

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 Unit

CP2E-N-type/Network model

Number of points	Specifications							Model	
	Power Supply	Inputs	Outputs	Output type	Program capacity	Data memory capacity	Current consumption		
							5 VDC		24 VDC
CPU Units with 14 points 	100 to 240 VAC	8 points	6 points	Relay	10K steps (FB capacity: 10K steps)	16K words	0.15 A	0.05 A	CP2E-N14DR-A
	24 VDC			Transistor (sinking)			0.21 A	0.02 A	CP2E-N14DT-A
				Relay			0.15 A	0.05 A	CP2E-N14DR-D
				Transistor (sinking)			0.21 A	0.02 A	CP2E-N14DT-D
				Transistor (sourcing)			0.22 A	0.02 A	CP2E-N14DT1-D
CPU Units with 20 points 	100 to 240 VAC	12 points	8 points	Relay			0.17 A	0.06 A	CP2E-N20DR-A
	24 VDC			Transistor (sinking)			0.27 A	0.02 A	CP2E-N20DT-A
				Relay			0.17 A	0.06 A	CP2E-N20DR-D
				Transistor (sinking)			0.27 A	0.02 A	CP2E-N20DT-D
				Transistor (sourcing)			0.26 A	0.02 A	CP2E-N20DT1-D
CPU Units with 30 points 	100 to 240 VAC	18 points	12 points	Relay			0.41 A	0.07 A	CP2E-N30DR-A
	24 VDC			Transistor (sinking)			0.52 A	0.03 A	CP2E-N30DT-A
				Relay			0.37 A	0.07 A	CP2E-N30DR-D
				Transistor (sinking)			0.51 A	0.03 A	CP2E-N30DT-D
				Transistor (sourcing)			0.51 A	0.03 A	CP2E-N30DT1-D
CPU Units with 40 points 	100 to 240 VAC	24 points	16 points	Relay			0.39 A	0.09 A	CP2E-N40DR-A
	24 VDC			Transistor (sinking)			0.59 A	0.03 A	CP2E-N40DT-A
				Relay			0.39 A	0.09 A	CP2E-N40DR-D
				Transistor (sinking)			0.59 A	0.03 A	CP2E-N40DT-D
				Transistor (sourcing)			0.59 A	0.03 A	CP2E-N40DT1-D
CPU Units with 60 points 	100 to 240 VAC	36 points	24 points	Relay			0.44 A	0.13 A	CP2E-N60DR-A
	24 VDC			Transistor (sinking)			0.71 A	0.03 A	CP2E-N60DT-A
				Relay			0.41 A	0.13 A	CP2E-N60DR-D
				Transistor (sinking)			0.71 A	0.03 A	CP2E-N60DT-D
				Transistor (sourcing)			0.71 A	0.03 A	CP2E-N60DT1-D

CP2E

CP2E-S-type/Standard model

Number of points	Specifications								Model
	Power Supply	Inputs	Outputs	Output type	Program capacity	Data memory capacity	Current consumption		
							5 VDC	24 VDC	
CPU Units with 30 points 	100 to 240 VAC	18 points	12 points	Relay	8K steps (FB capacity: 8K steps)	8K words	0.12 A	0.07 A	CP2E-S30DR-A
	24 VDC			Transistor (sinking)			0.28 A	0.02 A	CP2E-S30DT-D
				Transistor (sourcing)					CP2E-S30DT1-D
CPU Units with 40 points 	100 to 240 VAC	24 points	16 points	Relay	8K steps (FB capacity: 8K steps)	8K words	0.13 A	0.09 A	CP2E-S40DR-A
	24 VDC			Transistor (sinking)			0.34 A	0.02 A	CP2E-S40DT-D
				Transistor (sourcing)					CP2E-S40DT1-D
CPU Units with 60 points 	100 to 240 VAC	36 points	24 points	Relay	8K steps (FB capacity: 8K steps)	8K words	0.16 A	0.13 A	CP2E-S60DR-A
	24 VDC			Transistor (sinking)			0.48 A	0.02 A	CP2E-S60DT-D
				Transistor (sourcing)					CP2E-S60DT1-D

CP2E-E-type/Essential model

Number of points	Specifications							Model	
	Power Supply	Inputs	Outputs	Output type	Program capacity	Data memory capacity	Current consumption		
							5 VDC		24 VDC
CPU Units with 14 points 	100 to 240 VAC	8 points	6 points	Relay	4K steps (FB capacity: 4K steps)	4K words	0.06 A	0.04 A	CP2E-E14DR-A
CPU Units with 20 points 		12 points	8 points	Relay			0.08 A	0.06 A	CP2E-E20DR-A
CPU Units with 30 points 		18 points	12 points	Relay			0.12 A	0.07 A	CP2E-E30DR-A
CPU Units with 40 points 		24 points	16 points	Relay			0.13 A	0.09 A	CP2E-E40DR-A
CPU Units with 60 points 		36 points	24 points	Relay			0.16 A	0.13 A	CP2E-E60DR-A