AUTOLOGIC CONTROLS



EMPOWERING YOUR WORLD WITH
PRECISION CONTROL PANELS

AUTOLOGIC CONTROLS, a leading manufacturer of control panels for a wide range of industries., where innovation meets excellence. Explore our comprehensive range of electrical control panels designed to enhance your electrical systems' efficiency and reliability.

We provide advanced and modern technological solution for our client such that they are more productive and much more profitable than before. We promise of arrange of products that are not only of an outstanding performance but of a lower cost that would match your budget.

At our core, we believe that automation should be accessible to everyone. That's why we have made our product affordable and easy to use, without compromising on quality or performance

WHY CHOOSE US ?

CUSTOMIZATION
customized solutions for your specific needs

QUALITY
ensuring superior performance and customer satisfaction."

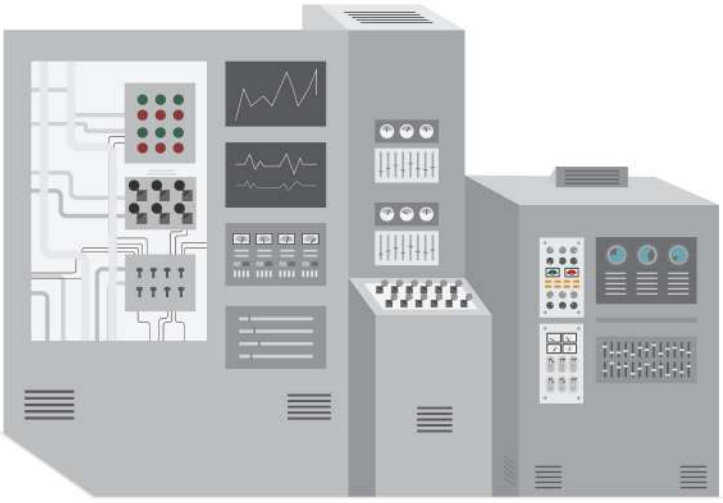
RELIABILITY
reliable solutions that power your systems, operations, and success.

EXPERTIES
optimize performance, reduce downtime, and enhance safety, ultimately contributing to the success of businesses and industries I serve."

CUSTOMER SERVICE
being responsive, helpful, and kind, even when things are tough.

OUR MISSION

At **AUTOLOGIC CONTROLS**, our mission is clear: to empower your systems and businesses with control panels that lead the way in performance, safety, and energy efficiency. We don't just manufacture control panels; we engineer solutions that shape industries.



OUR PRODUCT RANGE

ELECTRICAL L.T PANEL

- PCC PANEL
- MCC PANEL
- APFC PANEL
- POWER DISTRIBUTION BOARD
- LIGHTENING DISTRIBUTION BOARD
- FEEDER PILLAR PANEL
- AUTO CHANGEOVER PANEL

INSTRUMENTATION PANEL

- ELR CONTROL PANEL
- OPERATION OF INSTRUMENT LIKE TEMPERATURE, PRESSURE, FLOW, LEVEL AND ELECTRICAL PARAMETERS

STARTER PANEL

- STAR-DELTA CONTROL PANEL
- DOL CONTROL PANEL
- VFD/ SOFT STARTER CONTROL PANEL

FLANPROOF CONTROL PANEL

- FLAMEPROOF VFD CONTROL PANEL
- FLAME PROOF MOTOR STARTER PANEL
- FLAMEPROOF INSTRUMENTATION PANEL

PLC / SERVO CONTROL PANEL

TESTING PANEL

KEY FEATURES

- Using eplan software as standard for our power & control drawing.
- Link through erp for smooth production, lower error ratio and early lead time.
- Erda approved ip55 protection class cubicle panels against dust ingress and water.
- Panel will be fabricated out of crca sheet of size ranging from 1.6mm to 3mm at various sections
- For pre-treatment/painting, adopt seven tank process, where all sheet metal parts are subjected to degreasing, derusting, acid pickling and phosphating before applying coat of primer. Finally, the panel is to be painted with two coat of synthetic enamel light grey paint shed of ral 7035 or ral 7032.
- Control wiring will be done by isi marked flexible pvc copper cable and it will be properly lugged by cu lugs and ferruled by white sleeve at both the end of cable.
- Provided panel is stringently checked by our qc engineer before final delivery.
- Delivering right solution in time at affordable price.

