Topic	Page
Overview	[5](#)
Pre-migration	[5](#)
Additional Resources	[6](#)

Overview

The purpose of this publication is to assist in migrating from a 1395, 1397, or FlexPak 3000 DC drive to a PowerFlex® DC drive. Please refer to the respective User Manual, Technical Data and/or Installation Instructions for more detail.

This publication contains these chapters:

- Chapter 1: Drive Comparisons
  Contains comparisons of the specifications, features, drive catalog numbers, dimensions, power and control terminals, and feedback options of the 1395, 1397, and FlexPak 3000 DC drives to the PowerFlex DC drive. This chapter also provides information on the user-installed options, contactors and recommended fuses for the PowerFlex DC drive.

- Chapter 2: Wiring Examples
  Contains comparisons of the drive configuration, control wiring and parameters of the 1395, 1397, and FlexPak 3000 DC drives to the PowerFlex DC drive.

- Chapter 3: Network Communication
  Identifies the 1395, 1397, and FlexPak 3000 drives network options that can be migrated to networks used by the PowerFlex DC drive. This chapter also provides overview information for the velocity reference/feedback, I/O adaptors, 16 bit-based processors (PLC 5) and provides information for Quest (a Rockwell Automation Encompass™ partner), that offers a remote I/O to EtherNet/IP communication convertor migration solution.

Pre-migration

Best Practices

- Upload and save the drive parameters via DriveExplorer™ or DriveExecutive™. If you cannot connect to the drive online, manually record the drive parameter values.

- Record the motor nameplate data, record and label all power, motor, and digital and analog I/O control wiring.

- Upload and save any network files and Programmable Logic Controller (PLC) programs.

- Update and/or markup any changes to hardware prints.

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
1395 DC Drive, 800…1250 Hp, Firmware Versions 5.*xx*-9.30 User Manual, publication 1395-UM006	Provides the necessary information to install, program, start up and maintain the 1350 A and 2250 A version of the 1395 DC drive.
1395 Digital DC Drive Firmware Versions 5*xx*…10.10/9.30 User Manual, publication 1395-UM003	Provides the necessary information to install, program, start up, and maintain the1395 DC drive.
Bulletin 1395 Digital DC Drive in Bulletin 2361 MCCs User Manual, publication 2361-5.01.	Provides instructions for installing and operating a high-horsepower 1395 drive.
1397 DC Drive Firmware 2.xx User Manual, publication 1397-UM000	Provides information necessary to install, program, start up, and maintain the 1397 DC drive.
FlexPak 3000 Digital DC Drive Hardware Reference, Installation and Troubleshooting Version 4.3, publication FP3-UM012	Provides information necessary to install, start up, and troubleshoot the FlexPak 3000 DC drive.
FlexPak 3000 Digital DC Drive Software Reference Manual Version 4.3, publication FP3-UM013	Describes the software of the FlexPak 3000 DC drive.
PowerFlex Digital DC Drive User Manual, publication 20P-UM001	Provides the basic information needed to install, start up, program, and troubleshoot the PowerFlex DC drive.
PowerFlex Digital DC Drive Technical Data, publication 20P-TD001	Provides information on drive specifications and features.
Industrial Automation Wiring and Grounding Guidelines, publication 1770-4.1	Provides general guidelines for installing a Rockwell Automation industrial system.
Product Certifications website, http://www.ab.com	Provides declarations of conformity, certificates, and other certification details.

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