



PRECISE

AUTOMATION & CONTROL (P) LTD.



SWITCH ON
THE POSSIBILITIES

TOTAL SOLUTIONS IN INDUSTRIAL AUTOMATION
& ELECTRICAL SYSTEMS

CHANNEL PARTNER OF



SWITCH ON

THE FUTURE

At Precise Automation & Control, we believe commitment and passion hold the key to a better future. Adhering to this maxim, we are in pursuit of manufacturing some of the best and technically Advanced Electrical Power Control Panels & Automation Systems. Quality, reliability and efficiency are the hallmarks of our products. By integrating our expansive expertise and experience in the industry, Precise Automation & Control is all poised to switch on the possibilities for industries and 'Energize India's growth'.

OUR SALIENT FEATURES

- ▶ Established in 1999, Precise Automation & Control is a Group Company of reputed Precise Process Control.
- ▶ We are a professionally managed company offering comprehensive solutions for Industrial Automation Systems and Electrical Systems.
- ▶ We are System Integrator of ABB for DCS, PLC and SCADA, AC / DC Drives, Switchgear, Motors, & Instrumentation Products.
- ▶ Authorized as Level Three Certified Drive Division Channel Partner and Gold Channel Partner for Control Automation Products of ABB.
- ▶ In the year 2006 & 2007, we were awarded by ABB as their No.1 Channel Partner all over India.

WHY PRECISE AUTOMATION & CONTROL?

- ▶ We offer both draw-out and non draw-out panels.
- ▶ Fully sectionalized, flexible, welded & bolted design to meet all specified requirements.
- ▶ We manufacture stainless steel panels also.
- ▶ Panel type tested at ERDA & CPRI for Type Test - IP 54, 55, 35 kA, 50 kA for non-compartmentalized / compartmentalized panels.
- ▶ Drawings, documentation and application development certified by ABB.
- ▶ Well-trained engineers available to attend service calls for 24x7.
- ▶ Training, R&D & software development facility.



DCS



Drives



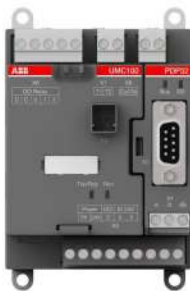
Servo Drives & Motors



PLC



UMC



Switchgears & Motors



INDUSTRIAL AUTOMATION

- ▶ Design, Manufacturing and Supply of DCS & PLC Panels, maximum I/O handled 24000.
- ▶ Design of Automation System for Plant and Machinery.
- ▶ Automation of Power Plants, Sugar Plants, Cement Plants, Ethanol and Glass Plants.
- ▶ Supply of PLC, DCS, Drives and related hardware.
- ▶ Design, Manufacturing and Supply of all kinds of PLC based Control Panels for Machines.
- ▶ Software for PLC's, DCS and Man Machine Interface.
- ▶ SCADA Systems, Data Management Software and MIS for production related activities.
- ▶ Machine Tools Application using Servo Motors & Drives.
- ▶ Automatic Weighing and Batching Plants.
- ▶ Automation Solutions for Glass and Ceramic Industries.
- ▶ Solutions for Subtractions Automation and Relaying.
- ▶ Solution for Water, Industrial Effluent treatment.

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WHAT'S NEXT

LT & HT Panels

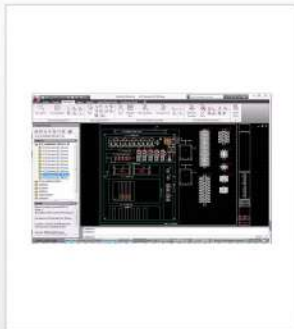


ELECTRICAL SYSTEMS & PRODUCTS

Design, Manufacturing, Supply of all kinds of

- ▶ Electrical LT & HT Panels such as PCC, PDB, MLDP, ACDB, DCDB, etc.
- ▶ Electrical Motor Control Panels such as intelligent MCC & PMCC etc.
- ▶ Electrical Control Panels such as Furnace Control, Chiller Control, Damper Control, etc.
- ▶ AC/DC Drive Panels with & without Bypass, maximum kW rating supplied is 1200kW.
- ▶ Specialized Panels such as AMF Panels, Auto Changeover Panels, APFC Panels, Draw-out type Intelligent Panels.
- ▶ DG & Grid Synchronizing Panels, Auto & Manual Synchronizing Panels and Relay Control Panels.
- ▶ Installation, Commissioning and Servicing for all type of Electrical Installations and Equipment.
- ▶ Energy Audits.

IN POWER DISTRIBUTION.



VERTICALLY INTEGRATED MANUFACTURING

With an integrated approach towards manufacturing process, Precise Automation & Control boasts complete in-house facilities for electrical engineering on EPLAN & AutoCAD, well-equipped shop for fabrication, 7 tank process surface treatment with shot blasting, powder coating, assembly with pneumatic tooling, QC & testing facilities. This ascertains precise control over quality and delivery within stipulated and short time.

Advanced Techniques & Machinery

- ▶ Pretreatment process (seven tanks) for anti-corrosive treatment.
- ▶ Switchgears sourced from reputed and leading manufacturers.
- ▶ Testing facilities and stringent quality control.
- ▶ Adeptness of new technology.
- ▶ Modern manufacturing methods.
- ▶ Advanced engineering softwares like EPLAN & AutoCAD.
- ▶ Assembly with pneumatic tools.
- ▶ Understanding and delivering products matching intrinsic customer needs.
- ▶ Comprehensive documentation and drawing of panels.
- ▶ Design and manufacturing as per our type tested panel at ERDA & CPRI.

Engineering Facilities

- ▶ Being GOLD certified Channel Partner of ABB Process Automation division and handling DCS based application, we need to adhere to ABB standard engineering practices and documentation.
- ▶ All the drawing, documentation and application development are certified by ABB at various stages.
- ▶ The manpower based at our engineering and software development centre at Vadodara are trained by ABB at ABB, Bangalore to handle large size applications.

OUR STRENGTHS

- ▶ Our engineers have hands on experience on almost all ABB Products.
- ▶ Experience on DCS xA system , Compact HMI System, DigiVis, SCADA Systems, Codesys Programming for PLC, ABB HMI's.
- ▶ Drive installation & commissioning on site.

MAINTENANCE SUPPORT

- ▶ In-house designing of panels & manufacturing.
- ▶ We maintain stocks of DCS, PLC, I/O Modules, Drives, Switchgears, Motors, all kind of interface devices, cables and connections at our Vadodara works and are available on request at the shortest time to minimize down time.





INDUSTRIES SERVED

- ▶ Textiles
- ▶ Pharmaceuticals
- ▶ Chemical Process Plants
- ▶ Fertilizer
- ▶ Power Plant & Utilities
- ▶ Pulp & Paper
- ▶ Cements
- ▶ Sugar Industries
- ▶ Steel Industries
- ▶ Pumping Stations
- ▶ Foundry
- ▶ Plastics
- ▶ Effluent Treatment Plants
- ▶ Glass & Ceramics
- ▶ Rubber & Tyre Industries
- ▶ FECs

PRESTIGIOUS CLIENTS



Registered Office & Works:

284/11, GIDC Estate, Makarpura, Vadodara - 390010, Gujarat, INDIA

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