



## Confirmation of Product Type Approval

**Company Name:** INTELLIGENT PLATFORMS LLC

**Address:** 2500 AUSTIN DRIVE VA 22911 United States

**Product:** Programmable Logic Controller

**Model(s):** Versamax PLC & Distributed I/O

**Endorsements:**

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	22-2284395-PDA	22-AUG-2022	21-AUG-2027
Manufacturing Assessment (MA)	23-5746864	16-MAR-2023	25-MAR-2028
Product Quality Assurance (PQA)	NA	NA	NA

### Tier

3 - Type Approved, unit certification not required

### Intended Service

Marine (Propulsion Control, Power Management, Alarm & Monitoring Auxiliary Machinery Control) for ACC & ACCU Class Vessels and Offshore and Industrial Controls.

### Description

Versamax modules consist of the components listed below:

IC200 followed by ACC303\*, ALG230\*, 240\*, 260\*, 261, 262, 263\*, 264\* 266\*, 320\*, 321,322, 325\*, 326\*, 327, 328\*, 329, 331\*, 430\*, 431\*, 432\*, 620\*, 630\*; TBM001\*; 002,005; CMM020\*, CHS001\*, 002\*, 003\*, 005, 006\*, 011\*, 012\*, 014, 015,022\*, 025\*, 101, 102, 111, 112; ERM001\*, 002, ETM001\*;CPU001\*, 002\*, 005\*; CPUE05\*; DBI001; EBI001\*; GBI001\*; PBI001\*; PNS001CA\*; PNS002CA\*; MDD840\*, 841\*, 842\*, 843\*, 844\*, 845, 846, 847, 848, 849, 850, 851; MDL 140, 141, 143, 144; MDL240, 241, 243, 244; MDL329, 330,331; MDL631, 632, 635, 636, 640\*, 643, 644\*, 650\*, 730\*, 740\*,741\*,742\*,743\*,744\*, 750\*, 930, 940\*; PWB001\*; PWR001, 002\*; 011\*;012\* 101, 102\*, 201, 202, BEM002\* - maybe followed by additional letters;

IC690ACC903\*

Note: Components marked with \* section have been tested to 70 °C for 2 hours.

### Ratings

1. Power Supply: 24VDC; 24VDC Expanded 3.3V
2. Power Supply; 120/240VAC; 120/240VAC Expanded 3.3V
3. Power Supply; 12VDC; 12VDC Expanded 3.3V
4. Operating Temperature: 0°C to 60°C

**Service Restrictions**

1. Unit Certification is not required for this product.
2. Tests and approval for hardware only. Each particular application/configuration is to be specifically approved.
3. This equipment is not suitable for installation in the outside/exposed to sea atmosphere.
4. All Versamax products with the exception of IC200PWR001, -101, -102, -201 & -202 are approved for Bridge and Deck installations when IC200PWR011, IC200PWR012, and IC200PWR002 DC power supplies are used in conjunction with a Corcom DC line filter #15DCB6F or equivalent.
5. 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**

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. Equipment must be installed in a metal enclosure with all cables coming into the enclosure being shielded.

**Notes, Drawings and Documentation**

Identifying Data task T2284395:

Drawing No. 4500603368, Purchase Order

Drawing No. Correspondence, PDA Application 18-HS1778716-PDA

Declaration of Conformity for Revalidation PDA

Partial Test (Emission, Immunity) Report No. 3696ERM.001 dated 14 June 2022 - Issued by the DEKRA Certification, Inc. 405 Glenn Dr. Suite 12, Sterling, VA 20164, United States of America

Supporting Data from previous task T1778716:

Versamax Distributed I/O Brochure;

EU Directive on EMC Certified by Technology International (Europe) Limited Certificate No. C878GEF21.MGS dated 4 October 2002;

Met Laboratories, Inc. Report: 24735-IACS, Dated 1 October 2008, TDD-20110421-MRO-1 Test Report dated 29 June 2012;

Curtis Straus Test Report EJ1393-1 dated 16 July 2012;

Curtis Straus Test Report EJ1320-2, -3 dated 30 July 2010;

BV Test Report No. EL1393-1 dated 16 July 2012;

BV Test Report No. NL1393-1 dated 29 June 2012;

ECO-00017654, -15682, -16157, -16227, -16265, -17113, -09355, -12022, -12803, -12899, -13205, -13865, -14094, -14243, -15281, -17801, -15476, -14094, -15682, -16261, -16711, -12367, -16138 & -12243

**Term of Validity**

This Product Design Assessment (PDA) Certificate remains valid until 21/Aug/2027 or until the Rules

and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

**ABS Rules**

2022 Rules for Conditions of Classification, Part 1 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following:

2022 Marine Vessels Rules: 4-8-3/1.9, 4-8-3/1.17.1, 4-9-9/Table1

2022 Rules for Conditions of Classification, Part 1 - Offshore Units and Structures: 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following:

2022 Mobile Offshore Units Rules: 4-3-1/9, 4-3-1/17.1

**International Standards**

IACS UR E10 (Rev.8, Feb. 2021)

IEC 60945:2002

IEC 61000-4-3:2020

CISPR 16-2-3:2016

**EU-MED Standards**

NA

**National Standards**

NA

**Government Standards**

NA

**Other Standards**

NA



A handwritten signature in black ink, appearing to read "Joseph W. Wilson".

Corporate ABS Programs  
American Bureau of Shipping  
Print Date and Time: 16-May-2023 4:36

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.