







**Application Model**

●Renewal-type

■N□□S1-type CP1E CPU Units (Built-in RS-232C, RS-485, USB ports)

Product name	Specifications						External power supply (24 VDC) (A)	Current consumption (A)		Model
	Power Supply	Inputs	Outputs	Output type	Program capacity	Data memory capacity		5 V	24 V	
N□□S1-type CPU Units with 30 I/O Points 	100 to 240 VAC	18	12	Relay	8K steps	8K words	0.30	0.21	0.07	CP1E-N30S1DR-A
	DC24V			Transistor (sinking)			--	0.27	0.02	CP1E-N30S1DT-D
				Transistor (sourcing)			--	0.27	0.02	CP1E-N30S1DT1-D
N□□S1-type CPU Units with 40 I/O Points 	100 to 240 VAC	24	16	Relay	8K steps	8K words	0.30	0.21	0.09	CP1E-N40S1DR-A
	DC24V			Transistor (sinking)			--	0.31	0.02	CP1E-N40S1DT-D
				Transistor (sourcing)			--	0.31	0.02	CP1E-N40S1DT1-D
N□□S1-type CPU Units with 60 I/O Points 	100 to 240 VAC	36	24	Relay	8K steps	8K words	0.30	0.21	0.13	CP1E-N60S1DR-A
	DC24V			Transistor (sinking)			--	0.31	0.02	CP1E-N60S1DT-D
				Transistor (sourcing)			--	0.31	0.02	CP1E-N60S1DT1-D

■N□□S-type CP1E CPU Units (Built-in RS-232C, USB ports)



Product name	Specifications						External power supply (24 VDC) (A)	Current consumption (A)		Model
	Power Supply	Inputs	Outputs	Output type	Program capacity	Data memory capacity		5 V	24 V	
N□□S-type CPU Units with 30 I/O Points 	100 to 240 VAC	18	12	Relay	8K steps	8K words	0.30	0.21	0.07	CP1E-N30SDR-A
	DC24V			Transistor (sinking)			--	0.27	0.02	CP1E-N30SDT-D
				Transistor (sourcing)			--	0.27	0.02	CP1E-N30SDT1-D
N□□S-type CPU Units with 40 I/O Points 	100 to 240 VAC	24	16	Relay	8K steps	8K words	0.30	0.21	0.09	CP1E-N40SDR-A
	DC24V			Transistor (sinking)			--	0.31	0.02	CP1E-N40SDT-D
				Transistor (sourcing)			--	0.31	0.02	CP1E-N40SDT1-D
N□□S-type CPU Units with 60 I/O Points 	100 to 240 VAC	36	24	Relay	8K steps	8K words	0.30	0.21	0.13	CP1E-N60SDR-A
	DC24V			Transistor (sinking)			--	0.31	0.02	CP1E-N60SDT-D
				Transistor (sourcing)			--	0.31	0.02	CP1E-N60SDT1-D

●Normal-type

■N/NA□□-type CP1E CPU Units (Built-in RS-232C, USB ports)


Product name	Specifications						External power supply (24 VDC) (A)	Current consumption (A)		Model
	Power Supply	Inputs	Outputs	Output type	Program capacity	Data memory capacity		5 V	24 V	
<b>N□□-type CPU Units with 14 I/O Points</b> 	100 to 240 VAC	8	6	Relay	8K steps	8K words	--	0.17	0.07	CP1E-N14DR-A
				Transistor (sinking)			--	0.22	0.02	CP1E-N14DT-A
				Transistor (sourcing)			--	0.22	0.02	CP1E-N14DT1-A
	24 VDC			Relay			--	0.17	0.07	CP1E-N14DR-D
				Transistor (sinking)			--	0.22	0.02	CP1E-N14DT-D
				Transistor (sourcing)			--	0.22	0.02	CP1E-N14DT1-D
<b>N□□-type CPU Units with 20 I/O Points</b> 	100 to 240 VAC	12	8	Relay	8K steps	8K words	--	0.18	0.08	CP1E-N20DR-A
				Transistor (sinking)			--	0.23	0.02	CP1E-N20DT-A
				Transistor (sourcing)			--	0.23	0.02	CP1E-N20DT1-A
	24 VDC			Relay			--	0.18	0.08	CP1E-N20DR-D
				Transistor (sinking)			--	0.23	0.02	CP1E-N20DT-D
				Transistor (sourcing)			--	0.23	0.02	CP1E-N20DT1-D
<b>N□□-type CPU Units with 30 I/O Points</b> 	100 to 240 VAC	18	12	Relay	8K steps	8K words	0.30	0.21	0.07	CP1E-N30DR-A
				Transistor (sinking)			0.30	0.27	0.02	CP1E-N30DT-A
				Transistor (sourcing)			0.30	0.27	0.02	CP1E-N30DT1-A
	24 VDC			Relay			--	0.21	0.07	CP1E-N30DR-D
				Transistor (sinking)			--	0.27	0.02	CP1E-N30DT-D
				Transistor (sourcing)			--	0.27	0.02	CP1E-N30DT1-D
<b>N□□-type CPU Units with 40 I/O Points</b> 	100 to 240 VAC	24	16	Relay	8K steps	8K words	0.30	0.21	0.09	CP1E-N40DR-A
				Transistor (sinking)			0.30	0.31	0.02	CP1E-N40DT-A
				Transistor (sourcing)			0.30	0.31	0.02	CP1E-N40DT1-A
	24 VDC			Relay			--	0.21	0.09	CP1E-N40DR-D
				Transistor (sinking)			--	0.31	0.02	CP1E-N40DT-D
				Transistor (sourcing)			--	0.31	0.02	CP1E-N40DT1-D

