



# Elite Industrial Engineers

**Automation & Innovation Together**

**Elite Industrial Engineers** is proud to introduce itself as a Sales & Service provider of **Industrial Automation Systems, Energy Conservation & Saving, Utility Products, Panel Accessories, Machine Automation, Instruments, Panel Box etc.**

Our company is dedicatedly serving the industry as a *service provider*, rendering reliable solutions for **Industrial Automation Solutions, Electrical Consultancy Services, Electrical Panel Designing Services, Electrical/Electronic Repairing Services, Solar System, Energy Management Services** and **Industrial Machine Design Services**. These are rendered by experienced professionals, holding detailed knowledge & rich experience of their respective fields. Giving high attention towards customers and their satisfaction level, we are carving a special niche for ourselves in the today's challenging competition. Each member of our team maintains friendly relations with the clients and strives to provide best products & services to them. Moreover, our R&D team supports in easily solving all the queries & technical issues of industry by conducting surveys and extensive researches on several domain aspects.

## Industrial Automation Solutions

Industrial Automation is the Basic necessity of any industry. Automation make the process easy and well controlled with the use of PLC's, HMI's, SCADA, AC Motor Drives, Servo Motor & Drives, Controllers, Transducers, Sensors etc..

We are providing services with DELTA Programmable Controllers and AC Drives and various Type of Controllers & Sensors.

## Industries we serve:





## Delta VFD MS300

Compact and Intelligent  
Side by Side Installation  
Inbuilt PLC

0.5 HP to 30 HP  
Economic,  
100 % PCB Coating

1 HP to 600 HP  
Vector Control Drive  
Built in DC Reactor  
Coated Circuit Boards

## Delta VFD C2000

50° C Ambient Temp  
Built-in EMC Filter  
Heavy Duty/Normal Duty  
Built in PLC



## Delta VFD "E" Series

5 HP to 30 HP  
Sensorless Vector Control  
Compact Design  
In Built PLC, Multi Functional  
Complete Protection Functions

Built-in EMC Filter  
Removable Keypad

## Delta VFD "ME" Series

0.5 HP to 10 HP  
Economic series  
Multi Application  
Easy Installation

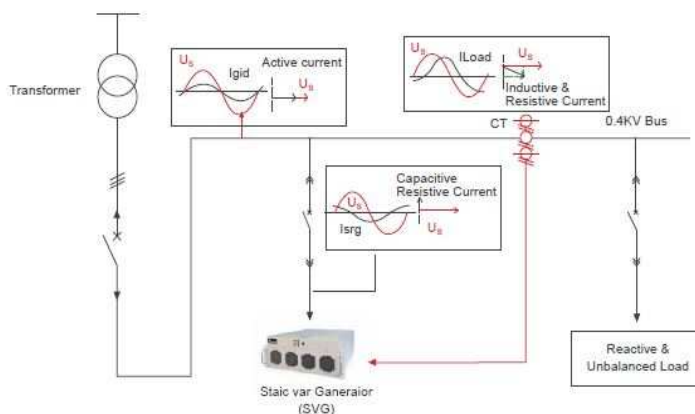
Conformal Coating  
Standard AC Drive  
Compact Design



## SVG (STATIC VAR GENERATOR)

Active Power Filter  
Suitable for Inductive & capacitive Load  
Phase Angle Correction  
Correcting Load Imbalance  
Unique Power Factor

SVG Operating Mode	Waveform and Vector	Remark
No Load Mode	<p>(a) <math>U_1 = U_2</math></p>	$U_1 = U_2$ , $I_{svg} = 0$ , SVG outputs no reactive current.
Capacitive Mode	<p>(b) <math>U_1 &gt; U_2</math></p>	$U_1 > U_2$ , $I_{svg}$ is leading the voltage, and its amplitude is continuously adjustable.
Inductive Mode	<p>(c) <math>U_1 &lt; U_2</math></p>	$U_1 < U_2$ , $I_{svg}$ is lagging the voltage, and its amplitude is continuously adjustable.





## Temperature Controllers

High Accuracy, Economic

DTA, DTB, DTK Series

Sizes : 48\*48, 48\*96, 96\*96

Options: PID, ON-OFF, Heat– cool, RS-485

Sensors : J, K, NiCh, PT100, 4-20 mA etc.



