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PCN # [0470441-PCN] CXCi+ Replaced by CXCi HP Controller

1. Supplier Information Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada	1.6 Supplier Contact Info Contact: Doddy Wijanta Product Manager 604-436-5900 Doddy.wijanta@alpha.ca																																								
2. Product Change Notification Number PCN # 0470441-PCN	3. Issue Date of Change Dec 20, 2019																																								
4. System Affected Subsystem Affected: CXC in-shelf controller options Hardware Affected: Y Firmware Affected: N Software Affected: Y																																									
5. New Product ID <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e0e0e0;"> <th colspan="2" style="text-align: center;">Hardware</th> </tr> <tr> <th style="text-align: center;">Model</th> <th style="text-align: center;">Part Number (P/N)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">CXCi HP Controller</td> <td style="text-align: center;">0180053-001</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr style="background-color: #e0e0e0;"> <th colspan="2" style="text-align: center;">Software / Firmware</th> </tr> <tr> <th style="text-align: center;">Model</th> <th style="text-align: center;">Revision</th> </tr> <tr> <td style="text-align: center;">CXC HP s/w</td> <td style="text-align: center;">6.1</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Hardware		Model	Part Number (P/N)	CXCi HP Controller	0180053-001					Software / Firmware		Model	Revision	CXC HP s/w	6.1					6. Old Product ID <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #e0e0e0;"> <th colspan="2" style="text-align: center;">Hardware</th> </tr> <tr> <th style="text-align: center;">Model</th> <th style="text-align: center;">Part Number (P/N)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">CXCi+ Controller</td> <td style="text-align: center;">7400232-001</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr style="background-color: #e0e0e0;"> <th colspan="2" style="text-align: center;">Software / Firmware</th> </tr> <tr> <th style="text-align: center;">Model</th> <th style="text-align: center;">Revision</th> </tr> <tr> <td style="text-align: center;">CXC s/w</td> <td style="text-align: center;">2.27</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	Hardware		Model	Part Number (P/N)	CXCi+ Controller	7400232-001					Software / Firmware		Model	Revision	CXC s/w	2.27				
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7. New CLEI Code PWM6V00CRA	8. Old CLEI Code PWCUACNKA																																								
9. Associated Products or Changes Affected The new controller interfaces with the LPS36 Upconverter line powering system as an optional in-shelf controller option																																									



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10. Drawing Number N/A	
11. Classification of Change B	12. Reason for Classification Product change which was made to incorporate improvement in the design that result in better operation, improved testing/maintenance, longer life, operational cost reduction and/or addition of new features
13. Reason for Change To incorporate new controller features required by all markets including major improvements to usability, security and automation.	
14.1 Description of Change Alpha's CXCi HP controller is a commercially available, backwards-compatible replacement options with numerous advantages over the legacy controller. CXC HP series controllers enable AlphaQ technology allowing control and monitoring over multiple Alpha power solutions from a central location. Other advantages include: <ul style="list-style-type: none"> • USB support for local management of upgrades, configurations, and backup/restore • Configurable and common web user interface for all Alpha systems • On-board I/O and compatible with Cordex ADIO peripherals • Advanced features such as programmable logic, complex data logging, Power Save system efficiency optimization, SNMPv3 and other advanced security options. 	
14.2 Change Verification Procedures N/A	
15. Safety Notification N/A	
16. Material Affected N/A	
17. Documentation Affected LPS36 system manuals CXC Controller hardware and software manual	
18. Supplier Implementation Date Systems are available to ship with the new controller currently	19. Modification Completion Date N/A



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20. Modification Location Alpha Burnaby, BC Canada Factory
21. Modification Cost N/A
22. Location and Quantity of Equipment N/A
23. Attachments N/A
24. Comments N/A