# CP1E-E□□(S)D□-□ CP1E-N□□(S□)D□-□/NA20D□-□

Product name	Specifications						External power supply (24 VDC) (A)	Current consumption (A)		Model
	Power Supply	Inputs	Outputs	Output type	Program capacity	Data memory capacity		5 V	24 V	
<b>N□□-type CPU Units with 60 I/O Points</b> 	100 to 240 VAC	36	24	Relay	8K steps	8K words	0.30	0.21	0.13	<b>CP1E-N60DR-A</b>
				Transistor (sinking)			0.30	0.31	0.02	<b>CP1E-N60DT-A</b>
				Transistor (sourcing)			0.30	0.31	0.02	<b>CP1E-N60DT1-A</b>
	24 VDC			Relay			--	0.21	0.13	<b>CP1E-N60DR-D</b>
				Transistor (sinking)			--	0.31	0.02	<b>CP1E-N60DT-D</b>
				Transistor (sourcing)			--	0.31	0.02	<b>CP1E-N60DT1-D</b>
<b>NA-type CPU Units with 20 I/O Points (Built-in analog)</b> 	100 to 240 VAC	12 (Built-in analog inputs: 2)	8 (Built-in analog outputs: 1)	Relay	8K steps	8K words	0.30	0.18	0.11	<b>CP1E-NA20DR-A</b>
	24 VDC			Transistor (sinking)			--	0.23	0.09	<b>CP1E-NA20DT-D</b>
				Transistor (sourcing)			--	0.23	0.09	<b>CP1E-NA20DT1-D</b>








## Optional Products

### ■ Battery Set

Product name	Specifications	Model
<b>Battery Set</b> 	For N/NA□□(S□)-type CP1E CPU Units <b>Note:</b> Mount a Battery to an N/NA□□(S□)-type CPU Unit if the data in the following areas must be backed up for power interruptions. <ul style="list-style-type: none"> <li>DM Area (D) (except backed up words in the DM Area), Holding Area (H), Counter Completion Flags (C), Counter Present Values (C), Auxiliary Area (A), and Clock Function (Use batteries within two years of manufacture.)</li> </ul>	<b>CP1W-BAT01</b>

### ■ Option Board (for CP1E N30/40/60 or NA20 CPU Units)

The Options cannot be used for CP1E N14/20, N30/40/60S(1), E10/14/20/30/40/60(S) CPU Units.

Product name	Specifications	Model
<b>RS-232C Option Board</b> 	One RS-232C Option Board can be mounted to the Option Board slot.	<b>CP1W-CIF01</b>
<b>RS-422A/485 Option Board</b> 	One RS-422A/485 Option Board can be mounted to the Option Board slot.	<b>CP1W-CIF11</b>
<b>RS-422A/485 Isolated-type Option Board</b> 		<b>CP1W-CIF12-V1</b>
<b>Ethernet Option Board</b> 	One Ethernet Option Board can be mounted to the Option Board slot. CP1E CPU Units are supported by CP1W-CIF41 version 2.0 or higher. When using CP1W-CIF41, CX-Programmer version 9.12 or higher is required.	<b>CP1W-CIF41</b>
<b>Analog Input Option Board</b> 	Can be mounted in CPU Unit Option Board slot. 2 analog inputs. 0-10V(Resolution:1/4000), 0-20mA (Resolution:1/2000).	<b>CP1W-ADB21 *</b>
<b>Analog Output Option Board</b> 	Can be mounted in CPU Unit Option Board slot. 2 analog outputs. 0-10V (Resolution:1/4000).	<b>CP1W-DAB21V *</b>
<b>Analog I/O Option Board</b> 	Can be mounted in CPU Unit Option Board slot. 2 analog inputs. 0-10V(Resolution:1/4000), 0-20mA(Resolution:1/2000). 2 analog outputs. 0-10V (Resolution:1/4000).	<b>CP1W-MAB221 *</b>

**Note:** It is not possible to use a CP-series Ethernet Option Board version 1.0 (CP1W-CIF41), LCD Option Board (CP1W-DAM01), or Memory Card (CP1W-ME05M) with a CP1E CPU Unit.

\* Support is provided with CP1E CPU Unit version 1.2 and later.