

SERVOKON

RAKHE SAB CONTROL MEIN



**HT & LT
ELECTRICAL PANELS**



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ABOUT US

OUR COMPANY OVERVIEW

One of the largest manufacturers and suppliers of power conditioning equipment and transformers in the Indian market, Servokon has been synonymous with quality and unmatched performance for more than three decades. The values embedded by Mr. Haji Kamruddin in the organisation's culture at the time of establishment in 1990 are still revered by the stakeholders, and they helped Servokon to steer towards international markets with exceptional growth on export fronts.

The brainchild of Mr. Haji Kamruddin has now evolved into a path-breaking brand of industrial and social significance, and the entire product range of Servokon speaks volumes about the vision and farsightedness of a leader with a high proclivity towards technological innovations and willingness to adopt the best business policies. That's why since its inception, the company has experienced tremendous growth that has gradually helped it to emerge as a national leader in power conditioning equipment and transformers.

Servokon manufactures and delivers avant-garde products, including Power Transformers, Distribution Transformers, Servo Voltage Stabilizers, Rolling Contact/Linear Type Servo Stabilizers, Automatic Voltage Stabilizers, Online UPS, Solar Power Generation System (SPGS), HT AVR, Built-in AVR, CVT, Variable Auto Transformer (Variac), HT & LT Electrical Panels, Furnace Transformers, Pad Mounted Transformers, Isolation Transformers, Compact Sub Stations (CSS), Packaged Sub Stations (PSS), Step Up & Step Down Transformers, Special Duty Transformers, Solar Inverter, Solar Battery, Solar Panels, Geysers and various other Industrial & Domestic Products. Servokon's progressive and transparent company policies and state-of-the-art manufacturing facilities have helped it to extend its market reach even beyond India.

Every product has to pass stringent quality tests before finding its place in the market. Servokon maintains Indian standards (IS), IEC, IEEE, NEMA & various international standards throughout the manufacturing and distribution processes. These consistent efforts in quality assurance have helped Servokon secure approval from the various reputed government institutions and boards such as Central Power Research Institute (CPRI), Electrical Research and Development Association (ERDA), National Test House (NTH), National Accreditation Board for Testing and Calibration Laboratories (NABL), Power Grid Corporation of India Limited and many more government approval bodies.

VISION

To carve a distinct and impactful niche in the production and supply of robust power conditioning solutions such as High-capacity Transformers and Servo Stabilizers through an efficient network of channel partners in India and abroad. Besides, Servokon is committed to facilitating the renewable energy goals of industries and economies through research-based and cost-effective solar power solutions.

MISSION

To successfully understand the present and future needs of domestic and overseas markets and meet their expectations with the most advanced, efficacious, and budget-friendly solutions. Moreover, to continuously add value to Servokon's products and services by leveraging innovations, incorporating skills, and adhering to professional ethics.



Let's bring Quality
& Consistency
together!

#SaifAliKhan

35
YEARS OF TRUST



MEDIUM VOLTAGE VACUUM CIRCUIT BREAKER PANELS (VCB)

Servokon is a leading manufacturer and supplier of VCB panels in India. Our range includes state-of-the-art switchgear for 11 and 33 kV with cutting-edge technologies in VCB up to 1500 MVA fault levels. "We have developed our expertise to offer an exclusive range of HT switchboards to our valued customers. Manufactured with a combination of High Quality raw materials and latest techniques, we have developed a range of products that are of high quality. We timely deliver the ordered consignments within the stipulated time frame and work towards achieving maximum customer satisfaction.

Vacuum Circuit-breakers have a complete range of accessories to satisfy all installation requirements. The operating mechanism has a standardised range of accessories and spare parts that are easy to identify and order. The accessories are conveniently installed from the front of the circuit-breaker. Electrical connection is carried out with plug-socket connectors. Usage, maintenance and servicing of the unit are simple and require little use of resources.

The VCB are used in power distribution for control and protection of cables, overhead lines, transformer and distribution substations, motors, transformers, generators and capacitor banks.



