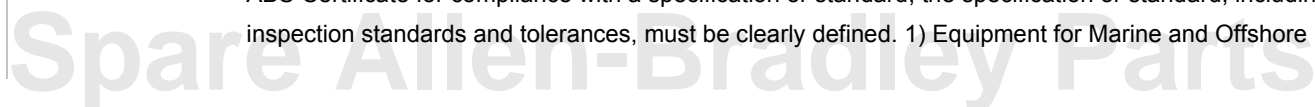




Company Information	Additional Company/ Plant Detail	Confirmation Of Type Approval
ROCKWELL AUTOMATION INC. 1201 SOUTH SECOND STREET		
WI 53204 United States Tel 414-382-3265 Fax 414-382-2700 Email : eluna2@ra.rockwell.com Website : www.rockwellAutomation.com		15-HS1350695-PDA
<i>Certificate Number</i> 13-SB2484006 <i>Category</i> RQS <i>Expiry Date</i> 02/DEC/2018		

Product	Motor Control Center
Model	Centerline 2500
Intended Service	Marine & Offshore Applications
Description	<p>Control of Power Distribution and Protection of Motor and Non-Motor Loads.</p> <p>The CENTERLINE 2500 Motor Control Center is a floor mounted assembly of one or more enclosed vertical columns (sections) normally having a horizontal, common power bus and principally containing combination motor control center units. The motor control center units are mounted in these vertical columns. These columns normally incorporate vertical power buses connected to the common power supply which feeds the individual units. Power may be supplied to the individual units by bus bar connections or, if the vertical bus is omitted, by suitable cabling.</p> <p>The column may be divided into sub-columns separated by a steel plate and provided with separate vertical buses which may be supplied by separate sources and not employing a horizontal bus.</p> <p>A motor control center column is the vertical enclosure and assembly that is prevented by structural framework from being physically separated into smaller parts and is intended to receive individual combination motor control center units. The function of the vertical column is to support the horizontal and vertical buses, units, covers and doors.</p>
Ratings	<p>Voltage 3 Phase, 3 or 4 Wire: 240V, 380V, 400V, 415V, 480V, 600V & 690V Continuous Current</p> <p>Horizontal Power Bus Rating: 800A, 1250A , 1600A, 2000A, 2500A, 3200, & 4000A;</p> <p>Continuous Current Vertical Power Bus Rating: 300A & 600A</p> <p>Bus Short Circuit Ratings:</p> <p>Bus Bar Bracing (Maximum Withstand Raing): 50kA, 65kA & 80kA Symmetrical rms;</p> <p>Rated Frequency: 50/ 60 Hz;</p> <p>Ambient Operating Temperature: -5°C to 40°C (Average Temperature in any 24 Hour Period not to exceed 35°C)</p>
Service Restrictions	<p>Motor Control Centers of 100 kW (135 HP) and over for essential services must be Unit Certified, otherwise 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. 1) Equipment for Marine and Offshore</p>



	<p>Applications in Non Hazardous Areas.</p> <p>2) Type of Enclosure rating (IP or NEMA) is to be selected in accordance with 4-8-3/1.11 and 4-8-4/9 of the SV Rules.</p> <p>3) A maximum ambient temperature of 45 °C (113 °F) is to be used for engine rooms and 40 °C (104 ° F) for other locations. Where ambient temperatures are in excess of these values the total rated temperature of equipment is not to be exceeded as per 4-8-3/1.17 of the SV Rules.</p> <p>4) For each installation complete details of the line ups with schematics are to be submitted for review.</p> <p>5) Disconnect device, overload ratings, etc are to be indicated for each application.</p>
Comments	<p>Duplicate PDA's resides with: a) Rockwell Automation /Allen-Bradley - Richland Center, b) Rockwell Automation SP ZOO - Katowice Poland, c) Rockwell Automation DO Brasil LTDA - Sao Paulo, d) Rockwell Automation Control Solution - Shanghai China;</p> <p>The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. Kema Test Report: 2103078.01 (16 April 2007); EC Declaration MCC-0007-D-EN (14 Sept 09); Type Test Conformance Report MCC-0006-EN (25 March 2008)</p>
Notes, Drawing and Documentation	Drawing No. 2500-SG001_-EN-P, Product Brochure/Cat, Revision: -, Pages: 1 (See Attached)
Term Of Validity	This Product Design Assessment (PDA) Certificate 15-HS1350695-PDA, dated 04/May/2015 remains valid until 03/May/2020 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.
ABS Rules	Rules for Conditions of Classification, Part 1 - 2015 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following: Steel Vessels: 4-8-1/5.5.4, 4-8-2/9.1, 4-8-3/1.11, 4-8-3/1.17.1, 4-8-3/5.3, 4-8-3/5.7, 4-8-3/Table 2, 4-8-4/9 & 4-9-8/Table 9 Test No. 9 (Inclination); Steel Vessels Under 90 Meters (295 feet) in Length: 4-6-1/15, 4-6-3/3.13, 4-6-3/Table 1, 4-6-4/7.9, 4-6-4/7.11, 4-6-4/7.13 & 4-6-4/17; Offshore Support Vessels (OSV Rules): 4-8-1/5.5.4, 4-8-2/9.1, 4-8-3/1.11, 4-8-3/1.17.1, 4-8-3/5.3, 4-8-3/5.7, 4-8-3/Table 2, 4-8-4/9 & 4-9-8/Table 9 Test No. 9 (Inclination); Rules for Conditions of Classification, 2015- Offshore Units and Structures 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following: Mobile Offshore Drilling Units: 4-3-1/15, 4-3-3/Table 1, 6-1-7/9.7, 6-1-7/9.9, 6-1-7/9.11 & 6-1-7/9.15;
International Standards	IEC/EN60439-1:1999 (Amend.1, 2007), IEC 60529; EN 60204-1: 2006
Other Standards	Mfr's Pub 2500-SG001B-EN-P (9/09); Rockwell Automation Test Report EP-2522 dated 17 February 2010.

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	15-HS1350695-PDA	04/MAY/2015	03/MAY/2020

Spare Allen-Bradley Parts