- Suitable for fixed and controllable pitch propeller systems with diesel or diesel-electric engines
- Modular system architecture with many options
- Wide range of function blocks
- Separate networks per propulsion train
- Up to 6 control stations
- Various control head options including lever follow-up
- Outdoor-suitable control elements
- Certified components
- Joystick option including dynamic positioning
- State of the art connectivity

Series Marex OS

The AVENTICS Marex OS works with many drive systems, including reversing gears and even the most modern drive concepts such as hybrid systems. Its architecture can be adapted to most customer specifications. Thanks to a self-monitoring CAN bus drive per train and an internal software PLC, the ship control is reliable and adaptable. Pre-assembly simplifies installation. By introducing the advanced generation of the Marex Propulsion Controller MPC3, Emerson goes beyond traditional propulsion control, offering comprehensive motion control by managing and optimizing further systems involved in moving and steering the ship.

Technical data

Industry	Marine
power supply	24 V DC -25%/+30%
	12 V DC -20%/+30%
Min. ambient temperature	-25 °C
Max. ambient temperature	70 °C
Relative humidity	0,95 %
Insulation strength	500 V AC
Max. Conductor cross-section of terminals	1.5 mm²
	2.5 mm² (only for terminals 1 and 2)
Max. Current load of terminals	10 A
	15 A (only for terminals 1 and 2)
Protection class according to EN 60529	IP20
Weight	1.6 kg

Materials:

Housing material	Stainless Steel

Part No.	R419300763

Technical information

EN 60945: 2002 Maritime Navigation and Radiocommunication equipment and systems. General requirements: Methods of testing and required test results.

IACS E10: 2022-01 Test Specification for type approvaL

DNV-CG-0339: 2021-08 Environmental test specification for electrical, electronic and programmable equiprnent and systems

LLOYDS Register: 2021-12 Performance and environmental test specification number 1.

Dimensions