



## **Ultra5000 Intelligent Positioning Drive Firmware Release v1.10**

Catalog Numbers 2098-IPD-005, 2098-IPD-010, 2098-IPD-020,  
2098-IPD-005-DN, 2098-IPD-010-DN, and 2098-IPD-020-DN

### **Enhancements**

Version 1.10 extends the gate switch deadtime to 3.0 microseconds in the Intelligent Power Module (IPM) function for series B drives. This change does not affect the Motion Library or user programs.

Refer to the Ultra5000 IPD Installation Manual Document Update, publication 2098-DU002, for additional information about the series B power board upgrade to the 500, 1000, and 2000 Watt Ultra5000 drives.

## 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 with a hardware module 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 module up and running.

United States	1.440.646.3223 Monday – Friday, 8am – 5pm EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

## New Product Satisfaction Return

Rockwell 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, it may need to be returned.

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 return procedure.

**[www.rockwellautomation.com](http://www.rockwellautomation.com)**

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