## PLC (Programmable Logical Controller)

Delta, Omron, INVT and Fuji Make PLC

For All Textile Applications

Installation & Programming Facility

## Human Machine Interface

Delta HMI & INVT HMI

DOP 100 Series HMI

With RS 232, RS 485 & Ethernet

For All Type of Applications

Installation & Programming Facility

Colored Touch Screen

4.3 “ to 21”



## Power Supply(SMPS)

Power Supply 5V, 12V, 24V,48V

Heavy Duty ; Long Life

DIN Rail Mounted

Panel Mounted

Wide Range Up to 60 Amps

Single Phase & 3 Phase

DELTA, MEANWELL

MULTISPAN, KELTRONIK





## Encoders

Delta , OMRON, AUTONICS

Rotary Encoders

PNP, NPN, Totem Pole, Absolute

Shaft Dia 6mm - 12 mm

From 100 PPR to 5000 PPR

## Servo Drives & Motors

Delta A2, B2 , A3, B3, B2L

100 Watts to 20 KW

For All Textile Applications

Installation & Programming Facility

High Speed, Precise and Compact



**Authorised Channel Partner**

**Elite Industrial Engineers, Panipat**





## AC Motor Drive GD10

Micro VFD Mini Drive

Economic, Power Full

Detachable Keypad, Brake unit



## SOLAR AC Motor Drive

Ideal for Solar Pumps

Application : Agriculture, Flour Mill, Oil Mill  
Pumps, Fan , Poultry farms etc.



## GD200A AC Motor Drive

General Purpose AC Motor Drive

V/F Control, DC Braking, PID

Braking Unit, Modbus, Powerful

Good Ventilation Air Duct.

Conformal Coating.



## GD350A AC Motor Drive

High Performance Multifunctional Drive

High Efficient Motor Control

LCD Keypad, PM, IPM Motor

SVC, VC, STO, Synchronous Motor

Mobile App., Encoder Feedback

Closed Loop Based AC Drive

Multiple Communication Ports



## AC SERVO Drives & Motors

DA200 Series High Performance AC SERVO Drives

High Control Performance, Fast & Reliable Control,

Multiple Running Modes : Analog Input, Pulse Input, Ethercat, CAN open

Multiple Application environments, With Brake and Without Brake,



## MOTION CONTROLLER

High Performance Medium & Large Scale Applications

Support 200K Pulse output, Speed & Position Control

Inbuilt Ethercat , CAN open, Etheret, Modular Design, Expandable Input/Outputs





## Sensing Solutions



We have many type of Sensors & Transducers.

- Inductive Proximity Sensors.
- Capacitive Proximity Sensors.
- Temperature Sensors
- Photoelectric Sensors.



## Line Chokes / Transformers

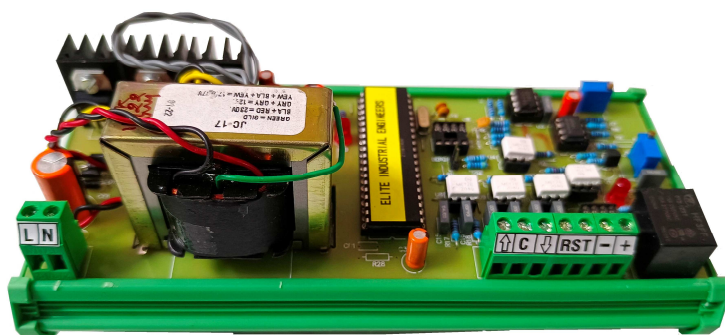
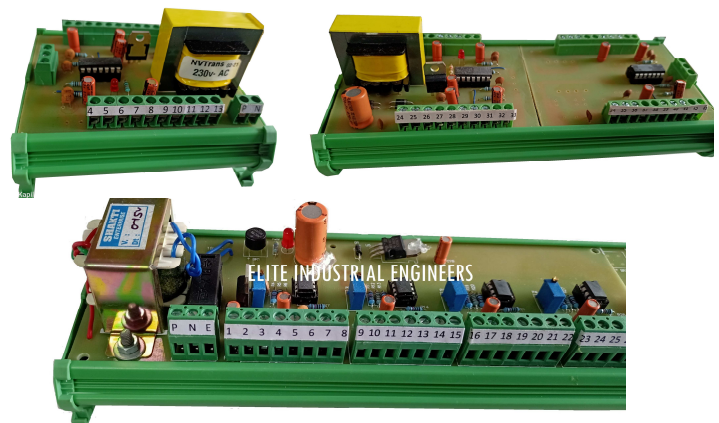


1 Phase – 3 Phase  
415 V AC / 220 V AC  
415 V AC / 110 V AC  
Multi Voltage Output  
Customized Solution



## Synchronization Cards

AC Drive Synchronization  
4 Channel & 8 Channel  
High Performance  
Good Accuracy

