



**PRODUCT CHANGE NOTIFICATION**

PCN # [1170808]

**Cordex HP LPS36 Up-Converter Firmware v1.07 Upgrade**

<b>1. Supplier Information</b> Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada Contact: Satheesh Hariharan Product Manager, Outside Plant Solutions 604.422.4473 satheesh.hariharan@alpha.ca		<b>2. Product Change Notification Number</b> PCN # 1170808									
<b>3. Issue Date of Change</b> July 27, 2017		<b>4. System and Product Description</b> 0120011-001 Cordex HP LPS36									
<b>5. New Product ID</b> <table border="1"> <thead> <tr> <th>Model</th> <th>Part Number (P/N)</th> </tr> </thead> <tbody> <tr> <td>N/A</td> <td>N/A</td> </tr> </tbody> </table>		Model	Part Number (P/N)	N/A	N/A	<b>6. Old Product ID</b> <table border="1"> <thead> <tr> <th>Model</th> <th>Part Number (P/N)</th> </tr> </thead> <tbody> <tr> <td>LPS36 Module</td> <td>0120011-001</td> </tr> </tbody> </table>		Model	Part Number (P/N)	LPS36 Module	0120011-001
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LPS36 Module	0120011-001										
<b>7. Associated Products or Changes Affected</b> LPS36 Module											
<b>8. Drawing No.</b> N/A		<b>9. Product Change Classification</b> Class B - Product enhancements including new features, improved testing, cost reductions, etc									
<b>10. Reason(s) for Change</b> This firmware update adds new protection to reduce input fuse stress during lightning surge conditions or similar transients.											
<b>11. Description of Change</b> The firmware update increases LPS36 module robustness during lighting surge conditions or similar transients.  The Cordex HP LPS36 firmware version 1.07 files and upgrade procedure are available at the Software/Firmware downloads page on Alpha's website at <a href="http://www.alpha.ca/support/support-main-menu/software-firmware-downloads">http://www.alpha.ca/support/support-main-menu/software-firmware-downloads</a> .  Please note that during the firmware upgrade the Cordex HP LPS36 modules will restart in order to complete the firmware installation. During this reset, the modules will not be able to output and support the load.											



<b>12. Effect of Change</b> This firmware upgrade provides more robust protection and reduces input fuse stress during lightning surge conditions or similar transients.	
<b>13. Material/Product Affected</b> LPS36 Module	
<b>14. Documentation Affected</b> N/A	
<b>15. Supplier Implementation Date</b> July 21, 2017	<b>16. Modification Completion Date</b> July 27, 2017
<b>17. Modification Location</b> Alpha Technologies Ltd, Burnaby	
<b>18. Modification Cost</b> N/A	
<b>19. Location and Quantity of Equipment</b> N/A	
<b>20. Attachments</b> N/A	
<b>21. Comments</b>	