

**EASY SOLUTION IN  
AUTOMATION  
UNDER ONE ROOF**

We are Manufacturer  
of All Types of  
Electrical Control Panels

**DRIVES &  
AUTOMATION**



**KB KAR BROTHERS ELECTRIC**

EASY SOLUTION IN AUTOMATION UNDER ONE ROOF

# KAR BROTHERS ELECTRIC

P-6 GARFA EAST END ROW, KOLKATA

Easy Solution for Energy Savings  
and Customized solution -  
Under One Roof



## ABOUT US

Throughout the 20 years since our founding Kar Brothers Electric has innovated energy technology to make broad contributions to the world in the fields of Industrial & social infrastructure. Kar Brothers Electric is managed by valued, dedicated team of energetic and prompt technocrats.

Now through the unprecedented population growth and rapid modernization of industrialization our Planet is facing energy and industrial issues. Building on our technology and experience, Kar Brothers Electric aims to pursue innovation in technology for electrical, electronics, and mechanical energy, and to continue creating high value added,

Environmentally friendly products that use less energy with maximum efficiency. We also have good experienced team to handle overseas jobs.

The people of Kar Brothers Electric are committed to handle every job with utmost care. We are continuously trying to understand the industrial problems and providing rapid solution. We believe that you will find Kar Brothers Electric to high expectations in the future.

### COMPANIES WE ARE ASSOCIATED WITH

<b>FUJI ELECTRIC</b>	- Drives & Servo Voltage Controller
<b>BCH ELECTRIC PVT. LTD.</b>	- Switchgears
<b>ROTOMOTIVE</b>	- Gear Boxes
<b>MOTOVARIO</b>	- Gear Boxes
<b>BHARAT BIJLEE</b>	- Electric Motor
<b>FS-CURTIS</b>	- Air Compressor

### ASSEMBLY FACILITIES

- Customized Electrical Control Panels
- Brake Motors
- Geared motors
- Conveyors
- S.S. piping
- Fabrication Shop with modernized welding and allied machines .



## OUR CERTIFICATION



## QUALITY CERTIFICATIONS

### In-House Quality Testing

All our electrical automation products are manufactured with efficient quality checks. The organization's motto is to offer best quality and cost effective solution to our clients. Quality is one of the main trust full pillar at Kar Brothers Electric . In house testing of panels are done by qualified & experienced Engineers by modern test facilities available in house. Various quality checks are done at every stage manufacturing to avoid any discrepancy or mistake. After final assembly & wiring, routine test & in house performance tests are carried out to check the Physical & Working performance of panel as per the Drawing.

### Client Satisfaction

We offer quality products as well as highly reliable and efficient service to deliver maximum client satisfaction. Our customized range meets all the guidelines and fit within the budget of our clients. We have successfully catered to our large client base with our energy optimization and energy saving service. We strongly believe that client satisfaction is of paramount importance in today's highly competitive market. Thus, along with our highly proficient and talented team of professionals we strive to delivery maximum client satisfaction.

## VISION

Continuously improving a our organization control panels manufacturing capability, work as per market requirements and customer's need and to achieve customer's trust with highest quality of services.

## PRODUCTS IN BRIEF

- Power Distribution Boards
- Intelligent Power Factor Control Panel
- SCADA Panels
- AMF Panels
- Power Control Center (PCC)
- Motrol Control Centre (MCC)
- Control Desk Panel
- AC Drives Panel
- HT Panels
- LT Panels
- Outdoor Panel
- Sub Distributions Panel
- Compact Substation



## POWER DISTRIBUTION PANEL (PDP)

Our Power Distribution Panels are using in application like power distribution, ground-fault protection and monitoring, apart from this Distribution Panel also serves as alarm panel for freeze protection, board temperature-maintenance and heat-tracing applications. These Power Distribution Panels are intergrated with ground-fault circuit breakers in an enclosure having assembled circuit-breaker panel board with or without alarms contacts.

## Intelligent Power Factor Control Panel

An Automatic Power Factor Correction (Controller) panel know as APFC Panel is used to save energy by consistently maintaining higher power factor. Low Power Factor leads to poor power efficiency, thereby increasing the apparent power drawn from the distribution network. This result is overloading of distribution device within the industry. Our APFC panels are a modern powerful system constituting a technology breakthrough in the field of Power Factor Control. Our Automatic Power Factor Correction Panel is ready to connect, for the central compensation of reactive power in three-phase supply systems for steel Rolling Plants, Engg. Industries and Commercial Building etc.

## Motor Control Center (MCC) Panel

A Motor Control Center (MCC) is an assembly of one or more enclosed sections having a common power bus and principally containing motor control units. Motor control centers are in modern practice a factory assembly of several motor starter. A motor control center can include variable frequency drives, programmable controller, and metering and may also to be electrical service entrance for the building.

