

# *Power Distribution & Control*

## Switchboards



**The new compact class**

## **||S interschalt** Power Distribution & Control

*Ship specific design with standard modules*

*Low maintenance effort*

*Integrated Power Management System*

*Space optimized design*

*User friendly construction and structure*

*Integrated Automation System components*

*Efficient load management*

*High quality at a competitive price*

INTERSCHALT launched the new compact class of switchboards. On merchant vessels or on mega yachts the new compact class of switchboard is built to meet highest requirements on efficiency regarding power management, required space and your all day work. With the new compact class of switchboards we further improved our own highest standards significantly.



With changing markets, INTERSCHALT offers with the new compact class of switchboards, state-of-the-art design as well as German engineering at market conditions. Innovation for shipping and quality reliability stand at the forefront of our daily work - to remain the partner of choice for our customer.

### **Condition based maintenance**

Optional collection of operational data via a centralized network (bus-system) enables us for condition based maintenance.

## Applications

### Main Switchboard

- Use in small vessels e.g. tug boats up to large carriers
- Intelligent power distribution systems
- Diesel electric propulsion systems
- Main bus bar up to 8,500 A

### Emergency Switchboard

- Emergency and harbour modes
- Auto-synchronizing by power management system

### Motor Starter

- As group starter panel or single starter
- Integrated in main switchboard or as decentralized system



### Significant Features

- New compact and modular design reducing dimensions
- Modular setup with functional groups
- Sophisticated, tailor-made design for high quality requirements
- Switchboards in high-grade steel and stainless steel
- Optimized arrangement of equipment for optimal ease of use
- Tailor-made special paintwork
- Compliance with different class regulations and Green Passport (in preparation)
- Compliance with IEC 61439
- For installation of fixed mounted or with drawable circuit breakers
- Conditional load sharing and load shedding of major consumers, reefer containers and generators controlled by power management system

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