CSK PMC









Controllers for Stepping Motors

Additional Information

Technical ReferenceF-	۱
General Information	١,

MP400 Series ·····	······C-25 ²
G8030J	·····C-266

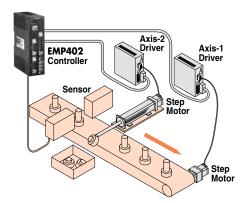
Controllers for Stepping Motors

EMP400 Series

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- Coordinated 2-axis moves via linear interpolation operation
- Step pulse rate up to 200 kHz
- General I/O: 8 inputs and 6 outputs
- Optional **OP300** operator interface unit available
- Ability to change velocity "on the fly"
- Also available as a single axis controller





SG8030J

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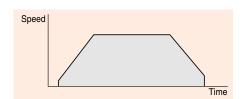
- Compact and simple controller
- Sequence control of four positioning operations
- Selective control of four positions
- Select operating modes using a programmable controller
- Step pulse rate up to 200 kHz



DIN Rail-Mount Model **SG8030J-D**

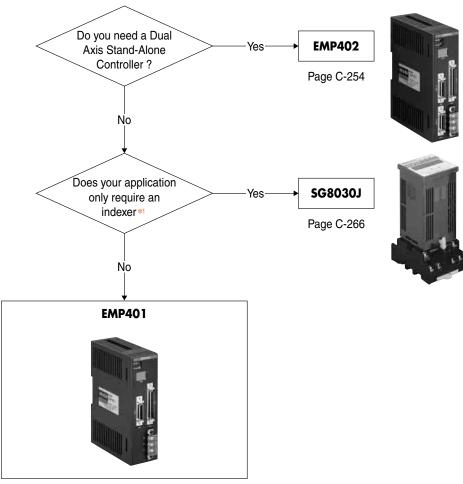


Panel-Mount Model **SG8030J-U**



Controller Selection Guide

Based on the needs of your application, determine the controller which best fits your needs.



^{*1} An Indexer is a device that provides step and direction output pulses, but does not have general (programmable) inputs or outputs.

Controller Comparison

	Dual Axis Motion Control	Serial Communication Port (RS232C)	Sequences	Startup Program *	Homing Function	Maximum Pulse Frequency	Inputs	Outputs
EMP402	YES	YES	33 (1000 commands max.)	YES	YES	200 kHz	8 General + 22 Dedicated	6 General + 10 Dedicated
EMP401	NO	YES	33 (1000 commands max.)	YES	YES	200 kHz	8 General + 15 Dedicated	6 General + 7 Dedicated
SG8030J	NO	NO	1 Sequence or 4 Data Positions	NO	YES	200 kHz	6 Dedicated	3 Dedicated

^{*} A startup program executes when the controller is powered on. The **SG8030J** uses a START input to execute a sequence.