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Product Change Notification

PCN # 0470415-PCN

FXM 350, 650, 1100, 2000, Micro 100, 350 & 1000 Firmware Version 2.06.00

1. Supplier Information Alpha Technologies, Ltd. 7700 Riverfront Gate Burnaby, BC V5J 5M4 Canada	1.6 Supplier Contact Info Contact: Daljit Hothi Associate Product Manager 604.422.4490 daljit.hothi@enersys.com																																												
2. Product Change Notification Number PCN # 0470415-PCN	3. Issue Date of Change July 24, 2019																																												
4. System Affected Major System Affected: FXM 350, 650, 1100, 2000, Micro 100, 350, and 1000 Subsystem Affected: N/A Hardware Affected: N Firmware Affected: Y Software Affected: N																																													
5. New Product ID <table border="1" data-bbox="188 1068 773 1535"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>FXM 350-24 120</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>FXM 350-24 230 FXM 350-48 120</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>FXM 650-24/48</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>FXM 1100</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>FXM 2000</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>Micro 100</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>Micro 350-24 120</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>Micro 350-24 230 Micro 350-48 120</td> <td>V2.06.00(fbin)</td> </tr> <tr> <td>Micro 1000</td> <td>V2.06.00(fbin)</td> </tr> </tbody> </table>	Software / Firmware		Model	Revision	FXM 350-24 120	V2.06.00(fbin)	FXM 350-24 230 FXM 350-48 120	V2.06.00(fbin)	FXM 650-24/48	V2.06.00(fbin)	FXM 1100	V2.06.00(fbin)	FXM 2000	V2.06.00(fbin)	Micro 100	V2.06.00(fbin)	Micro 350-24 120	V2.06.00(fbin)	Micro 350-24 230 Micro 350-48 120	V2.06.00(fbin)	Micro 1000	V2.06.00(fbin)	6. Old Product ID <table border="1" data-bbox="799 1068 1383 1535"> <thead> <tr> <th colspan="2">Software / Firmware</th> </tr> <tr> <th>Model</th> <th>Revision</th> </tr> </thead> <tbody> <tr> <td>FXM 350-24 120</td> <td>V1.08.03(fbin)</td> </tr> <tr> <td>FXM 350-24 230 FXM 350-48 120</td> <td>V2.00.04(fbin)</td> </tr> <tr> <td>FXM 650-24/48</td> <td>V2.01.00(fbin)</td> </tr> <tr> <td>FXM 1100</td> <td>V2.01.00(fbin)</td> </tr> <tr> <td>FXM 2000</td> <td>V2.01.00(fbin)</td> </tr> <tr> <td>Micro 100</td> <td>V2.00.04(fbin)</td> </tr> <tr> <td>Micro 350-24 120</td> <td>V1.08.03(fbin)</td> </tr> <tr> <td>Micro 350-24 230 Micro 350-48 120</td> <td>V2.00.04(fbin)</td> </tr> <tr> <td>Micro 1000</td> <td>V2.02.00(fbin)</td> </tr> </tbody> </table>	Software / Firmware		Model	Revision	FXM 350-24 120	V1.08.03(fbin)	FXM 350-24 230 FXM 350-48 120	V2.00.04(fbin)	FXM 650-24/48	V2.01.00(fbin)	FXM 1100	V2.01.00(fbin)	FXM 2000	V2.01.00(fbin)	Micro 100	V2.00.04(fbin)	Micro 350-24 120	V1.08.03(fbin)	Micro 350-24 230 Micro 350-48 120	V2.00.04(fbin)	Micro 1000	V2.02.00(fbin)
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7. New CLEI Code N/A	8. Old CLEI Code N/A																																												
9. Associated Products or Changes Affected FXM 350-24 Model: 017-241-29/26 FXM 350-48 Model: 017-241-22 FXM 650-24 Model: 017-234-31/52, 017-235-22/32 FXM 650-48 Model: 017-236-45 FXM 1100 Model: 017-230-23/37/65, 017-231-22/24																																													



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Product Change Notification

FXM 2000 Model: 017-232-31, 017-233-30/32/53/54/55 Ethernet Card: 740-730-24 Micro 100 Model: 017-220-XX Micro 350 Model: 017-243-XX Micro 1000 Model: 017-239-41 to 017-239-57, 017-240-XX	
10. Drawing Number N/A	
11. Classification of Change Class B	12. Reason for Classification Product change which was made to improve the design that results in better operation, improved testing/maintenance, longer life, operational cost reduction and/or addition of new features.
13. Reason for Change Update to improve air circulation, user input validation & overload protection.	
14.1 Description of Change <ul style="list-style-type: none">Improved user input validation on UPS Specification and Unit Configuration on serial communication.Improved overload protection on Micro 100 & FXM/Micro 350 & FXM 650-48.Improved fan control for better thermal management on FXM/Micro 350 & Micro 1000 similar to FXM 650, 1100 & 2000.	
14.2 Change Verification Procedures Via LCD, HyperTerminal or webpage check Firmware version to be 2.06.00 after upgrade.	
15. Safety Notification N/A	
16. Material Affected N/A	
17. Documentation Affected N/A	
18. Supplier Implementation Date This is a phase in change and V2.06.00 will be implemented into product from the factory by Q4, 2019. Software are available at http://www.alpha.ca/software-firmwaredownloads	19. Modification Completion Date Q1, 2020



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20. Modification Location N/A
21. Modification Cost N/A
22. Location and Quantity of Equipment N/A
23. Attachments N/A
24. Comments See release notes for upgrade procedure.