



## PRODUCT CHANGE NOTIFICATION

### PCN # [1160530]

### LPR48-150-IP68 Connectorized Version

<b>1. Supplier Information</b> Alpha Technologies, Ltd. 7700 Riverfront Gate, Burnaby, BC V5J 5M4 Canada Contact: Satheesh Hariharan Product Manager, Outdoor Systems & Shelters 604-422-4473 <a href="mailto:satheesh.hariharan@alpha.ca">satheesh.hariharan@alpha.ca</a>		<b>2. Product Change Notification Number</b> PCN # 1160530											
<b>3. Issue Date of Change</b> June 1, 2016	<b>4. System and Product Description</b> Alpha Technologies Ltd. will release an updated version of the LPR48-150-IP68 equipped with two IP68 APP 5-pin connectors (input & output with integrated alarm) that will replace the existing 8ft pigtail solution (input, output & alarm). An optional LPR cable kit is available for the new connectorized version that includes two 6ft cables pre-terminated with the LPR matching connector on one end, and flying leads at the other end.												
<b>5. New Product ID</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 25%;">Part Number</th> <th style="width: 75%;">Description</th> </tr> </thead> <tbody> <tr> <td>P/N: 0120048-002</td> <td>LPR48-150-IP68,+/-190Vdc to 48Vdc,150W, Connectorized</td> </tr> <tr> <td>P/N: 0370381-001</td> <td>LPR cable Kit</td> </tr> </tbody> </table>		Part Number	Description	P/N: 0120048-002	LPR48-150-IP68,+/-190Vdc to 48Vdc,150W, Connectorized	P/N: 0370381-001	LPR cable Kit	<b>6. Old Product ID</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 25%;">Part Number</th> <th style="width: 75%;">Description</th> </tr> </thead> <tbody> <tr> <td>P/N: 0120048-001</td> <td>LPR48-150-IP68,+/-190Vdc to 48Vdc,150W</td> </tr> </tbody> </table>		Part Number	Description	P/N: 0120048-001	LPR48-150-IP68,+/-190Vdc to 48Vdc,150W
Part Number	Description												
P/N: 0120048-002	LPR48-150-IP68,+/-190Vdc to 48Vdc,150W, Connectorized												
P/N: 0370381-001	LPR cable Kit												
Part Number	Description												
P/N: 0120048-001	LPR48-150-IP68,+/-190Vdc to 48Vdc,150W												
<b>7. Associated Products or Changes Affected</b> The LPR12-150 will also be offered with two IP68 APP 5-pin connectors and uses the same LPR cable kit sold separately.													
<b>8. Drawing No.</b> 0120048-08 Rev C	<b>9. Product Change Classification</b> Class D <i>Changes that incorporate minor new features and design improvements that do not affect the existing functionality or interchangeability of a product, or that involve other minor improvements to service testing, or other capabilities.</i>												
<b>10. Reason(s) for Change</b> The old version required the use of CSA/UL rated wiring for pigtail connections, which was not only expensive (and only available as stranded wires) but also did not meet the OSP telecom requirement of solid core wires needed for aerial or buried type deployments. Also, the new connectorized version													



<p>provides the customer with greater flexibility to create their own custom length cables without affecting Alpha part numbers.</p>	
<p><b>11. Description of Change</b>          Alpha Technologies Ltd. will release an updated version of the LPR48-150-IP68 equipped with two IP68 APP 5-pin connectors (input &amp; output with integrated alarm) that will replace the existing 8ft pigtail solution (input, output &amp; alarm). An optional LPR cable kit is available for the new connectorized version that includes two 6ft cables pre-terminated with the LPR matching connector on one end and flying leads at the other end.</p>	
<p><b>12. Effect of Change</b>          The new connectorized version (p/n: 0120048-002) will replace the current model (p/n: 0120048-001).</p>	
<p><b>13. Material/Product Affected</b>          LPR48-150-IP68</p>	
<p><b>14. Documentation Affected</b>          Datasheet &amp; Manual for LPR48-150</p>	
<p><b>15. Supplier Implementation Date</b>          The tentative implementation date for this new connectorized version is Sept 1, 2016</p>	<p><b>16. Modification Completion Date</b>          N/A</p>
<p><b>17. Modification Location</b>          N/A</p>	
<p><b>18. Modification Cost</b>          N/A</p>	
<p><b>19. Location and Quantity of Equipment</b>          N/A</p>	
<p><b>20. Attachments</b>          None</p>	
<p><b>21. Comments</b>          None</p>	