PCC PANEL

Safe, Reliable & Efficient Power Distribution.



Power control center (PCC) panels are used to distribute and control electrical power in a variety of industrial and commercial settings. They typically consist of a series of circuit breakers, switches, and other components that are housed in a single enclosure. PCC panels are designed to provide a safe and reliable way to manage electrical power, and they can be customized to meet the specific needs of each application.

- Our PCC panels are a testament to engineering perfection. They are meticulously designed to provide seamless power distribution, ensuring the uninterrupted operation of your systems.

FEATURE

- various control and protection devices, such as relays, meters, and power factor correction equipment.
- COMPARTMENTALIZED PANEL WITH CURRENT CAPACITY UP TO 6300A
- designed to distribute and control electrical power efficiently, which can help to reduce energy costs.
- equipped with a variety of metering and monitoring devices to provide real-time information on power consumption, voltage, current, and other parameters.

APPLICATIONS

- Industrial facilities
- Commercial buildings
- Power plants
- Oil and gas facilities
- Mining operations
- Data centers
- Healthcare facilities
- Transportation facilities

TECHNICAL SPECIFICATION

Current rating	100 A to 6300 A (depending on the size of the panel)
FREQUENCY	50 / 60HZ
NUMBER OF FEEDER	(DEPENDING ON REQUIREMENT)
FEEDER TYPE	Incoming feeders, outgoing feeders, bus ties
PROTECTION FEATURE	Short Circuit Protection, Overvoltage Protection, Undervoltage Protection, Ground Fault Protection (Optional)
ENCLOUSER TYPE	STANDARD / COMPARTMENTAL
IP RATING	IP 54 (STANDARD) / IP65 (OPTIONAL)

MCC Panel

The heart of your electrical system.



A motor control center (MCC) is an assembly to control some or all electric motors in a central location. It consists of multiple enclosed sections having a common power bus and with each section containing a motor starter, which in turn consists of a circuit breaker, motor starter, and power disconnect. MCC are also fitted with VFD's, PLC's, metering etc. as required

Autologic Controls is Known as Best Quality Supplier and Exporter of Mcc control Panel. We don't compromise anything below perfection. We design and motor control center panel that have the capacity to feed larger loads, are designed as per client's specifications, and comply with international standards.

MCC panels are used in a wide variety of industrial and commercial applications, such as manufacturing plants, water treatment facilities, and HVAC systems

APPLICATIONS

- Manufacturing Plants
- Petrochemical & Oil Refineries
- Water Treatment Plant
- Hvac System
- Mining Operation
- Food & Beverage

TECHNICAL SPECIFICATION

RATED VOLTAGE	400 V AC, 3-Phase
CURRENT RATING	100 A to 1000 A (depending on the size of the panel)
FREQUENCY	50 / 60Hz
NUMBER OF STARTER	(DEPENDING ON REQUIREMENT)
STARTER TYPE	Star-Delta Starters, Direct-on-line Starters, Soft Starters, Variable Frequency Drives
PROTECTION FEATURE	Motor Overload Protection, Short Circuit Protection, Overvoltage Protection, Undervoltage Protection, Phase Reversal Protection, Ground Fault Protection (Optional)
ENCLOUSER TYPE	STANDARD / COMPARTMENTAL
IP RATING	IP 54 (STANDARD) / IP65 (OPTIONAL)

APFC PANEL

The smart way to save energy and money.



