

MEcubE+



Let **MEcubE+**
Take Charge

 **Marine Electricals**

Powering Business Worldwide



Managing Electrical Distribution efficiently, reliably & safely is a primary requirement of any business establishment, be it Industry, Building or Data Centers.

At **Marine Electricals**, we help our customers in different segments across the world to manage increasingly complex power distribution systems, with hundreds of switchgear products that answer these needs, through our state-of-the-art switchboards and automation systems.

We have been associated with projects of varied criticality and complexity, in all the major segments like Oil & Gas, Chemicals, Pharma, Food, Data Centers, Hospitality and Office Complexes.

Being electrical solution provider in Defense, Marine & Offshore Segment for four decades, we have the experience to design rugged and fail-safe solutions with complex automation communication capabilities, which has helped in developing new state-of-the-art equipment for industrial and buildings sector.

KEY VALUES

Safety First

Our products are tested as per latest global standards

Customer-driven

Products & services based deep understanding of customer need

Innovation

In Concepts, Processes and Aesthetic

Diverse Pool of Expertise

Capable to adapt new technology and solutions



Switchgear Technology is in our DNA



MEcubE+ is a Low Voltage Switchboard system, jointly designed by Marine Electricals and STI, Italy; considering the customers basic needs, safety, reliability and modern demands of connectivity for monitoring and energy efficiency.



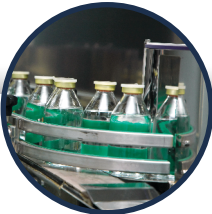

Our close association with STI, Italy has further enhanced product design and pleasing aesthetics, thanks to Italian sense of style and STI's vast knowledge of applications, latest technology in IoT arena.



MEcubE+ Low Voltage Switchboard sets high standards for Power Control Centre & Motor Control Centre for industrial applications and in Infrastructure installations. These switchboards are design verified and extensively tested as per latest IEC 61439 standards by ASTA, UK.

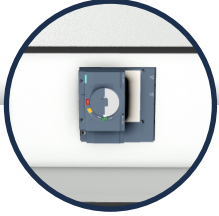
MEcubE+ goes beyond standards to ensure highest possible degree of safety for operators and installation. Designed to be space, energy efficient while ensuring ease of installation and operation.

MEcubE+ is a simple and modular solution which can be optimally adapted to every requirement when designing the complete system.

Buildings and Infra	Data Center	Industry	Process Plants
 <ul style="list-style-type: none"> • Compact • Aesthetic • Cost-efficient • Operator Safety • Energy Monitoring 	 <ul style="list-style-type: none"> • Smart & Modular • Flexible • Scalable • Continuity of Supply • Energy Optimization 	 <ul style="list-style-type: none"> • Adaptable • Compact • Cost-efficient • Smart Solutions • Energy Monitoring 	 <ul style="list-style-type: none"> • Efficient Designs • Advance iMCC Solutions • Harsh Environment Compatibility • Process Control

