

# Low Voltage Switchgear

 **PROMASTER**  
ELECTRICAL SWITCHGEAR

A Division of Faisal Jassim Group



A DIVISION OF



**Faisal Jassim Group**

We bring life to your building

## About Us

**Promaster** brand electric switchgear division is an affiliated entity of Faisal Jassim Group, has evolved as a result of our 30 years experience in the design and manufacturing of low voltage power distribution system. We in Faisal Jassim Group take big pride in the huge efforts that went into the development of Promaster, incorporating the latest technologies and complying with the world's most stringent testing certificates. Today, Promaster offers one of the broadest portfolio in the gulf market, covering all applications in the industrial, water treatment, residential and commercial building sector .

We have a reputation for producing quality panels, a know-how earned through many years of experience, backed with sound engineering methodology. This gives us the confidence to produce and deliver high class products to the satisfaction of our client's specification.

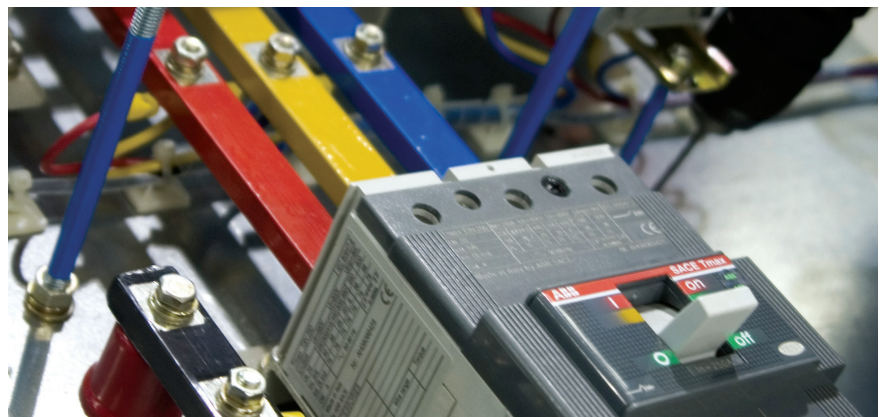


## Why Choose Us

- Optimized solution for better, cheaper and faster production.
- Tried and tested technology through hundreds of installations.
- Possibility to fix different components.
- Available with many configurations to suit projects requirements.
- High quality and strong panel structure to withstand harsh environment.
- Possibility of remote management.
- Protection against Electrical, Mechanical and Thermal effects of a fault.
- Flexible and compact design techniques.

# A Solution Provider

The technical requirements in the field of low voltage controls and distribution are high. Customers request cost-efficient solutions, easily integrated in control cabinets or distribution systems, optimally matched and communicating perfectly among each other. Our innovative Promaster total range is our answer to a demanding industry.



Our product range includes far more than the latest technology. Besides switchgear panels, we offer numerous additional services, saving your valuable time. Promaster offers design assistance in system configuration, proper product data sheets for convenient documentation, helpful planning tools in addition to training support.

One thing has always been particularly important to us: We would like to help you to complete your designs and executions as perfectly and efficiently as possible. For this purpose, we maintain close dialogue with end users from all sectors. We listen to your problems, address your requirements and advance our system solution in accordance with latest standards, ensuring you success and competitiveness.

# Our Range of Products

- Main Distribution Boards (MDB) upto 4000A
- Sub Main Distribution Boards (SMDB) upto 1600A
- Final Distribution Boards (FDB)
- Synchronizing Panel
- Motor Control Centres (MCCs)
- Control Panels
- Drawout Type Motor Control Centres
- Power Factor Correction Panels (Capacitor Banks)
- Automatic Transfer Switches (ATS) and Changeover Panels
- Variable Frequency Drives (VFDs), Soft Starters and Thyristor Panels
- Power Monitoring and Management Systems (PMMS)
- Active Harmonic Filters (AHF)
- Sewage Treatment Plants Motor Control Centres



# Production Planning and Control

We have a well laid out, fully air conditioned, dust free manufacturing facility having a shop floor area of 4000 sqm and employees more than 200 skilled workers. Our sophisticated production facility incorporates pneumatic lines along with the required tools, busbar fabrication machines, hand tools and other related machineries.

Our team consists of well experienced designers and engineers capable of providing highly engineered and meticulously assembled electric switchgear and control panels. We use advanced software to assist the engineers in all the design aspects.

The production line technicians are divided into several teams headed by team leaders, while the entire activity is coordinated by the production supervisor.

Our efficient inventory management assists faster production output, as we keep large stock of components and consumables in our inventory.

We define and control the sequence of LV Switchgear assembly, which includes the interface activities and the different activities leading to testing of the panels, in compliance with project specifications and final approved drawings. Our manufacturing process is in accordance with ISO 9001:2008 quality standard.

We inspect the incoming materials at the receiving point to confirm the standards and specifications are complied. The stages of inspections and surveillance are in accordance with Inspection and Test Plans (ITP) to assure the quality of work as per the specification and installation procedures.

The foolproof quality control system setup by the production supervisor and quality control engineers ensure top quality panels.

The testing of the panels is done with the latest and periodically calibrated testing tools and equipment.



# Product Test Certifications and Approvals

Promaster panels are full type tested in accordance with IEC 61439-2 by the following international certifying authorities:

- **ASTA:** Promaster system with ABB Breaker full type tested on ratings from **2500A through 4000A**
- **KEMA:** Promaster system with ABB Breaker full type tested on ratings from **250A through 1600A**
- **UL Type:** Promaster system **capacitor bank** full type tested on ratings from **25KVAR through 450KVAR**
- **ASTA: ARC test** on Promaster system
- **KA Testing Facility: Mechanical impact (IK10) test** on Promaster system

Promaster electric switchgear systems and control panels are approved by the UAE authorities in the following jurisdiction:

- ADWEA (Abu Dhabi Water and Electricity Authorities)
- ADDC (Abu Dhabi Distribution Company)
- DEWA (Dubai Electricity and Water Authority)
- SEWA (Sharjah Electricity and Water Authority)

## After Sales Support

Customer service excellence has always been one of the critical competitive advantages for our business. Our experienced and dedicated service team is capable of attending and troubleshooting any critical issues efficiently. Our dedicated after sales team in each region is capable of providing "Rapid Response" support to the clients. Our team is equipped with modern tools to conduct SAT and have the expertise to provide effective support to ensure timely hand over.



## Applications

- Energy/Power
- Industrial
- Water and Wastewater Treatment
- Commercial and Residential Building
- Defense
- Healthcare
- Infrastructure
- Aviation and Airports
- Manufacturing and Process Industries
- Sewage/H2O Treatment
- Landscaping and Irrigation
- Water and Electricity Authorities
- HVAC
- Pumping Stations



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