

ProtectionPlus Drive Start-up Services

Quickly Configure and Commission Your Drives

Added Protection to Ensure Drive Performance Beyond the Initial Start-up

Getting a new production line up and running on time is critical to the growth of your business. Start-up delays can limit productivity, which can lead to missed delivery times and loss of revenue.

Additionally, improper drive configuration and programming due to lack of knowledge or skills can create production problems down the road.

With Rockwell Automation ProtectionPlus Drive Start-up Services, you will get the help you need to commission drives quickly and properly. You'll also receive a warranty which includes all the necessary replacement parts and onsite labor including applicable travel expenses, to diagnose and repair the affected drive*.

* A technical support case is required prior to dispatch of field service engineer.

The Extended Parts & Labor Warranty provides the following additional benefits:

- *Reduce unplanned downtime by quickly fixing failures/malfunctions*
- *Stabilize your maintenance budget by reducing unexpected costs*



Through Rockwell Automation ProtectionPlus Drive Start-up Services, you can leverage our extensive product knowledge and industry experience to quickly commission selected drives and, in turn, reduce the time between integration and actual start-up. After start-up, you'll also realize the following benefits:

- Improved drive operation
- Reduced risk of performance problems and premature equipment failures
- Reduced total maintenance costs
- Improved labor cost forecasting (through fixed cost of services)

Our start-up services provide these benefits by applying a standard process to validate that the necessary electrical, mechanical and environmental criteria have been met and the appropriate steps have been taken to ensure proper drive operation. These steps include disconnecting the drive, measuring incoming power, verifying cable connections, calibration, testing and tuning.

ProtectionPlus Drive Start-up Services also include an Extended Parts & Labor Warranty (left) to provide performance protection beyond the initial start-up.

LISTEN.
THINK.
SOLVE.®

Rockwell Automation ProtectionPlus Drive Start-up Services

Your Rockwell Automation Field Service Professional will provide In Scope services, listed below, during your drive start-up. Start-up and warranty service is provided during normal working hours. Out of Scope services may be performed at an additional charge.

In Scope:

- Physical inspection and verification of proper drive and motor installation practices prior to the application of power
- Verification of external control wiring
- Confirmation of drive cabling to motor, line feed, isolation transformer (if applicable)
- Incoming line and drive output grounding checks
- Voltage application, checkout, calibration, and testing of the drive as appropriate for the application
- Adjustment of operation parameters, within drive and motor design limitations, to values as appropriate for the application
- Operation of drive through speed range to verify proper performance
- Loading of network parameters in the drive
- Documentation of drive and motor nameplate information, application information, drive settings, and operating parameters

Out of Scope:

- External wiring and troubleshooting outside the drive. External wiring and troubleshooting is related to electrical or mechanical equipment outside the drive(s) or problems caused by external sources such as networks, electrical transients, corrosion, surface contaminants, excessive ambient temperatures, restricted air ventilation, abusive operation, etc
- Network troubleshooting and configuration
- Integration of the drive to control devices
- Drives that are part of a drives system
- Preventive maintenance services
- Stand-by time

Rockwell Automation offers turnkey commissioning and conversions. If you require additional services that are not included in the offering, contact your local authorized Allen-Bradley distributor.

Product Coverage

ProtectionPlus Drive Start-up Services are available for the following Allen-Bradley standard or configured PowerFlex® drives:

- PowerFlex 4 / 40 / 400 AC drive
- PowerFlex 70 / 700 / 700H (including vector control AC drive)
- PowerFlex DC drive
- PowerFlex 755 AC drive

For More Information and How to Order

Contact your local authorized Allen-Bradley distributor or Rockwell Automation sales office.
www.rockwellautomation.com/services/onsite

Pre-service Customer Requirements

Before Start-up Services are performed, the customer must confirm:

- Drive is mounted and wired properly
- Drive is easily accessible
- Appropriate staff is available to assist
- Additional site requirements

If the above criteria are not met, additional charges may be applicable. For a complete Pre-service Customer Requirements list, visit: www.rockwellautomation.com/services/onsite/protection.html

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