Motor Control Center have been used by the automobile manufacturing industry which used large number of electric motor. Today they are used in many industrial and commercial applications. Where very dusty or corrosive processes are used, the motor control center may be installed in a separate air-conditioned room, but often and MCC will be on the factory floor adjacent to the machinery controlled.



## Distribution Transformer

Capacity:  
25 KVA to 5000KVA



## Automatic Servo Voltage Controller

Capacity:  
30 KVA to  
4000KVA



## Compact Substation

It comprises of factory built sheet metal enclosure housing MV Switchgear, Transformer, LT Switchgear, Power Factor Correction System, and other site specific requirement.

### Advantage

- Compact, Safety and Aesthetically superior.
- Reduced Electrical losses as USS can be provided near the Load Center.
- A High degree of safety and operational reliability .
- Civil/Foundation Cost.

### Uses

- Residential Complexes.
- Power Utilities.
- Hotels.
- Shopping Malls.
- Software Parks Airports, Construction sites
- Multiplexes.
- Hospitals.



## Earthing Solution



## Supplier of MESH CABLE TRAY AND LADDER CABLE TRAY



Manufacture of  
High Quality  
**PACKAGING  
MACHINE**



**FFS Pouch  
Packaging Machine**



**Belt Driven  
Machine**



**Liquid Filling Pouch  
Packaging Machine**

Authorised Dealer for:



**A Series  
Reciprocating Air Compressors**



**SEG SERIES  
SEM SERIES  
SEM (V) SERIES**

**ROTARY SCREW AIR COMPRESSORS  
5-100 HP**



Authorised Dealer for:



Mid Heavy Duty Gearbox



Reducer & Geared Reducer



Worm Gear Motor & Gear Reducer



Electric Motor



BCH  
ELECTRIC  
LIMITED



Preferred Power Partner for  
Power Backup & Power Conditioning



## Industry We Serve In:



Rice Industry



Food & Beverages



Tea Industry



Seed Industry



Jute & Textile



Pharma Industry



PVC Pipe  
Extruder Plant



Aluminum Extrusion  
Plant



Paper Industry



Printing Press



Water Treatment Plant



Cement Industry

## Our Pretigious Clientele

- AdityaBirla Groups –D.D.
- Ajanta & Banik
- Birla Corporation Ltd. – C.P.
- Brand Alloys Ltd. - C.P
- Bhagwan Stone Works Pvt. Ltd.
- B.K.Agro Oil Pvt. Ltd.
- Creative PolpackPvt. Ltd.
- Dhansiri Nutrients LLP
- Dumka Foods Pvt. Ltd.
- Excellence Rice Mill
- Haldia Steel-C.P.
- KalpenalndutriesPvt. Ltd.
- Megaprojects Pvt. Ltd.
- Nanotechnologies Pvt. Ltd.
- Sonic Thermal Pvt. Ltd.
- SR International .
- Surya NarayanAgro – 5TPH – Burdwan
- Tata Steel (Via ingwenyaMineral)  
C.P. & G.B.
- Imperial Plast Pvt. Ltd.
- Usha Martin Ltd.- D.D.
- Aradmoyee Rice Mill – C.P. & E.M.
- Bidhata Agro - 8TPH Plant - Malda
- Ever Green Rice Mill - 8TPH – Siliguri
- Indromoni Rice Mill - 6TPH - New Jalpaiguri
- Kalpataruri Rice Mill – 4TPH -Burdwan
- L.R.Ricemill Pvt. Ltd.
- Mahamaya Rice Mill
- S.R. Auto Rice Mill – 6TPH
- SarvaShiva Rice Mill - 6TPH
- Vagawati Paper Mill - C.P.
- Everest Paper Mills Ltd. C.P.
- Supreme Paper Mill.
- Unitech Paperboard C.P.
- UtkarshTubes & Pipes Ltd. - O.P
- Torsa Machinerries Pvt. Ltd .
- Shyam Ferro alloys Ltd.
- Sree Ramdoot Ferro Pvt. Ltd.
- SM Consumer Pvt. Lt.d
- SukritAgro pvt. Ltd.

### CITY OFF OFFICE:

P/6, Garfa East End Row,  
Kolkata – 700078 (Near SD-4 Bus stand,  
Opp: Sushila Pharmacy )  
Tele Fax : (033) 2418 2339,  
Mobile: +91 99030 88483  
E-mail: kar\_bros\_electric@yahoo.com

### BRANCH OFFICE:

Vill – Tejganj (Mohan Bag), P.O.- Nutan Ganj,  
Dist.- Burdwan

### 2nd BRANCH OFFICE:

Assam Forest School to Shice Gate Path  
Pin - 781012 (Assam)  
Mobile: +91 99030 88483

### Customer Support:

90070 07785 / 90070 07781

### OUR NEW BRANCH OFFICE:

Garia, Raigunj, Jharkhand