

 **PRODUCT NOTICE**
Notice of Potential Product Concern

PowerFlex 7000 Air-cooled MV Drives, Rated 6.0 kV or Higher

Reference: 2010-03-002

Date: March 2010

This Product Notice informs you about a potential product anomaly with PowerFlex 7000 Air-cooled MV Drives rated 6.0 kV or higher, only when supplied with a fan power transformer (FPT) to supply power to the main cooling fan.

- Product Identification -

All PowerFlex 7000 Air-cooled MV Drives rated 6.0 kV or higher, only when supplied with a fan power transformer (FPT) to supply power to the main cooling fan.

Rockwell Automation shipped these products from April 2003 through May 2009.

- Description -

The fan power transformer (FPT) that feeds the main cooling fan in 6.0 kV or higher rated VFDs can fail. Some of the FPTs supplied may have a gap between the transformer coils of less than the minimum required air gap of 3.175 mm (1/8 in.). When the transformer coils touch (or have less than the 3.175 mm (1/8 in.) air gap), a partial discharge is possible between the coils due to corona. The supplier confirms that an air gap of 3.175 mm (1/8 in.) or greater will result in corona-free performance.

There is no safety issue associated with the failure of these units. Failure of the FPT will result in the FPT primary fuses clearing the fault.

-Temporary Workarounds -

LISTEN. THINK. SOLVE.

None.

- Correction -

The FPT supplier will supply two 3.175 mm (1/8 in.) glastic barriers to be inserted between phases A-B and phases B-C of the FPT coils. The repair will be made onsite with the FPT in its original mounting location. Instructions to insert these barriers will be included with the repair kit, Allen-Bradley part no. 80026-764. The repair kit consists of these three items parts:

- One (1) repair instruction sheet – part no. 80050-193
- Two (2) glastic barriers – part no. 80026-760-01

Customers are responsible for ordering and installing the repair kit.

- Requested Customer Action -

We request that you take the following actions:

- Check that you have product affected by this Product Notice. Refer to the Product Identification and Description sections of this document for identification help.
- Order and install the repair kit, Allen-Bradley part no. 80026-764.
- If you need additional technical help, contact Technical Support for MV drives.

Rockwell Automation Canada Inc.
135 Dundas Street
Cambridge, Ontario N1R 5X1
Attn: Medium Voltage Support (reference PN 2010-03-002)
Phone: 1.519.740.4790 (Option 1 for MV Technical Support)
Fax: 1.519.740.4756
Email : mvsupport_technical@ra.rockwell.com

This Product Notice is posted on the Rockwell Automation Knowledgebase,
<http://www.rockwellautomation/knowledgebase>, as ID number 67498.

If this Product Notice does not affect you because you do not have the products any longer, or if you are Distributor, Rockwell Automation asks that you forward a copy of this notice, with any identifying documentation, immediately to the person or company that now has the product. We also ask that you contact Rockwell Automation Technical Support and provide the location of the affected units.

We appreciate your immediate cooperation. If you have any questions, please contact us.

Sincerely,

LISTEN. THINK. SOLVE.™

ROCKWELL AUTOMATION

You can register for Automatic Product Notifications from Rockwell Automation by email. Go to the Support web page at <http://support.rockwellautomation.com>. Under 'Self-Service Support Knowledgebase — Technical questions? Start here!', you can subscribe to important product updates, including Product Safety Advisories and Product Notices.