

1 MP920 Overview and Features

1.1.2 List of Modules

1.1.2 List of Modules

Table 1.1 lists the Modules and devices used for the MP920 system.

Table 1.1 List of Modules

Group	Name	Model Number	Description	Slots Used	Remarks
Power Supply Modules	DC Power Supply Module	JEPMC-PS200	PS-03	Dedicated	24-VDC input power supply
	AC Power Supply Module	JEPMC-PS210	PS-01	Dedicated	100/200-VAC input power supply
CPU Modules	CPU Module	JEPMC-CP200	CPU-01	2	MP920 CPU (2-MB memory)
	CPU Module	JEPMC-CP210	CPU-02	2	MP920 CPU (4-MB memory)
I/O Modules	Input Module	JEPMC-IO200	DI-01	1	64 input points
	Output Module	JEPMC-IO210	DO-01	1	64 output points
	I/O Module	JEPMC-IO220	LIO-01	1	32 input points and 32 output points
Servo Modules	4-axis Servo Module	JEPMC-MC200A	SVA-01A	2	4-axis servo for analog output
	2-axis Servo Module	JEPMC-MC220A	SVA-02A	1	2-axis servo for analog output
	MECHATROLINK Interface Servo Module	JEPMC-MC210	SVB-01	1	MECHATROLINK interface servo (14 axes max.)
Pulse Modules	Pulse Input Module	JEPMC-PL200	CNTR-01	1	4-channel pulse input
	Pulse Output Module	JEPMC-PL210	PO-01	1	4-channel pulse output
Analog Modules	Analog Input Module	JEPMC-AN200	AI-01	1	4-channel analog input
	Analog Output Module	JEPMC-AN210	AO-01	1	4-channel analog output
Communications Module	Communications Module	JEPMC-CM200	217IF	1	RS-232C/RS422 communications
	Communications Module	JEPMC-CM210A	218IFA	1	Ethernet communications
	Communications Module	JEPMC-CM220	215IF	1	215IF communications
	Communications Module	JEPMC-CM230	260IF	1	DeviceNet interface module
Expansion Module	Expansion Interface Module	JEPMC-EX200	EXIOIF	1	System bus expansion interface
Mounting Bases	Long Mounting Base	JEPMC-MB200	MB-01	–	Long mounting base (power supply + 9 slots)
	Short Mounting Base	JEPMC-MB210	MB-02	–	Short mounting base (power supply + 6 slots)

2.1 Specifications

■ CPU Module (CPU-01)

Table 2.4 shows the hardware specifications of the CPU-01 Module.

Table 2.4 Hardware Specifications of the CPU-01 Module

Item	Specifications	
Name	CPU Module	
Model Number	JEPMC-CP200	
Description	CPU-01	
Memory	FLASH	2MB
	SRAM	2MB (battery backup)
Communications Ports	RS-232C × 2 ports Baud rate: 9.6/14.4/19.2 kbps Female 9-pin D-sub connector (special pin assignments) Protocols: • MEMOBUS • No protocol • MELSEC	
Current Consumption	980 mA	
Indicators	Module status LED indicators READY (green) RUN (green) ALM (red) ERR (red) BATALM (red) PRT2 (green) PRT1 (green)	
Setting Switch	Mode setting DIP switch L.RST RUN/STOP INITIAL TEST – MULTI FLASH M.RST	
Dimensions (mm)	80 × 130 × 105 (W × H × D)	

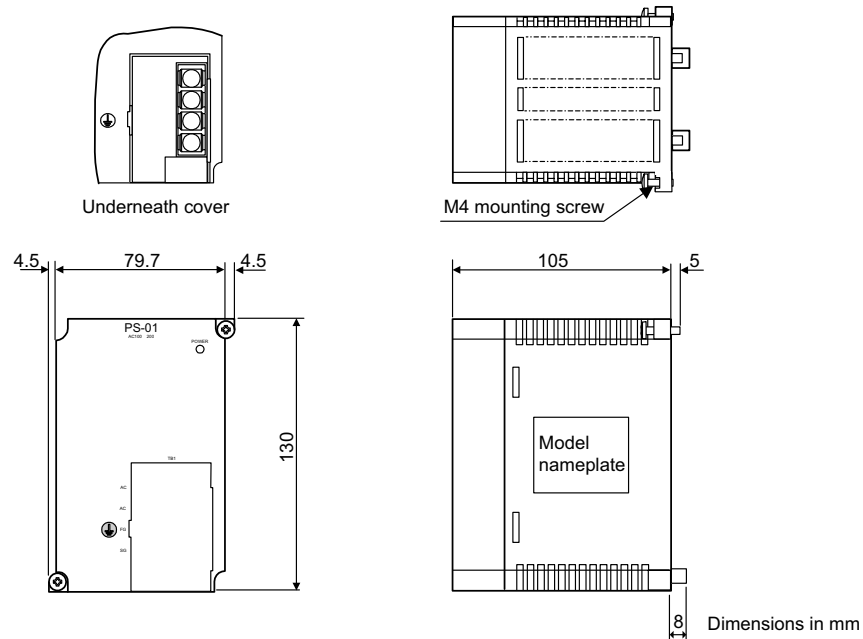
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A.1 Module Dimensional Drawings

■ Power Supply Module (AC Input)

Description: PS-01

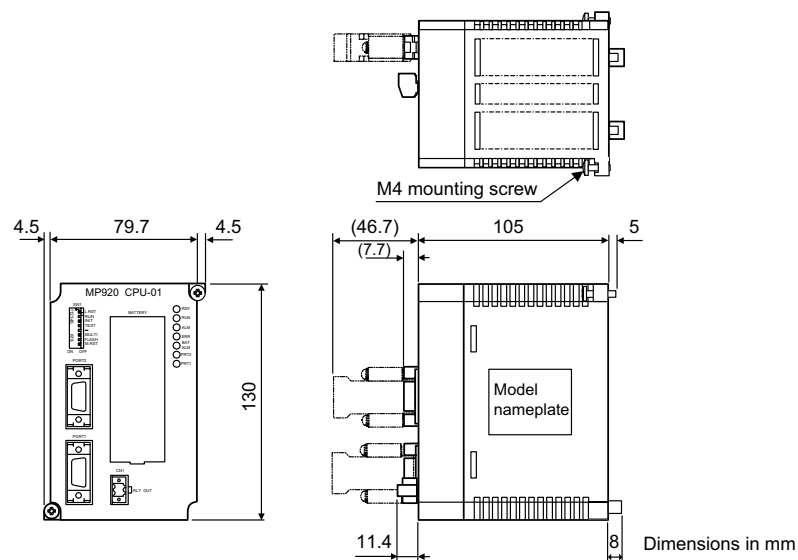
Model: JEPMC-PS210



■ CPU Module (CPU-01)

Description: CPU-01

Model: JEPMC-CP200





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PRODUCT: JEPMC-CP200 / MP920 CPU-01 Module

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