APFC panels work by connecting and disconnecting capacitor banks to the electrical system as needed. Capacitors store electrical energy and can be used to supply reactive power, which is the type of power that is consumed by inductive loads, such as motors and transformers. By supplying reactive power from capacitors, APFC panels can improve the overall power factor of the electrical system.

APFC panels are an essential part of any modern electrical system. They can help to reduce electricity costs, improve efficiency, and extend the lifespan of equipment.

APPLICATIONS

- Industrial facilities
- Commercial buildings
- Schools and universities
- Data centers
- Hospitals
- Hotels
- Other facilities with large inductive loads

TECHNICAL SPECIFICATION

Rated OPERATION Voltage	410/415/440V
Frequency	50 / 60HZ
Rated Current	100A TO 3000A
Power Factor Range	50 -2000KVAR
Capacitor Type	RESIN FILLED / GAS FILLED
Number of Capacitor Stages	1 TO 16 stages
DISTRIBUTION	AS PER CUSTOMER REQUIREMENT
Protection Features	OVERVOLTAGE / UNDERVOLTAGE / SHORTCIRCUIT
Enclosure TYPE	STANDARD / COMPARTMENTAL
IP Rating	IP 52/ IP65/ IP67

PDB PANEL



PDB panels are typically found in buildings and facilities of all sizes, from small homes to large factories. They are an essential part of any electrical system.

TECHNICAL SPECIFICATION

RATED voltage	400 V AC, 3-phase
Current rating	100 A to 1000 A (depending on the size of the panel)
FREQUENCY	50 / 60HZ
RATED CURRENT	100A TO 1000A (DEPENDING ON REQUIREMENT)
DISTRIBUTION	AS PER CUSTOMER REQUIREMENT
PROTECTION FEATURE	MCB, MCCB ,FUSE (DEPENDING ON REQUIRED APPLICATION)
ENCLOUSER TYPE	STANDARD / COMPARTMENTAL
IP RATING	IP 54 (STANDARD) / IP65 (OPTIONAL)

LIGHTENING DISTRIBUTION BOARD

Lighting the Way Safely and Efficiently

A lightning distribution board (LDB) is a type of electrical panel that is used to distribute electrical power to lighting and other loads in a building, while also providing protection against lightning strikes and other electrical surges.

TECHNICAL SPECIFICATION

RATED voltage	400 V AC, 3-phase
FREQUENCY	50 / 60HZ
RATED CURRENT	100A TO 1000A (DEPENDING ON REQUIREMENT)
NUMBER OF PLOE	1P / 2P/ 3P / 4P
DISTRIBUTION	AS PER CUSTOMER REQUIREMENT
PROTECTION FEATURE	MCB, MCCB ,FUSE (DEPENDING ON REQUIRED APPLICATION)
ENCLOUSER TYPE	STANDARD / COMPARTMENTAL
IP RATING	IP 54 (STANDARD) / IP65 (OPTIONAL)



AUTO CHANGEOVER PANEL



TECHNICAL SPECIFICATION

RATED voltage	415 V AC, 3-phase
FREQUENCY	50 / 60Hz
BUSBAR MATERIAL	ALUMINIUM / COPPER
RATED CURRENT	(DEPENDING ON REQUIREMENT)
PROTECTION FEATURE	Overvoltage, Undervoltage, Overload, Short Circuit, Phase Reversal (Standard), Other Protection Features Available (Optional)
TRANSFER TIME	< 10 Seconds (Standard), Faster Transfer Time Available (Optional)
ENCLOUSER TYPE	STANDARD / COMPARTMENTAL
IP RATING	IP 54 (STANDARD) / IP65 (OPTIONAL)

FEEDER PILLAR

TECHNICAL SPECIFICATION

RATED voltage	415 V AC, 3-phase
FREQUENCY	50 / 60HZ
BUSBAR MATERIAL	ALUMINIUM / COPPER
RATED CURRENT	(DEPENDING ON REQUIREMENT)
PROTECTION FEATURE	Overvoltage, undervoltage, overload, short circuit, phase reversal (standard), other protection features available (optional)
METERING	OPTIONAL
ENCLOUSER TYPE	STANDARD / COMPARTMENTAL
CONSTRUCTION	Durable materials that can withstand the outdoor environment
IP RATING	IP 54 (STANDARD) / IP65 (OPTIONAL)



