unit 	8	---	24 VDC Input		0.018	---	CP1W-8ED
	Output Units 	---	8	Relay		0.026	0.044	CP1W-8ER
				Transistor (sinking)		0.075	---	CP1W-8ET
				Transistor (sourcing)		0.075	---	CP1W-8ET1
		---	16	Relay		0.042	0.090	CP1W-16ER
				Transistor (sinking)		0.076	---	CP1W-16ET
				Transistor (sourcing)		0.076	---	CP1W-16ET1
		---	32	Relay		0.049	0.131	CP1W-32ER
				Transistor (sinking)		0.113	---	CP1W-32ET
				Transistor (sourcing)		0.113	---	CP1W-32ET1
	I/O Units 	12	8	Relay		0.103	0.044	CP1W-20EDR1
				Transistor (sinking)		0.130	---	CP1W-20EDT
				Transistor (sourcing)		0.130	---	CP1W-20EDT1
		24	16	Relay		0.080	0.090	CP1W-40EDR
				Transistor (sinking)		0.160	---	CP1W-40EDT
				Transistor (sourcing)		0.160	---	CP1W-40EDT1
CP1W Expansion Units	Analog Input Unit 	4CH	---	Input range: 0 to 5 V, 1 to 5 V, 0 to 10 V, ± 10 V, 0 to 20 mA, or 4 to 20 mA.	Resolution: 1/6000	0.100	0.090	CP1W-AD041
					Resolution: 1/12000	0.100	0.050	CP1W-AD042
	Analog Output Unit 	---	2CH	Output range: 1 to 5 V, 0 to 10 V, ± 10 V, 0 to 20 mA, or 4 to 20 mA.	Resolution: 1/6000	0.040	0.095	CP1W-DA021
		---	4CH		Resolution: 1/6000	0.080	0.124	CP1W-DA041
					Resolution: 1/12000	0.070	0.160	CP1W-DA042
	Analog I/O Unit 	4CH	4CH	Input range: 0 to 5 V, 1 to 5 V, 0 to 10 V, ± 10 V, 0 to 20 mA, or 4 to 20 mA. Output range: 1 to 5 V, 0 to 10 V, ± 10 V, 0 to 20 mA, or 4 to 20 mA.	Resolution: 1/12000	0.120	0.170	CP1W-MAD44
		4CH	2CH		Resolution: 1/12000	0.120	0.120	CP1W-MAD42
		2CH	1CH		Resolution: 1/6000	0.083	0.110	CP1W-MAD11
	Temperature Sensor Unit 	2CH	---	Sensor type: Thermocouple (J or K)		0.040	0.059	CP1W-TS001
		4CH	---	Sensor type: Thermocouple (J or K)		0.040	0.059	CP1W-TS002
		2CH	---	Sensor type: Platinum resistance thermometer (Pt100 or JPt100)		0.054	0.073	CP1W-TS101
		4CH	---	Sensor type: Platinum resistance thermometer (Pt100 or JPt100)		0.054	0.073	CP1W-TS102
		4CH	---	Sensor type: Thermocouple (J or K) 2channels can be used as analog input. Input range: 1 to 5 V, 0 to 10 V, 4-20 mA	Resolution: 1/12000	0.070	0.030	CP1W-TS003
		12CH	---	Sensor type: Thermocouple (J or K)		0.080	0.050	CP1W-TS004

I/O Connecting Cable

Product name	Specifications	Model
I/O Connecting Cable	80 cm (for CP1W Expansion I/O Units and Expansion Units) Only one I/O Connecting Cable can be used in each PLC.	CP1W-CN811