RANGE We Offer

VCB Panels Range Rated Voltage : 3.3/6.6/11/ 33 KV

Rated Current : 630/800/1250/ 1600

Amp Short Ckt Current - 20/26.3/ 40

KA Application : Indoor / Outdoor Bus Bar- Aluminium / Copper Type : Extensible / Non Extensible



HT PANELS

HT Panel is similar to LT Panel except it is used with High Tension Line prior to any Transformer. We manufacture following type of HT Panels :-

Ring Main Unit

A ring main unit (RMU) is a factory assembled, metal enclosed set of switchgear used at the load connection points of a ring type distribution network. It includes in one unit two switches that connect both sides of the load to the main conductors and a fusible switch or circuit breaker that tee-off to feed a distribution transformer medium voltage to low voltage (MV to LV).

We offer complete range of RMU Units manufactured by ABB / Schneider with different Isolator + VCB Combinations as required by the Client.



Control Relay Panel

We manufacture Control & Relay Panels (CRPS) used for the protection of electrical networks ranging from 11kV to 66 kV. Our product range for both indoor and outdoor panels includes. Feeder protection panel for both incoming and outgoing lines Transformer panel covering both HV and LV side protection.

We have expertise in using electromechanical, analog and digital relays in our panels. We integrate relays from popular manufacturers like ABB, Areva, Siemens, GE, SEL. Etc. The panels of varying sizes based on the requirement are designed.





LT PANELS

LT Panel is an electrical distribution board that receives power from generator or transformer and distributes the same to various electronic devices and distribution board. Our LT panels are designed to work with low electricity consumption that makes them cost effective. We manufacture following type of LT Panels :-

Power Control Center (PCC)

We offer PCC Panel with a current carrying capacity up to 6300 Amp. We have short circuit type test Certificate of 65 KA / 1sec from CPRI. Our PCC Panel integrated with all necessary protections to ensure that it meets all safety standards prevailing in the industry. As a special feature we provide energy management system through which you can have one month record of energy data of all feeders.



Automatic Power Factor Correction Panel (APFC)

We offer APEC Panel controlled through Thyristor cards or contactor based depends on nature of Load. To overcome harmonic effects we use detuned reactors. We supply the panels with APP/MPP Heavy duty capacitor banks as per characteristics of electrical loads. This panel is of great use to minimize loss and wastage of energy and heavy penalties by electricity boards.



CT & PT PANELS

A current Transformer (CT) constitutes the principle measuring device for protection and metering purpose in any power system. The Class of accuracy for metering CT's are 0.1, 0.2, 0.5s, 0.5 & 1.0 and in case of protection CT's, it is 5P20 & 10P10.

- Indoor cast resin CT's for switch gears upto 33Kv
- Outdoor Oil Immersed CT's upto 33Kv
- Bus Duct CT's upto 33Kv

A Potential Transformer (PT) plays a key role in Electrically Isolating the instrument and relays from the high voltage side and for Transferring voltage from higher values to proportional lower values upto 63.5V, 100V, 110V or as per standard equipment. The Class of accuracy of metering PT are 0.1, 0.2, 0.5, 1.0 and protection is 3P.

- Indoor cast resin & Oil Cooled PT's
- Outdoor Oil Cooled type PT's



Our Prestigious CLIENTS



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PRODUCT RANGE

- Power Transformers ▪ Distribution Transformers ▪ Servo Voltage Stabilizers ▪ Rolling Contact/Linear Type Servo Stabilizers
- Automatic Voltage Stabilizers ▪ Online UPS ▪ Solar Power Generation System (SPGS) ▪ HT AVR ▪ Built-in AVR ▪ CVT
- Variable Auto Transformer (Variac) ▪ HT & LT Electrical Panels ▪ Furnace Transformers ▪ Pad Mounted Transformers
- Isolation Transformers ▪ Compact Sub Stations (CSS) ▪ Packaged Sub Stations (PSS) ▪ Step Up & Step Down Transformers
- Special Type of Transformers ▪ Solar Inverter ▪ Solar Battery ▪ Solar Panels ▪ Geysers



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