

The AVENTICS logo features the brand name in a bold, sans-serif font, with a stylized 'A' icon in a red circle to the right.

AVENTICS

MAREX AMC
PLAY IT SAFE

The Rexroth Pneumatics logo consists of the word 'Rexroth' in a bold font above the word 'Pneumatics' in a smaller font.

Rexroth
Pneumatics



Keep an eye on the vital signals of your vessel with Marex AMC

Whether workboat or yacht, for skippers and technically responsible persons immediate access to vessel information and functions is elementary. The operator-oriented, adaptable user interface provides a structured and clearly arranged access to all the information. And that, of course, with a classification certificate.



Safety systems

Every aggregate, no matter if generator or main propulsion engine, requires a reliable safety system. Numerous manufacturers of ship engines already rely on our configurable systems to signal safety-relevant operating data like overspeed, oil pressure loss and others.

Alarm and monitoring systems

Aside from the propulsion aggregates there are numerous systems on every vessel where conditions must be monitored. With its decentral data recording and the modular structure Marex AMC provides a safe data collection and bundling system. Data can be arranged in individual groups. It is transmitted via CAN bus and is displayed in various inside and outside locations. For this purpose a great amount of displays with touch screen and automatic dimming are available.

Automation systems

If remote control and system automation are required on a vessel, the monitoring system can be easily extended by control functions. The output modules are relay units or bus couplers. Pump controls are available as compact units. Individually adaptable flow charts and function diagrams visualize the systems on the displays and can be easily operated by means of the touch screen.



Marex AMC in short

Features

- ✓ Modular and scalable architecture
- ✓ State-of-the-art graphics and design
- ✓ Easy-to-use interface

Applications

- ✓ Safety systems
- ✓ Alarm and monitoring systems
- ✓ Automation systems

Decentral data recording – flexibly adaptable user interface

Components and applications

The monitoring systems are available in two versions – Marex AMC Compact and Marex AMC Modular: both versions are classified and can be applied in the fields of professional shipping and off-shore. The application is almost unlimited: customer requests ranging from an easy alarm system to ship automation with door control and fire alarm visualization can be fulfilled.

The Marex AMC Modular is based on CAN bus. Thus, integration with the remote control Marex OS III is easy.

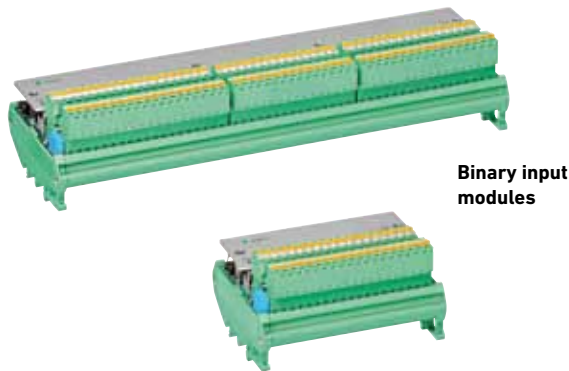
For the Marex AMC Modular we offer displays ranging from 5.7 inch to 19 inch, displays from a size of 8.8 inch are available with touch function. External systems can be connected via CAN SAE J1939, Modbus and NMEA.

Marex AMC Compact

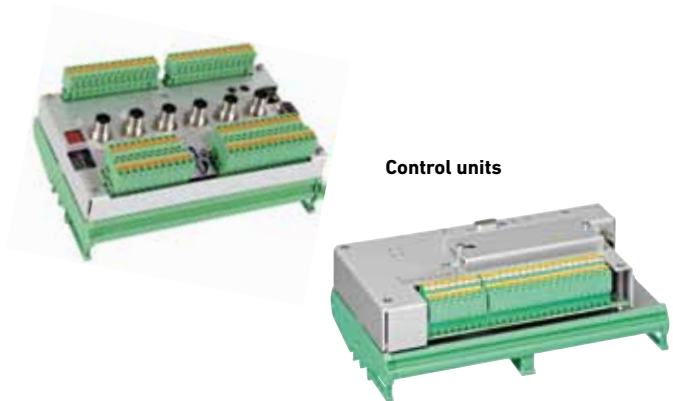
Recording and indication of purely binary signals including watch cabin units and engineer call functions.

Marex AMC Modular

Recording, indication and control of all kinds of signals. Processing of up to 1,000 signals including assorting data and configuration of limits and threshold values. Displays are designed individually on customer's request.



Binary input modules



Control units



Compact alarm or safety system



Operating units

The best should be just good enough for alarm and monitoring systems. Safety on board allows no compromises.



System solutions made of reliable modules – turn-key projects from one source

Our products are fail-safe and low in maintenance. We provide advice from the first draft and accompany you beyond the conclusion of the contract throughout project engineering up to the commissioning. The system solution with reliable support during the operation by our worldwide service network provides additional safety.

We design and manufacture in cooperation with:



AVENTICS GmbH

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Your Contact:

Four L-shaped corner brackets are arranged in a square pattern, defining a space for contact information.

Further contacts:
www.aventics.com/contact

The data specified only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

