

WHY CHOOSE MELSERVO-J5 ETHERCAT?



- Industry leading performance
- High-quality
- Predictive maintenance
- Quick start-up
- Functional safety

Mitsubishi Electric Servo products set the standard for performance in the world of factory automation. MELSERVO-J5 products offer FSoE (fail-safe over EtherCAT) capabilities with approved EtherCAT Masters that support CiA 402 drive profiles. Protect machine operators and devices with standard safety subfunctions over your EtherCAT network.

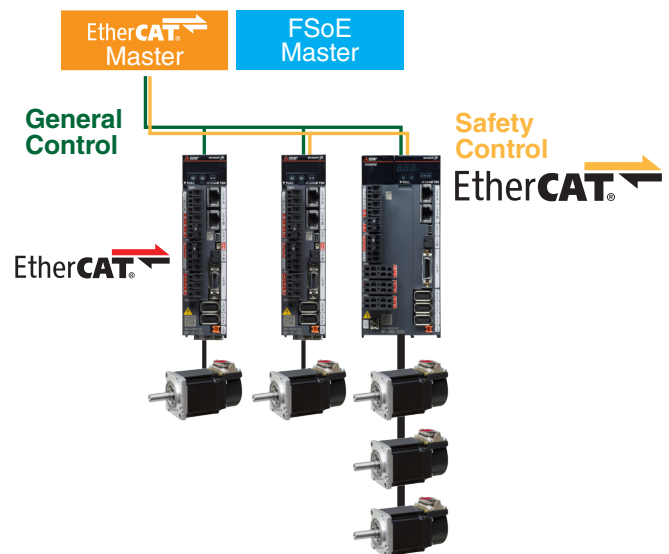
TESTED ETHERCAT MASTERS:

The following EtherCAT Masters have confirmed compatibility with Mitsubishi Electric servo amplifiers.

- BECKOFF*
- OMRON
- CODESYS*
- TRIO Motion Technology
- Robotic Systems Integration (RSI)
- MORE

There are hundreds of EtherCAT Master manufacturers. Don't see yours on the list? Reach out to ServoProductManagement@MEAU.com with details of your request and confirm compatibility.

* FSoE (fail-safe over EtherCAT) capable



Fail Safe over EtherCAT

Model Name	MR-J5-N1 FSOE
Safety Communication	Fail Safe over EtherCAT (FsoE)
Communication Period	Single axis: 0.25ms / 0.5ms / 1ms / 2ms / 5ms / 8ms Multi-axis: 0.5ms / 1ms / 2ms / 4ms / 8ms
Safety Monitoring Function	STO / SS1 / SS2 / SOS / SBC / SLS / SSM / SDI / SLT (Category 4, Ple and SIL 3)

Servo Motors

Future release planned

Series	Inertia	Power Supply	Capacity
HK-KT	Low Inertia	200 VAC	50 W to 2.0 kW
		400 VAC	400 W to 2.0 kW
HK-ST	Medium Inertia	200 VAC	500 W to 7.0 kW Up to 11.0 kW
		400 VAC	500 W to 3.5 kW Up to 11.0 kW
HK-MT	Ultra-low Inertia	200 VAC	50 W to 1.0 kW
		400 VAC	50 W to 1.0 kW
HK-RT	Ultra-low Inertia	200 VAC	1.0 kW to 7.0 kW
		400 VAC	1.0 kW to 7.0 kW

0.1 kW1.0 kW10 kW

Servo Amplifiers

Future release planned

Model	Power Supply	Command Interface	Capacity
MR-J5-G-RJ	200 VAC	EtherCAT®	0.1 kW to 7.0 kW Up to 22 kW
	400 VAC		0.6 kW to 7.0 kW Up to 22 kW

0.1 kW1 kW10 kW

More Information

For more information about MELSERVO-J5 products, visit our website below.

MELSERVO-J5 INFORMATION



Download Quick Start Guide by visiting the link below.

QUICK START GUIDE



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