

DCU 305 A R2

Engine controller

A basic engine controller that is suitable for fixed speed generator engines not requiring a J1939 data link. The unit allows for appropriate analogue and digital signals to meet Class requirements up to UMS standards and more, as well as meeting the requirements of Class for wire break etc. Delivered pre configured, and expandable by using dedicated analogue and relay blocks, the unit is easily configured using a simple configuring tool. External communication is possible via a RS -232C port. Capable of operating in three switchable modes, Ships Service, Emergency, or a combined mode.



DCU 305 P R2

Similar to the R2 unit, this unit is configured for variable speed propulsion engines not requiring a J1939 data link. With the same capability of expansion via the AK and MK series of expansion blocks, integration into other elements of monitoring the propulsion system such as gearboxes etc is easily achieved. The units also supports external communication via an RS 232C port, matching the A version.



DCU 305 R3

The DCU 305 R3 is a development from the R2 models. This unit includes an interface to a J1939 data link, plus it combines the Classification Society requirements for functionality of both propulsion plus auxiliary modes into one unit. With a simplified and revised user interface, with easier navigation through the screens, the DCU 305 R3 is a natural progression for more sophisticated base engines requiring cost effective.



RK- 66 R2

This interface block is a mandatory requirement for each DCU 305 controller. With 12 switch inputs, 5 analogue inputs, 2 speed sensors, and other connections for power, speed relays and connection to the DCU 305, this unit is simply mounted upon a 35mm DIN rail, and supplied with a dedicated cable to the DCU, making connection easy.



RSP 305

Where remote monitoring of multiple DCU's is required, the RSP 305 should be utilized. Up to four DCU's can be connected to each RSP 305. Information is displayed in the same way as the local DCU 305 using the same high contrast / easy read screen. The RSP 305 configures itself to the DCU network automatically upon connection. For multiple panels on the same network, Auto -Maskin can create customized solutions or utilize the Marine Pro range

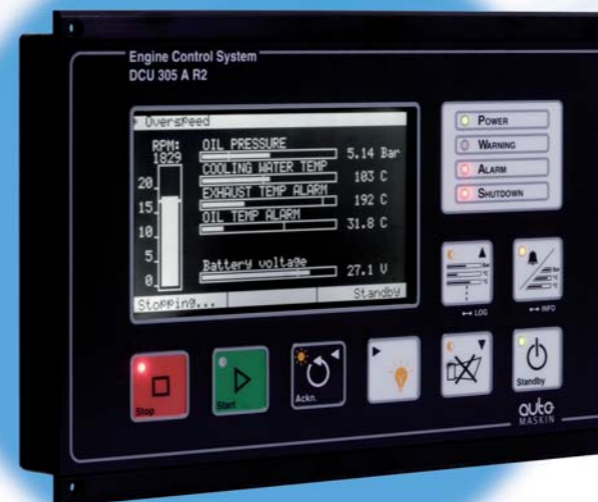


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THE MARINE PLUS RANGE OF DIESEL ENGINE CONTROL UNITS (DCU'S) HAS CONTINUED THE LONG TRADITION OF AUTO-MASKIN IN PROVIDING COST EFFECTIVE, SIMPLE, EASY TO INSTALL AND CLASSIFICATION CERTIFIED EQUIPMENT TO THE MARINE ENGINE MARKET GLOBALLY. SELECTED BY SEVERAL ENGINE BUILDERS AS THEIR PREFERRED MONITORING SYSTEM, THE MARINE PLUS SERIES OF UNITS HAS FULLY PROTECTED OWNERS INVESTMENTS FOR THE LAST 6 YEARS. WITH KEY FEATURES AND ATTRIBUTES TO COMPLIMENT HIGH QUALITY CONSTRUCTION AT ISO APPROVED FACILITIES, AND A TEAM OF ENGINEERS DEDICATED TO IMPROVED PRODUCTS , INSTALLATION AND OPERATIONAL TROUBLE SHOOTING, AND AFTER SALES SUPPORT, CUSTOMERS OF THE MARINE PLUS SYSTEM HAVE CONTINUALLY SPECIFIED AND RE SPECIFIED ORDERS FOR THESE SIMPLE, ROBUST AND EFFECTIVE PRODUCTS.



Proven

The marine plus range has been in production since 2002, with thousands shipped across the global. Our customers tell us time and again that the units are durable, dependable and reliable, despite the arduous conditions many are working under. This is a key reason we find that each returns to Auto-Maskin products for their next project. Each unit is built to the same exacting standards, whether for Classed use or not, and this attention to detail and quality has built an outstanding position in the premium marine market. Operators have proven that the interfaces are simple to use, and they can make fast and accurate operational decisions based upon the sure knowledge that the monitoring equipment is providing accurate and timely data. Installers who repeatedly tell us that the intuitive free software and simple to execute connections prove to them that they save time resources and money when specifying marine plus.

Quality

The engineering and production teams are focused upon delivering the highest quality with the marine plus range. From selection of the appropriate components to automated testing of sub assemblies and final assemblies within an ISO certified engineering and manufacturing environment, the key measure is the top quality of the marine plus hardware delivered. Quality does not end at the hardware. A dedicated team of marine specialists handle specific projects and customers, providing customized configuration or complete equipment solutions to meet customer needs. Dedicated software requirements or on site installation and training can be provided for to ensure a quality "right first time" delivery, including drawings and wiring diagrams



Capable

Capability starts with the people you are working with. At Auto-Maskin the Marine plus team are dedicated to the marine business and specifically to the production, supply and integration of their products into your project. From simple phone help to a customized, dedicated solution, the team have proven their capability. The Marine plus hardware has shown outstanding capability since its introduction. Demonstrated capability to interface with engines both old and new, including ECM driven engines. With the RK-66 interface, the DCU 305 based systems are highly capable of managing the internal and external interactions between the engine, control system and vessel. With Classification Society Approvals from 11 different societies, the DCU 305 is highly capable of reaching the most exacting quality and compliance standards for this equipment type anywhere in the world.

Effective

Marine plus has been so successful because of its effectiveness. Effective hardware and software, minimizing installation and commissioning issues means superior cost control during build. Effective displays and user interfaces to allow less experienced crews and operators to properly supervise equipment, and effectively provide the protection sorely required for capital equipment today. The effectiveness of these displays, plus features such as recorded event lists and the ability to communicate on digital networks also provides Owners the traceability and accountability required to manage their assets profitably. The marine plus team of engineers are highly expert in ensuring that the systems delivered are effective in meeting the key customer needs, and then supporting these systems throughout the life of the machinery.

