

# PLC Programmable Controls: FP2 Specifications

Automation Control Products

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PLC Controls

- Communication Interfaces
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FP2

- FP Impulse Controller
- FPWIN-PRO Software
- FPWIN-GR Software

HMI Panels

Industrial Sensors

Laser Markers

Servos & Drives

UV Curing Systems

Machine Vision/ID Products

Timers

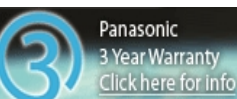
Limit Switches

Temperature Controllers

Counters

Hour Meters

Power Meters



- Overview
- Part Numbers
- Specifications**
- Dimensions
- Expansion Units
- Software

Specifications for this product appear below.

[Download FP2 product catalog in PDF format for more in-depth information](#)



Item		Description		
		FP2-C2L	FP2-C2	
Power supply / I/O Specifications	Power supply	100 V to 120 V AC / 200 V to 240 V AC/100 V to 240 V AC, 24 V DC (varies with different models)		
	Input	12 V to 24 V DC, 24 VDC ±common		
	Output	Relay 2 A to 5 A / Transistor 0.1 A to 0.5 A (varies with different models)		
Performance Specifications	Number of I/O points	Up to 2048 points		
	Expansion	Up to 1 backplane Max. number of I/O points: 2048 Remote I/O: 8192 points		
	Operation speed	0.03µs/step (Basic instruction)		
	Built-in memory	RAM (ROM/Small PC card is optional)		
	Memory capacity	Approx.32k steps	Approx. 60k steps/Approx. 120k steps (varies with different models)	
	Operation memory	Internal relay	14192 points	
		Timer/Counter (T/C)	1024 points in total	3072 points in total
Data register		10240 words		
File register		32765 words	32765 words × 3 banks	
Special Functions	Analog I/O	Available by adding analog input and analog output units.		
	High speed counter	Available by adding high-speed counter unit. (Max. 200 kHz)		
	Pulse output	Positioning unit 2-axis Positioning unit 4-axis		
	RS232C	RS232C port is standard equipped on CPU unit. Expandable by adding C.C.U. and serial data unit.		
	Interrupt input	Available by adding high-speed counter unit or pulse I/O unit.		
Special Network Functions	Remote I/O	S-LINK, MEWNET-F		
	PLC Link	MEWNET-W (Wire) MEWNET-W2 (Wire)		
	Computer Link	Linkable by using tool port or COM. port on CPU unit. Also available by adding C.C.U.		
	Modem connection	Available		
Other Built-in Functions	Program block-edit during RUN	Available		
	Constant scan	Available		
	Clock/Calendar function	Built-in type		