

LISTEN.
THINK.
SOLVE.®

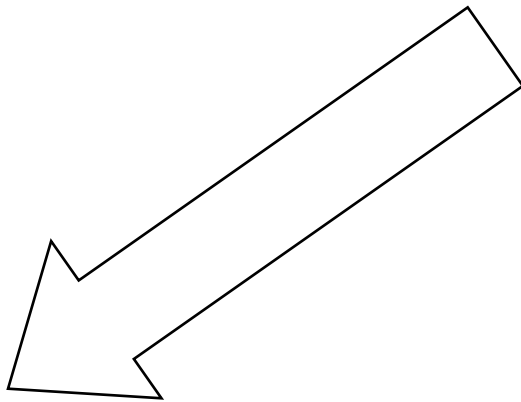
PowerFlex 753 / 755 Basic Drive Programming

Jeff Theisen – Commercial Engineering

PowerFlex 753 / 755 Basic Drive Programming

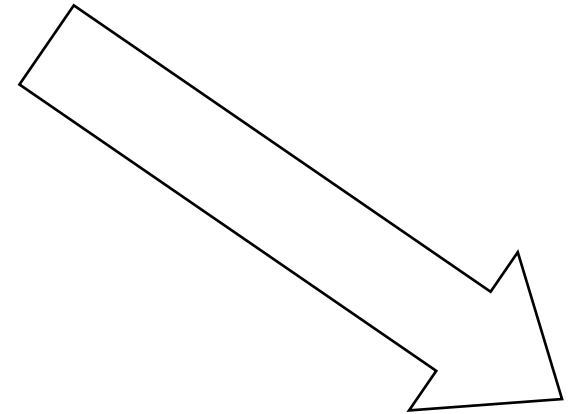
- **PowerFlex® 755**

- Use HIM to configure drive
- Use the Assisted Startup for simple Speed Controlled applications
- Control the drive and spin a motor



- **PowerFlex® 753**

- Use HIM to configure and control 7-Class drive
- Become familiar with DriveExplorer™ Software



PowerFlex Family of Low Voltage Drives

- PowerFlex family of drives offers:
 - Broad range of control modes from V/Hz to Permanent Magnet Motor
 - Wide range of power ratings and global voltage ratings
 - Features, options and packaging for application versatility
 - Safety options
 - Variety of communication protocols
 - Eased programming and configuration
 - Common experience out-of-the-box and on-the-line
- **PowerFlex 7-Class** drives provide a broad set of features, application specific parameters, and are ideal for high performance applications.

PowerFlex Family of Low Voltage Drives



A wide range of drives for simple stand-alone machines to some of the most demanding applications

PowerFlex AC Drives Software

DriveTools™ SP



- A family of software planned and designed to accommodate demanding user requirements:
 - DriveExecutive™ - Online/offline drive configuration tool using RSLinx®
 - DriveObserver™ - Samples and plots parameter values



RSLinx™ 5000 Drive Add-On Profiles

- For simplified AC drive start-up and reduced configuration time
- Single software approach simplifies parameter and tag programming
- Allows stand-alone drive software tool use on the factory floor.

DriveExplorer



- An intuitive, Window Explorer-like software package for basic online programming of Allen-Bradley® drive products
- Multiple versions:
 - DriveExplorer Full
 - DriveExplorer Lite – Freeware.

A Note about VMware®

- We are using VMware emulation software on all lab computers
 - Enables us to give you a known starting point
 - Makes configuration of thirty computers very easy
- Be aware that software will perform a little better without emulation

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Thank you for participating!

Please tidy up your workstation
before leaving.