VFD AND SOFT STARTER CONTROL PANEL



VFDs and soft starters are both used to reduce the inrush current and torque associated with motor startup, which can help to extend the life of the motor and reduce maintenance costs

TECHNICAL SPECIFICATION

RATED voltage	415 V AC, 3-phase, 50/60 Hz
RATED CURRENT	(DEPENDING ON REQUIREMENT)
MAKE	SCHNIDER / SIEMENCE/ DANFOSS/ L&T/ DELTA / ABB
PROTECTION FEATURE	MCB, MCCB ,FUSE (DEPENDING ON REQUIRED APPLICATION)
ENCLOUSER TYPE	STANDARD / COMPARTMENTAL
IP RATING	IP 54 (STANDARD) / IP65 (OPTIONAL)

FIRE HYDRANT CONTROL PANEL



Our Fire Hydrant Pump Control Panels are meticulously engineered to optimize the performance of fire hydrant and sprinkler systems, enabling Quick and efficient response in the event of a fire emergency. We understand the critical role these systems play in protecting lives and assets, and our panels are designed to meet and exceed your expectations.

TECHNICAL SPECIFICATION

RATED voltage	415 V AC, 3-phase, 50 / 60 Hz
RATED CURRENT	(DEPENDING ON REQUIREMENT)
NUMBER OF HYDRANT	1 TO 8 (DEPENDING ON REQUIREMENT)
CONTROL SYSTEM	Manual, automatic, or both (depending on the requirements of the application)
PROTECTION FEATURE	Overvoltage, undervoltage, overload, short circuit, phase reversal (standard)
ENCLOUSER TYPE	STANDARD / COMPARTMENTAL
IP RATING	IP 54 (STANDARD) / IP65 (OPTIONAL)

PLC CONTROL PANEL

PLC Control Panels
Precision, Efficiency, Control





"Step into the future of automation with our cutting-edge PLC Control Panels. Our PLC Control Panels are the heartbeat of countless industrial processes, providing the accuracy and reliability you demand. Safety is our top priority, with advanced features to protect your assets and personnel. Every panel we produce adheres to rigorous industry standards, guaranteeing not only performance but also safety and reliability. Your path to precision and control starts here – choose Autologic Controls for excellence in every connection."

APPLICATIONS

- Pharmaceutical Industry
- Textile Industries
- Ceramic Industries
- Plastic Machine Industries
- Food Processing Industries
- Boiler Automation
- Oil And Gas
- Water And Waste Water

TECHNICAL SPECIFICATION

Number of I/O points	The number of input and output signals that the PLC can handle.
Scan time	The amount of time it takes the PLC to read all of its inputs, execute its program, and update all of its outputs.
Memory	The amount of memory that the PLC has for storing its program and data.
Communication ports	The type and number of communication ports that the PLC has for connecting to other devices.
Environmental ratings	The PLC's ability to withstand extreme temperatures, humidity, vibration, and other environmental hazards.
Power supply	The type and voltage of the PLC's power supply.
Programming software	The type of programming software that is used to program the PLC.
Expansion capabilities	The PLC's ability to be expanded with additional I/O modules, communication modules, and other devices.

DRIVES AND AUTOMATION



In the realm of industrial automation, precision control is the cornerstone of efficiency and productivity. Our exceptional range of variable-frequency drives (VFDs) and automation products empowers you to achieve unparalleled control over your industrial processes, elevating your operations to new heights of performance and excellence.

