

The new Industrial Managed Switches with maritime approvals

Complete Flexibility, Greater Security

ETHERNET's presence is growing aboard ships, prime examples include drive control, deckbased cargo lifts or alarm and monitoring systems. Therefore, cost-efficient, stable and redundant network solutions are necessary, which include components like WAGO's 852 Series Industrial Managed Switches.

The individually configurable Industrial Managed Switches reliably network all ETHERNET nodes and ensure continuous access to machines and systems. The "Rapid Spanning Tree," "Dual Homing," "Dual Ring," "Jet Ring," "ERPS v1/v2," and the fast "Xpress Ring" protocols enable the creation of redundant network structures with short recovery times of less than 50 ms. This guarantees secure communication, even when connections are faulty. Every WAGO Industrial Managed Switch also features a redundant power supply for uninterrupted data communication (transmission rate up to 1 GBit/s). This value-add feature contributes to secure operation of machines and systems on board ships.

Comprehensive security functions

Industrial Managed Switches from WAGO support up-to-date security functions, such as "Mac Limitation," "Port Security," and authentication per IEEE 802.1x. Furthermore, "IGMP Snooping," broadcast and bandwidth limitation enable additional data flow control. The advanced security functions support these next-generation switches in protecting your systems against cyberattacks and accidents that can adversely impact people, machinery and the environment.



High-performance downtime prevention: WAGO's new Industrial Managed Switches with ring redundancy, redundant power supply and leading security features.

Industrial Managed Switches with DNV GL approval for use on ships are each available in two different versions: 8-port 1000Base-T and 4-port 1000Base-SX/LX models (852-1305), as well as the 8-port 100Base-TX and 2-port 1000Base-SX/LX models (852-303). All switches can be individually configured to meet the requirements of various network structures.