

CP1L

Model Number Structure

■ Model Number Legend(Not all models that can be represented with the model number legend can necessarily be produced.)

CP1L-□□□D□-□
 (1) (2) (3) (4) (5)

- | | | |
|--|---|--|
| 1. Expansion capability
E : Ethernet port
None : -
2. Program capacity
M : 10K steps
L : 5K steps | 3. Number of Built-In number I/O points
60 : 60 I/O points
40 : 40 I/O points
30 : 30 I/O points
20 : 20 I/O points
14 : 14 I/O points
10 : 10 I/O points | 4. Output classification
R : Relay outputs
T : Transistor Outputs (sinking)
T1 : Transistor Outputs (sourcing)
5. Power supply
A : AC
D : DC |
|--|---|--|

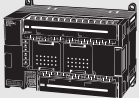
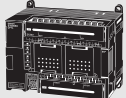
Ordering Information

Applicable standards

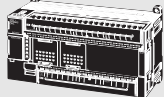
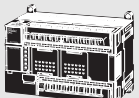
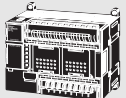
Refer to the OMRON website (www.ia.omron.com) or ask your OMRON representative for the most recent applicable standards for each model.

■ CPU Units

Built-in Ethernet port

CPU Unit	Specifications					Model
	CPU type	Power supply	Output method	Inputs	Outputs	
CP1L-EM CPU Units with 40 Points 	Memory capacity: 10K steps High-speed counters: 100 kHz, 4 axes Pulse outputs: 100 kHz, 2 axes (Models with transistor outputs only)	DC power supply	Relay output	24	16	CP1L-EM40DR-D
			Transistor output (sinking)			CP1L-EM40DT-D
			Transistor output (sourcing)			CP1L-EM40DT1-D
CP1L-EM CPU Units with 30 Points 	Memory capacity: 10K steps High-speed counters: 100 kHz, 4 axes Pulse outputs: 100 kHz, 2 axes (Models with transistor outputs only)	DC power supply	Relay output	18	12	CP1L-EM30DR-D
			Transistor output (sinking)			CP1L-EM30DT-D
			Transistor output (sourcing)			CP1L-EM30DT1-D
CP1L-EL CPU Units with 20 Points 	Memory capacity: 5K steps High-speed counters: 100 kHz, 4 axes Pulse outputs: 100 kHz, 2 axes (Models with transistor outputs only)	DC power supply	Relay output	12	8	CP1L-EL20DR-D
			Transistor output (sinking)			CP1L-EL20DT-D
			Transistor output (sourcing)			CP1L-EL20DT1-D

Built-in USB port

CPU Unit	Specifications					Model
	CPU type	Power supply	Output method	Inputs	Outputs	
CP1L-M CPU Units with 60 Points 	Memory capacity: 10K steps High-speed counters: 100 kHz, 4 axes Pulse outputs: 100 kHz, 2 axes (Models with transistor outputs only)	AC power supply	Relay output	36	24	CP1L-M60DR-A
			Transistor output (sinking)			CP1L-M60DT-A
		DC power supply	Relay output			CP1L-M60DR-D
			Transistor output (sinking)			CP1L-M60DT-D
			Transistor output (sourcing)			CP1L-M60DT1-D
CP1L-M CPU Units with 40 Points 	Memory capacity: 10K steps High-speed counters: 100 kHz, 4 axes Pulse outputs: 100 kHz, 2 axes (Models with transistor outputs only)	AC power supply	Relay output	24	16	CP1L-M40DR-A
			Transistor output (sinking)			CP1L-M40DT-A
		DC power supply	Relay output			CP1L-M40DR-D
			Transistor output (sinking)			CP1L-M40DT-D
			Transistor output (sourcing)			CP1L-M40DT1-D
CP1L-M CPU Units with 30 Points 	Memory capacity: 10K steps High-speed counters: 100 kHz, 4 axes Pulse outputs: 100 kHz, 2 axes (Models with transistor outputs only)	AC power supply	Relay output	18	12	CP1L-M30DR-A
			Transistor output (sinking)			CP1L-M30DT-A
		DC power supply	Relay output			CP1L-M30DR-D
			Transistor output (sinking)			CP1L-M30DT-D
			Transistor output (sourcing)			CP1L-M30DT1-D

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