



Company Information	Additional Company/ Plant Detail	Confirmation Of Type Approval
ROCKWELL AUTOMATION ASIA PACIFIC BUSINESS CENTER NO. 2 CORPORATION ROAD #06-05/11 CORPORTION PLACE		
618494 Singapore Tel 65-63028739 Email : heng@ra.rockwell.com Website : http://ra.rockwell.com		03-HS362597D-4-PDA
<i>Certificate Number</i> <i>Category</i> <i>Expiry Date</i> 14-SG2662292-X RQS 24/JUL/2019		
Product	Programmable Logic Controller	
Model	1734-I J, 1734-I K, 1734-VHSC5, 1734-VHSC24, 1734-SSI (Intelligent I/O Modules)	
Intended Service	Marine & Offshore Applications - For use in Monitoring and Control of Auxiliary Functions, Machinery, Handling Equipment, Load Distribution Pumping, Ventilation, Centrifuges, Wastewater Treatment, etc. Acceptable for Vessels with ACC, ACCU or ABCU Notation.	
Description	Intelligent I/O Modules: 5 Vdc & 24 Vdc, Single Channel Input Counter. Point I/O 24Vdc Very High Speed Counter Module, Interface Module, etc. Refer to Product Company Publications (i.e. Cat. No. 1734-SSI, SeriesC; Cat. No. 1734-VHSC5 & 1734-VHSC24 Series C; Cat No: 1734-IJ & 1734-IK, Series C)	
Ratings	1734-VHSC5 & 1734-VHSC24 Input Voltage: 15-24Vdc (1734-VHSC24), 5Vdc (1734-VHSC5) 1734-VHSC24 Input Current: 6.1mA @ 15Vdc, 10.2mA @ 24Vdc; 1734-VHSC5 Input Current: 19.1mA @ 5Vdc, 25.7mA @ 6Vdc; 1734-I J & 1734-I K, Input Voltage: 5Vdc (1734-I J), 15-24Vdc (1734-I K) 1734-I J Input Current: 19.1mA @ 5Vdc, 25.7mA @ 6Vdc; 1734-I K Input Current: 6.1mA @ 15Vdc, 10.2mA @ 24Vdc; 1734-SSI Power Dissipation: 0.94 W POINTBus Current: 110mA @ 5V dc. Channels: 1 For other Characteristics refer to Publication (i.e. Cat. No. 1734-VHSC24 Series C)	
Service Restrictions	Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.	
Comments	The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. Tests and Approvals are for Hardware only. Each particular application is to be specifically	

	<p>approved.</p> <p>When Product is marked for use in Hazardous Location, Certificate Document is to be submitted to ABS upon request.</p>
Notes, Drawing and Documentation	<p>Supporting Data: * Publication 1734-SG001D-EN-P-September 2010: Bulletin 1734 - Catalog Numbers Point I/O Selection Guide (65 shts);</p> <p>* Publication 1734-IN581C-EN-E-June 2005: Catalog No. 1734-SSI, Series C, Installation Instructions (27 shts);</p> <p>* Publication 1734-IN005E-EN-E- May 2005: Catalog No. 1734-IJ & 734-IK , Series C, Point I/O 5V & 24V Encoder/Counter Modules Installation Instructions (27 shts);</p> <p>* Publication 1734-IN003E-EN-E- June 2005: Catalog No. 1734-IVHSC5 & 734-IVHSC24 , Series C, Point I/O 5Vdc & 24Vdc Very High Speed Counter Module Installation Instructions (35 shts);</p> <p>* Doc. Part No marrep5_03, Rev. None - Marine Test Report for Point I/O Products Catalog Number 1734 & 1734D , dated 14 May 2003, 52 shts;</p>
Term Of Validity	<p>This Product Design Assessment (PDA) Certificate 03-HS362597D-4-PDA, dated 13/Jun/2012 remains valid until 12/Jun/2017 or until the Rules or specifications used in the assessment are revised (whichever occurs first). This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product. Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA. Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.</p>
ABS Rules	2012 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 4-8-3/1.7, 4-9-7/7, 4-9-7/ 13 - Table 9 (as appropriate)
International Standards	IEC 60068-2-1, -2,-14,-30,-6,-27; IEC 6100-4-2 to -6

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	03-HS362597D-4-PDA	13/JUN/2012	12/JUN/2017