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Product News

SANYO DENKI Develops Multi-Axis Servo Amplifier With EtherCAT Interface

April 23, 2015

SANYO DENKI CO., LTD has expanded its lineup of SANMOTION R ADVANCED MODEL servo systems with newly developed EtherCAT interface multi-axis servo amplifiers. This DC power servo system can control 4 axes. It is ideal for chip mounters, semiconductor manufacturing equipment, and conveying machines.



Features

1. High-Speed Fieldbus EtherCAT Interface

With 100 Mbps communication speed and 125 μsec minimum cycle time, commands such as for positioning or speed can be further subdivided for smooth device operation.

2. Compact

This compact and space-saving 4-axis servo amplifier is ideal for chip mounters and other devices where space is limited.

3. Energy Efficient

Regenerative power can be used to drive other motors, contributing to making devices energy-efficient.

Specifications

Structure	Enclosure type
Input power	Control power: 24 VDC ±10%, Main circuit power: 48 VDC ±10%
Dimensions	W50 mm × H200 mm × D130 mm
No. of axes	Up to 4 (EtherCAT interface)
Output capacity per axis	Model no. RF2J24A0HL5: 20 W to 30 W / axis Model no. RF2K24A0HL5: 20 W to 200 W / axis
Total amplifier output capacity	Model no. RF2J24A0HL5: 120 W max. Model no. RF2K24A0HL5: 300 W max.
Device profile	CAN application protocol over EtherCAT (CoE)
Safety function	Safe Torque Off (STO)
Synchronization function	Each axes' encoder signal is fed back within the Control Unit, enabling tandem operation of servo motors

Contact us for specifications with 24 VDC input power (main circuit power).

Applications

Chip mounters, semiconductor manufacturing equipment, and conveying machines

Release Date

May 25, 2015

Price

Open

*The information stated in this release is current as of April 23, 2015.
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