Kinetix 6200 Modular Multi-axis Servo Drives, Version 17, Firmware Revision 1.003

Kinetix 6200 Modular Servo Drive Components	Cat. No. (460V)
IAM Power Modules	2094-BC01-MP5-M
	2094-BC01-M01-M
	2094-BC02-M02-M
AM Power Modules	2094-BMP5-M
	2094-BM01-M
	2094-BM02-M
Control Module	2094-SE02F-M00-S1

About This Publication

This publication contains release notes for Kinetix 6200 drive firmware revision 1.003 when used with RSLogix 5000 software, version 17.

IMPORTANT If you currently use a Custom RSLogix 5000 Motion Database in RSLogix 5000 software, versions 12…16, you will need an updated motion database to use RSLogix 5000 software, version 17. To initiate the process of getting the database updated, please email your request to raeptechsupport@ra.rockwell.com. If your current database includes non-Rockwell Automation motors, please include any prior technical support case numbers.

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Enhancement with Firmware Revision 1.003

This enhancement corresponds to Kinetix 6200 drive firmware revision 1.003 or later, when used with RSLogix 5000 software, version 17.

Support has been added for configuration of safe-speed monitoring safety functionality when using the 2094-SE02F-M00-S1 control module. Refer to Additional Resources on for customer documentation supporting the Kinetix 6200 drive family.

The Kinetix 6200 servo drive has advanced safety features that help manufacturers protect personnel and improve production efficiency. Leveraging the proven performance of the Kinetix 6000 family, the Kinetix 6200 drive includes features, such as safe stop, zero speed monitoring, safe direction monitoring, and safe maximum acceleration monitoring. The safety features help improve machine operating efficiencies by providing safer access to guarded areas while a machine or process continues operation under limited conditions.

The Kinetix 6200 servo drive helps simplify maintenance and can easily transition from safe-off to safe speed functionality.

The Kinetix 6200 drive also embeds safety technology to help eliminate the need for additional panel space and wiring typically required when using an external safety monitor.

The Kinetix 6200 safe speed drive is designed for applications that guard against personal injury or machinery damage, and require safe speed monitoring. Typical applications include smart conveyors, automotive assembly lines, food and beverage, and web-based applications.

Restrictions

These restrictions apply when using RSLogix 5000 software in conjunction with a 1756-M*xx*SE (ControlLogix), 1768-M04SE (CompactLogix), or 1784-PM16SE (SoftLogix) SERCOS module, and Kinetix 6200 servo drives:

- When using the 2094-BSP2 shunt module with 2094-BC*xx*-M*xx*-M power modules, you must use Motion Database 5.12.1 or later. Contact Rockwell Automation Technical Support for more information.
- When using RSLogix 5000 software, version 17 or later, the SERCOS node address of all modules must be 001…099.

Additional Resources

These documents contain additional information concerning related Rockwell Automation products.

Resource	Description
Kinetix 6200 IAM and AM Power Modules Installation Instructions, publication 2094-IN011	Information on the installation of your Kinetix 6200 IAM and AM power modules.
Kinetix 6200 Control Modules Installation Instructions, publication 2094-IN012	Information on the installation of your Kinetix 6200 control modules.
Kinetix 6200 Modular Multi-axis Servo Drive User Manual, publication 2094-UM002	Information on the wiring, setup with RSLogix 5000 software, applying power, and troubleshooting information with appendices to support firmware upgrades and common bus applications.
Kinetix 6200 Safe Speed Monitoring Drives Safety Reference Manual, publication 2094-RM001	Information on wiring, configuring, and troubleshooting the safe-speed monitoring features of your Kinetix 6200 drive.

You can view or download publications at http://literature.rockwellautomation.com. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

Rockwell Automation Support

Rockwell Automation provides technical information on the Web to assist you in using its products. At http://support.rockwellautomation.com, you can find technical manuals, a knowledge base of FAQs, technical and application notes, sample code and links to software service packs, and a MySupport feature that you can customize to make the best use of these tools.

For an additional level of technical phone support for installation, configuration, and troubleshooting, we offer TechConnect support programs. For more information, contact your local distributor or Rockwell Automation representative, or visit http://support.rockwellautomation.com.

Installation Assistance

If you experience a problem within the first 24 hours of installation, please review the information that's contained in this manual. You can also contact a special Customer Support number for initial help in getting your product up and running.

United States	1.440.646.3434 Monday – Friday, 8 a.m. – 5 p.m. EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

New Product Satisfaction Return

Rockwell Automation tests all of its products to ensure that they are fully operational when shipped from the manufacturing facility. However, if your product is not functioning and needs to be returned, follow these procedures.

United States	Contact your distributor. You must provide a Customer Support case number (see phone number above to obtain one) to your distributor in order to complete the return process.
Outside United States	Please contact your local Rockwell Automation representative for the return procedure.

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