

CJ1M-CPU13

Industrial automation components

Manufacturer	Omron
Catalog number	cj1m-cpu13
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.05 kgs
Interface Type	devicenet
Industrial Safety	plc
Signal Level	24 V
Safety Level	plc
Voltage	24 V

Description

The Omron CJ1M-CPU13 is a high-performance CPU unit designed for the CJ-series programmable logic controllers (PLCs). Operating at a supply voltage of 5 V, it offers a program capacity of 20,000 steps and data memory of 32,000 words, making it suitable for complex automation tasks. The unit supports a maximum of 320 I/O points and can accommodate up to 10 expansion units, providing flexibility for various system configurations. It features a high-speed processing time of 0.1 μ s for LD instructions and 13.3 μ s for floating-point calculations, ensuring rapid response times in demanding applications. The CJ1M-CPU13 is compatible with multiple programming languages, including Ladder Programming, Structured Text, Sequential Function Charts, and Instruction Lists, facilitating diverse programming approaches. Additionally, it supports structured programming using function blocks, enhancing program development efficiency. The unit is equipped with built-in protection functions to safeguard software resources and property. It is also compatible with the CX-One Integrated Tool Package, offering comprehensive support from PLC settings to network startup. For detailed specifications and additional information, refer to the manufacturer's datasheet.