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PCN # [0470457-PCN] CXRF 48-3.0kW Surge Suppression Update

1. Supplier Information Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada	1.6 Supplier Contact Info Contact: JD Fraser Associate Product Manager 604-415-7493 Jd.fraser@alpha.ca												
2. Product Change Notification Number PCN # 0470457-PCN	3. Issue Date of Change January 1 st , 2020												
4. System Affected Major System Affected: CXRF3k Subsystem Affected: Cordex Rectifier Fan Cooled 48-3.0kW Hardware Affected: Y Firmware Affected: N Software Affected: N													
5. New Product ID <table border="1" data-bbox="190 1171 771 1362"> <thead> <tr> <th colspan="2">Hardware</th> </tr> <tr> <th>Model</th> <th>Part Number (P/N)</th> </tr> </thead> <tbody> <tr> <td>Power Module, CXRF-HP 48-3kW,RoHS6</td> <td>0100037-001 DV1894</td> </tr> </tbody> </table>	Hardware		Model	Part Number (P/N)	Power Module, CXRF-HP 48-3kW,RoHS6	0100037-001 DV1894	6. Old Product ID <table border="1" data-bbox="800 1171 1382 1362"> <thead> <tr> <th colspan="2">Hardware</th> </tr> <tr> <th>Model</th> <th>Part Number (P/N)</th> </tr> </thead> <tbody> <tr> <td>Power Module, CXRF-HP 48-3kW,RoHS6</td> <td>0100037-001</td> </tr> </tbody> </table>	Hardware		Model	Part Number (P/N)	Power Module, CXRF-HP 48-3kW,RoHS6	0100037-001
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7. New CLEI Code N/A	8. Old CLEI Code PWM6X00CRA												
9. Associated Products or Changes Affected N/A													
10. Drawing Number N/A													
11. Classification of Change B	12. Reason for Classification This change results in better operation of the rectifier												



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13. Reason for Change Improved handling of AC utility events that stress the PFC circuit	
14.1 Description of Change Including additional Surge Suppression before the PFC circuit	
14.2 Change Verification Procedures All 3.0kW rectifiers with a serial number above 318009389 will contain the changes, reviewing the units will also show a sticker stating DV-1894	
15. Safety Notification N/A	
16. Material Affected All 0100037-001 Rectifiers pre-SN: 318009389	
17. Documentation Affected N/A	
18. Supplier Implementation Date January 1 st , 2020	19. Modification Completion Date January 1 st , 2020
20. Modification Location Burnaby BC	
21. Modification Cost N/A	
22. Location and Quantity of Equipment N/A	
23. Attachments N/A	
24. Comments The CXRF-HP 48-3.0kW rectifier will now exceed all required industry standards for surge suppression	