The power to explore

Okken intelligent switchboard for Marine and Offshore platforms

Okken™ intelligent low-voltage switchboard solutions are comprehensive, modular, and type tested. They are superbly adapted to solving the demanding power distribution and motor control challenges of Marine and Offshore applications.

Okken is easily optimized for space, cost, operating conditions, and performance requirements. It is a field-proven, durable, flexible, and compact switchboard solution that features high-performance Schneider Electric™ devices to keep your operations running safely and reliably, even in the most demanding conditions.

schneider-electric.com/okken

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Okken Marine cubicles with specific accessories such as column caps and handrails

Flexible, withdrawable design for power and motor control

Compact Okken switchboards answer the needs of the most demanding applications by allowing you to install more equipment in the same space.

Disconnectable system for safe power distribution

The high-security Okken power distribution switchboard offers maximum reinforced electrical isolation, maximum flexibility, and highest quality standards thanks to the Polyfast system.

1. Protection and safety

- Compliance with IEC 61439-1&2 standards, type tested by ASEFA and LOVAG labs
- Active and passive internal arc fault protection tested according to IEC TR 61641-V3
- Maximum personnel safety thanks to close door operation, isolated live part (up to IPxxD), and reliable front-position indicators

2. Supply continuity

- Selectivity and type 2 coordination
- On-load operation protections and easily withdrawable drawers
- Thermal monitoring
- Rapid restarting and zero down time tolerance

3. Dependability and availability

- 100% designed by Schneider Electric
- Modular, standardized, and compatible architecture

4. Industry-specific certifications

- DNV and RINA marine certification for high vibration and saline environment
- DEP Shell approval for petroleum, gas, and petrochemicals

5. Optimized footprint

- More features with less volume and weight
- Space-saving, full- and half-width drawers directly connected to the vertical busbar
- Back-to-back configuration for double front access

6. Reliability in harsh environments

- SO_2/H_2S versions for the petrochemicals industry
- Specific anticorrosion surface treatments
- Several protection degrees (up to IP54) for dusty and damp environments

7. Smart panels — built-in intelligence

- iPMCC (intelligent Power and Motor Control Centre) by Okken — a smart, advanced solution for protection, fault prevention, automatic restarting, and improved productivity
- Best-in-class power distribution, motor control, and power factor correction, plus smart-grid-ready technology

8. Internal arc protection

- Internal arc withstand up to 100 kA/0.5 s and arc flash detection
- Arc-free zone with encapsulated active parts on full switchboard
- Disconnectable and withdrawable Polyfast™ system partition terminals
- Superior withstand on all three positions of withdrawable drawers
- Short circuit current protection up to 150 kA

9. Canalis system compatibility

- Compatibility with the Canalis prefabricated trunking system for easier, safer, and better-performing installations

10. Environmental responsibility

- Green Premium™ product: no hazardous materials, reduced carbon footprint and energy consumption, and optimal recycling
- RoHS restriction, REACH declaration, Product Environmental Profile (PEP), End of Life Instructions (EoLI)

11. Schneider Electric services

- Global offer and supply chain
- Worldwide, localized support for troubleshooting, maintenance, and more
- Customized on-site or learning-centre-based training

DNV

RINA SERVICES

Green Premium™ Product

Find out how Okken switchboards can solve your toughest challenges.
Learn more and download our complete brochure at www.schneider-electric.com/okken

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