Designed for Safety and Flexibility

Accidental Touch Protection

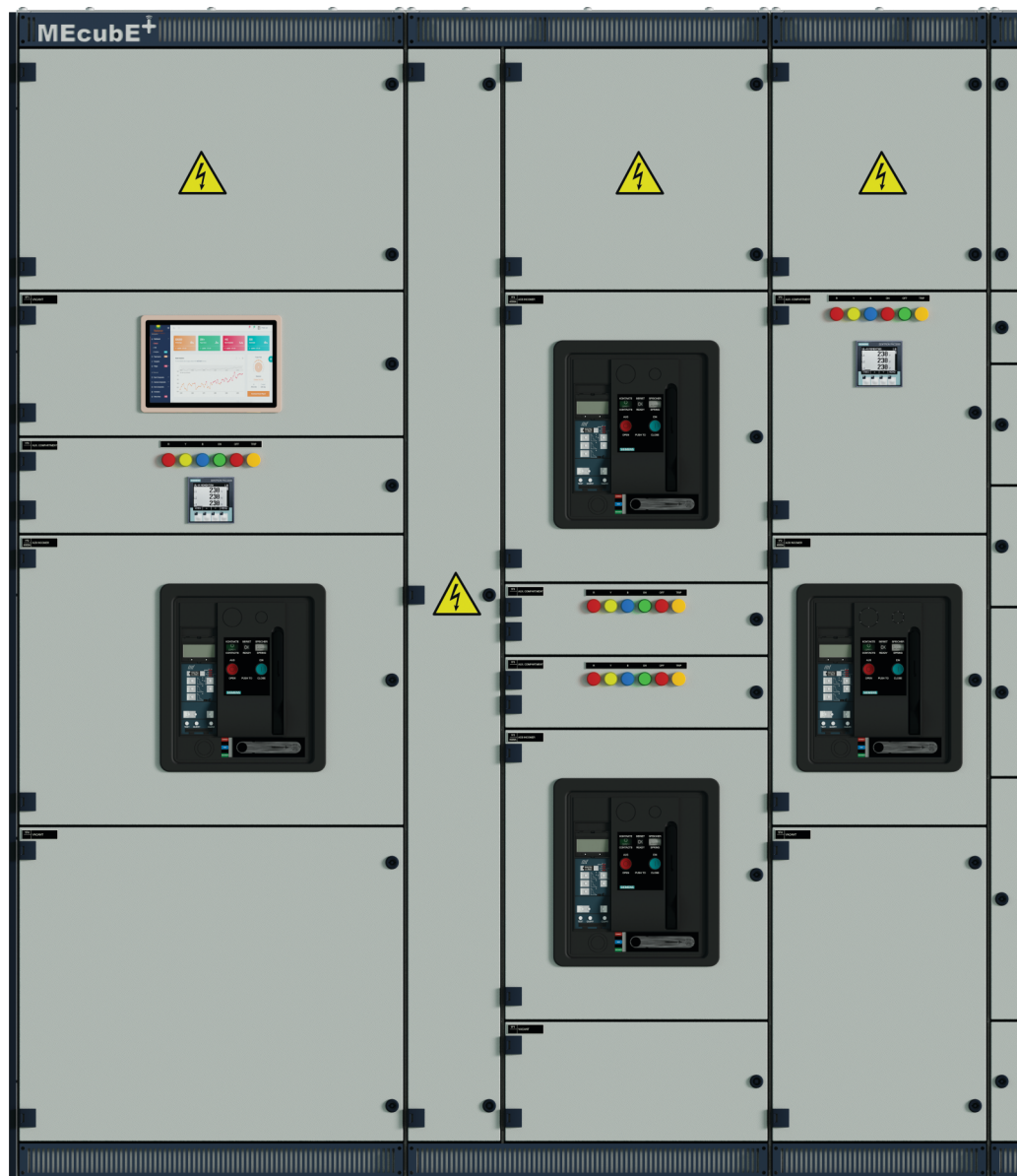


Barriers are provided to prevent any accidental touch to live parts after opening the feeder door or busbar compartment.
Finger touch proof terminals for control components

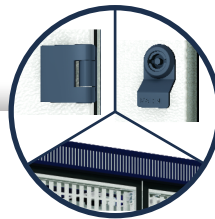
Functional Segregation



Effective segregation of main function from each other busbar, functional units and cable chamber.
Based on your need Forms 2, 3, 4 can be offered.



