

Redefining Quality !



Control Desks



VFD/ PLC Panels



Containerized Panels



APFC / PCC Panels



CPRI



Akshar Electric Panel Boards

❖ Introduction

We would like to introduce ourselves as a division of AKSHAR GROUP OF COMPANIES who are associated with the field of electricity since the past 30 years !

AKSHAR is a multi faceted group involved with the total turn key electrification solutions right from design, manufacturing, SITC projects. We have been associated with installations right up to 765 KV.

We are associated with all the large Indian and multi national Corporates like ABB, L&T, RELIANCE, TATA, ITC, ADITYA BIRLA GROUP, EURO GROUP, WELSPUN, VEDANTA GROUP, G.E, GENERAL MOTORS, ADANI GROUP, INOX GROUP, LUBRIZOL GROUP, TBEA, SIEMENS, MITSUBISHI and many more!

In 2007 we have diversified and established ourselves as a reputed manufacturer of Electrical, Electronics Control & Power Panels serving various industries across the board.

We are having all relevant approvals like 65/50KA Short Circuit CPRI, Bhopal & IP – 66 from ERDA and are also carrying out export of our panels to various countries.



❖ Areas of Business

- Design, Manufacturing, Supply of all kinds of Draw out & Non-Draw out type Electrical Distribution Panels like PCC, ACDB, DCDB, MLTP.
- Design, Manufacturing, Supply of all kinds of Draw out & Non-Draw out type Electrical Motor Control Panels like MCC, PMCC.
- Specialise in SS-316 Panels with special 3000 salt spray hour paint and IP-66 ingress Protection Class
- Design, Manufacturing, Supply of all kinds of Electrical Control Panels for Compressor, Plastic M/c, Printing M/c, Dryer & Burner, Chillers & Damper, Furnace.



- Design, Manufacturing, Supply of Special Panels like Change Over Panels, APFC Panels.
- Design, Manufacturing, Supply of all kinds of D.G. Set Panels like AMF Panel, Auto Synchronization & Load Sharing Panels.
- Design, Manufacturing, Supply of Relay Control Panels & Instrument Panels.
- Manufacturer of Containerised Panels & Compact Sub-Station.
- AEPB introduces E-House which is designed to equip HT Panel, LT Panel, UPS, Automation Panel, VFD Panel within the E-HOUSE & also have proper illumination systems, Fire Protection systems and all these in a ready to install type construction !!
- Design of Automation Systems for Plant & Machinery.

❖ Hazardous Area Panels

Hazardous area panels are used in hazardous area normally encountered in refineries, petrochemicals and chemical industries. All type of panels used in such area are manufactured by us. The panels are classified as.

- Ex-d, Flame proof Control Panels
- Ex-p, Purge (Pressurized) Control Panel
- Ex-i, Intrinsically Safe Control Panel



❖ Instrumentation Panels

The panels are used in process plants for plant automation purpose. All types of panels like control room panels, mimic panels, annunciation panels and DCS consoles are manufactured by us. We design, select and supply complete instrumentation required for such Instrumentation panels with instruments like indicators, controllers, recorders, annunciators and many process instruments. We also supply DCS consoles for process industries.

❖ Electrical Panels

The electrical panels are used to supply power to electrical motors and equipment's. Our manufacturing includes:

Power and Lighting Distribution Boards : Lighting panels for distribution of power for lighting equipment from one or more incomers.

Motor Control Center [MCC]: Non draw-out type MCC's up to 6000 amps, 500 volts, certified for IP-55 and 65/50KA short circuit test for 1 minute at CPRI, Bhopal.

Power Control Center [PCC]: PCC's up to 6000 amps, 500 volts AC are suitable for one incomer to four incomers for synchronized and isolated runs.

Power Factor Improvement Panel: Automatic power improvement panels with PLC and APFC relay system to maintain power factor and reduce electricity bill. We also manufacture RTPFC (Real Time Power Factor Correction Panel) with Harmonic Filter / Reactor.

Starter Panels: Auto star-delta, DOL, autotransformer, DC motor starter and reduced voltage transformer starter panels.

SS-316 Panels for application and outdoor applications.



❖ Solar / Renewable Power Panels

AC Combiner Boxes

DC Combiner Boxes

Special outdoor Panel with Bus Ducts



LIST OF IMPORTANT CUSTOMERS



xylem

Lubrizol

KOHLER

adani
Power



SIEMENS



LARSEN & TOUBRO



Unit - 1 : 285-GIDC Manjusar, Tal. Savli, Dist. Vadodara-391775.
(Fabrication & Powder Coating Unit)

Unit - 2 : 310-GIDC Manjusar, Tal. Savli, Dist. Vadodara-391775.
(Assembly Unit & Design Centre)

Unit - 3 : 311/312/323 & 324-GIDC Manjusar, Tal. Savli,
Dist. Vadodara-391775.
(E-House, CSS & Containerised Panel Unit)

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