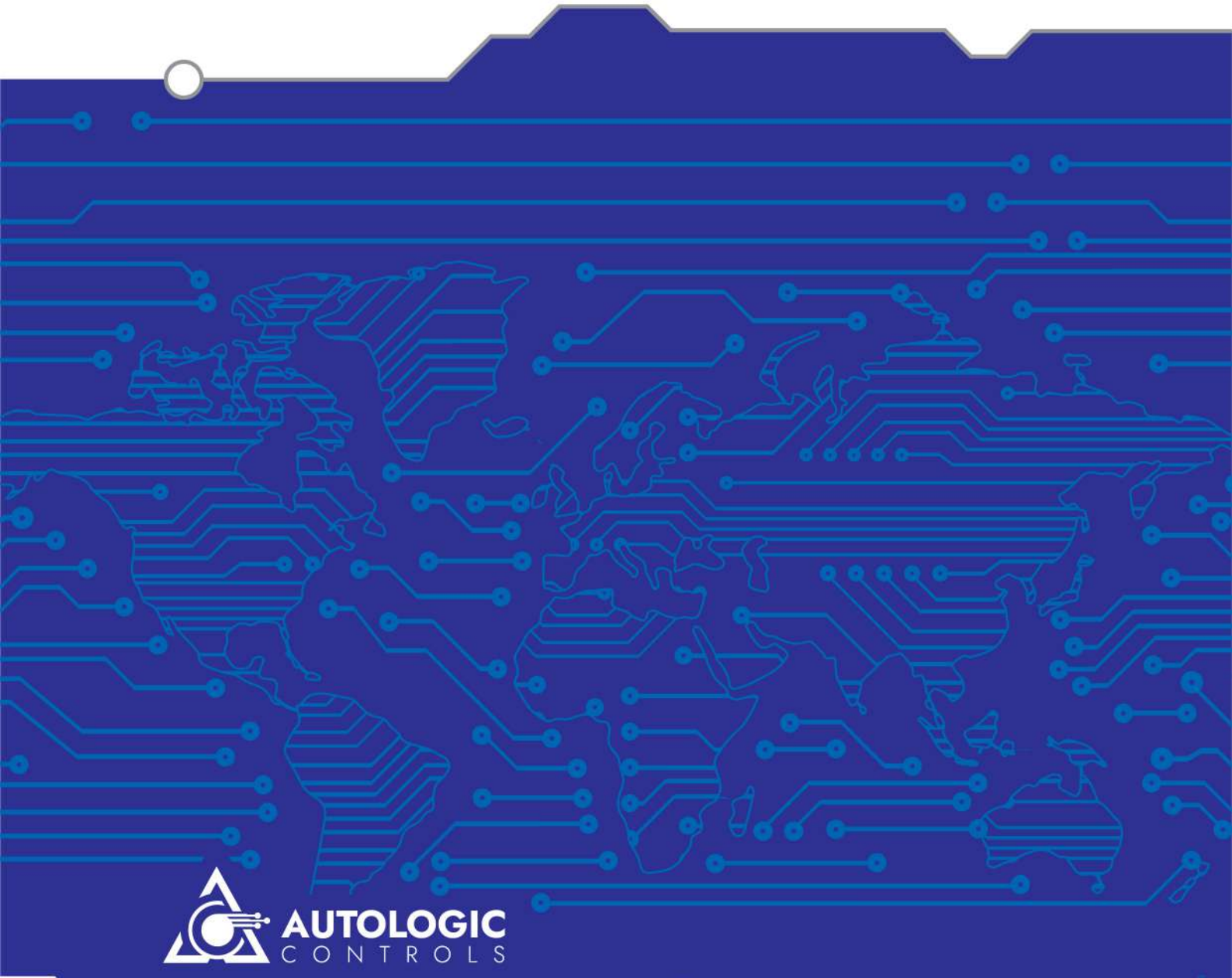
OUR VALUABLE CLIENT

thyssenkrupp

Piramal Glass

SAIMONA COMPRESSOR LTD.
(Formerly known as Saimona Air Mech Pvt. Ltd.)
Next Gen Power Saver Technology

SIEMENS



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