Ergonomics and Aesthetics



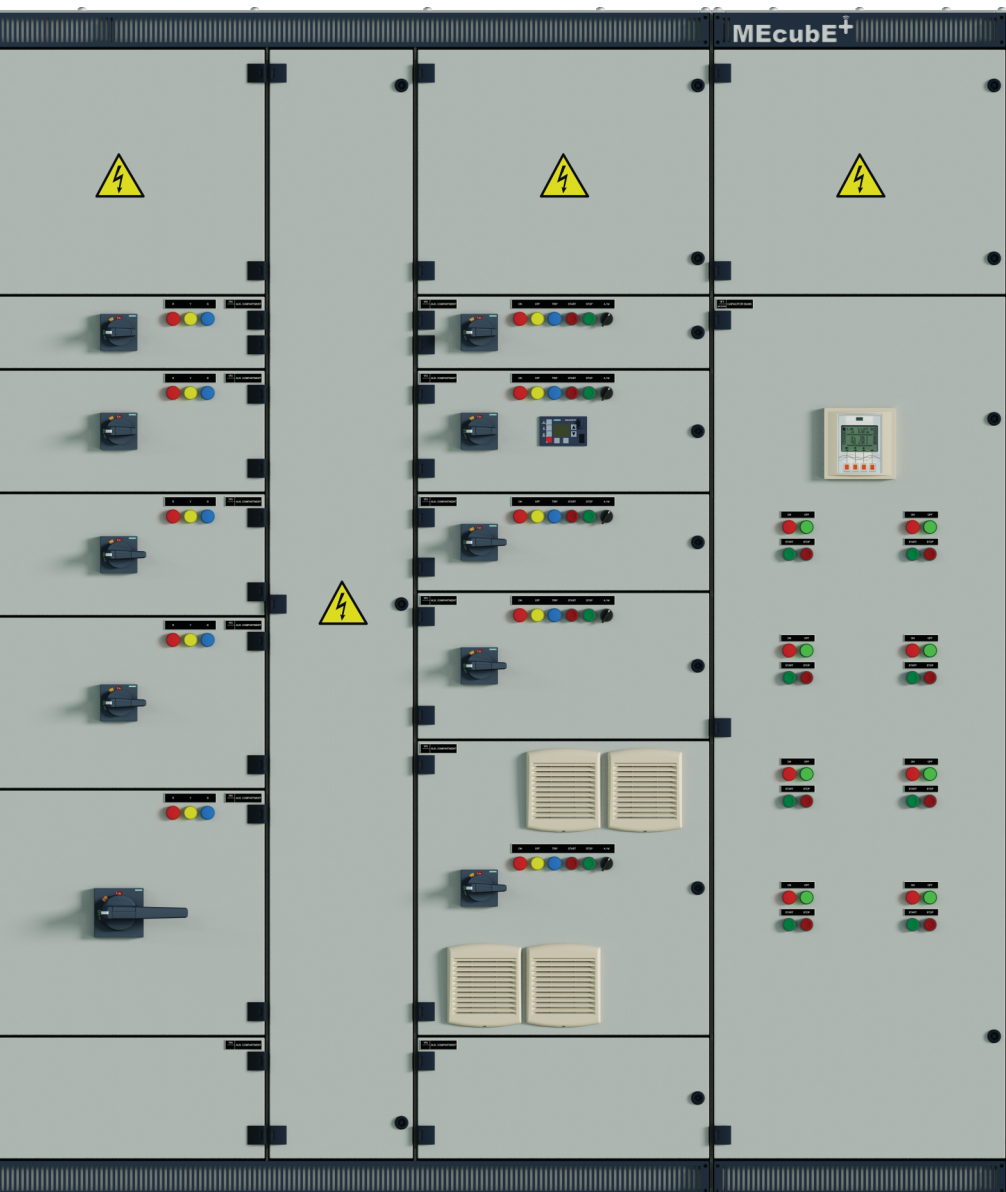
Ergonomically designed hinges, grills, door locks etc. offer pleasing aesthetics.
The layout of the entire switchboard is engineered to offer consistent look and operational ease.

Certified



As per IEC 61439 tests and design on complete range of leading makes of

Quality with Expertise of STI, Italy



Connectivity



- **MEconnect Eco** - Basic monitoring
- **MEconnect Touch** - Diagnostics & Analytics
- **MEconnect Mobile** - Cloud & Value added services

Selectivity



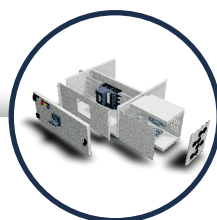
- Top or bottom busbars to suit cable and busduct entry
- Cable entry from side, rear or front with suitable cable alley size
- Choice of colour

by ASTA.



9 -1 & 2, all type verifications done nge, incorporating switchgears.

Modularity



Modular concepts in design in feeder module design, cable alley & busbar sizing helps for faster manufacturing & assembly at factory. Easer modifications and upgrades at site.

Smart Solutions with an Intelligent MEcubE⁺



Intelligent Switchboard

Availability of current and historic information online at different locations is key to manage installation effectively and efficiently. MEcubE⁺ uses modern intelligent protection, switching and control devices that have capability to capture extensive diagnostics, status, measuring, statistical and service data.

Clear and comprehensive presentation and analysis of this complex data helps to take quick decisions and implement appropriate automation of the system. This is possible only by using modern display units and appropriate application software.

Our MEconnect control visualization application software effectively provides this feature

With MEconnect Application software, MEcubE⁺ switchboard can be operated and monitored uniformly across the installation, status information and measured values are displayed comprehensively and clearly.

The data can be seamlessly connected with high level process automation, energy monitoring systems. This provides high-level switchboard availability and transparency of the entire electrical system, locally on the switchboard display unit, in control room and even remotely on mobile devices.



Predictive Maintenance



Operation and ageing Indicators

- Asset availability & reliability
- Maintenance planning
- Warnings for impending failures

Process Control



Motor Status and Control

- Process optimization
- Process continuity
- Early warnings and alarms

Energy Monitoring



Measurement and Control

- Optimizes energy usage
- Source management
- Cost allocation

Asset Management



Data Storage and Analytics

- Data of each device
- Fatigue analytics
- Thermal management

Our Services and Other Products



Services

- Erection & Commissioning
- Design and Development
- Annual Maintenance Contracts
- Trainings



Medium Voltage Equipment

- 6.6kV/11kV/33kV
- Indoor / Outdoor



Busducts and Rising Mains

- Design & Procurement
- Erection & Commissioning

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