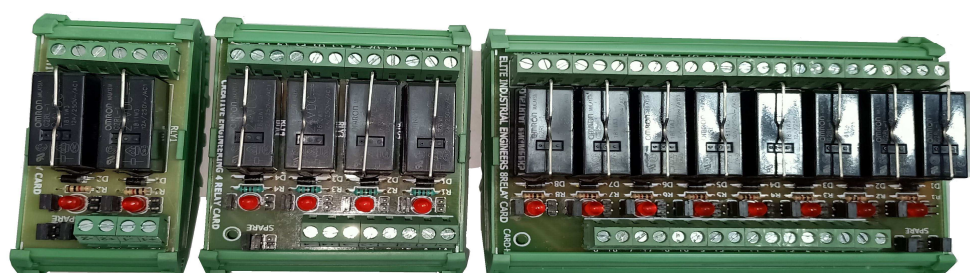


## Static Cards

220 V input  
0-10 V Linear Voltage output  
Safety with opto-coupler  
Economic & Long Life

## RELAY BOARD

High quality Relay Board  
24 V DC ,  
2 Channel , 4 Channel  
8 Channel



## Stepper Motor & Drives

50 Watt to 5000 Watt

12 V to 220 V AC/Dc

High Torque and Accuracy



## DBR

(Brake Resistance)

Aluminum Case , Wire Wound & Punch Grid Type

Ideal For AC Drives, Lifts, Hydro Etc.



## PRESSURE TRANSMITTER

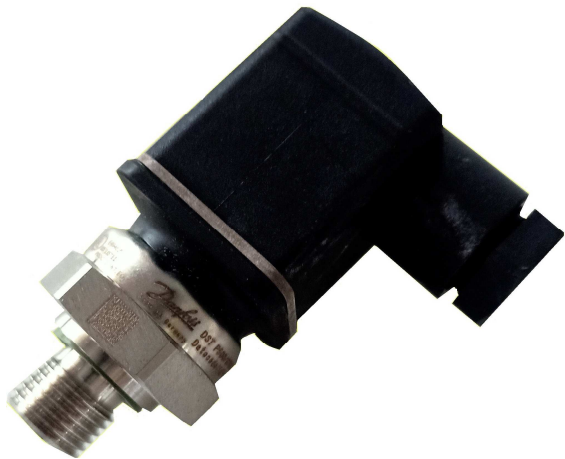
DANFOSS

KELVIKO - GERMANY

-10 to 1000 BAR

Multiple Range

Multiple Outputs



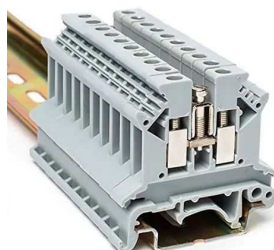
## Electrical Panel Accessories

MCB, MCCB

Contactor, Overload Relay

Relay , Terminals,

Push Buttons, Indicator





**Temperature Controllers**

**PID Controllers**

**Volt Meter**

**Amp Meter**

**RPM Meter**

**Process Indicator**

**Motor Protection Device**

**Current Protection Relay**

**Voltage Protection Relay**

**Counters**

**Timers**

**Single Phase Preventers**

**Temperature Scanners**

**Star-Delta Timer**

**Fwd– Rev Timer**

**Vibrator Controller**

**Length Counter**

**Energy Meter**

**VIF Meters**

**SSR**

**Power Supply**





Proximity Sensors

Inductive Sensors

Yarn Sensors

Capacitive Sensors

Photoelectric sensors

Micro Switch

SSR

Tower Light

SMPS

Color Mark Sensors

Joy Stick

Magnetic Sensors

Limit Switch

Foot Switch

Water Proof Limit Switch

Rotary Lights

Multi Voltage SMPS

Contactors

U Type Sensors



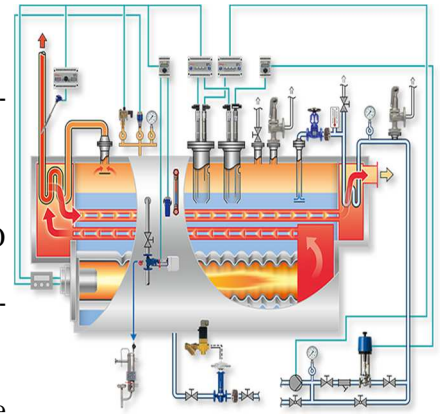


# Boiler Automation

We provide Fully Automatic control panel for modernized control of Boiler .

Benefits:

- Reduced Fuel consumption, by accurate feed control.
- Reduce Power consumption by Precise speed control of ID Fan, FD Fan's.
- Maintained Steam Pressure by Pressure transducer and PLC control.
- Fuel & Power consumption record on HMI for excellent controlling.
- Negligible Cut-off (ON-OFF) of boiler, Pressure controlled by precise

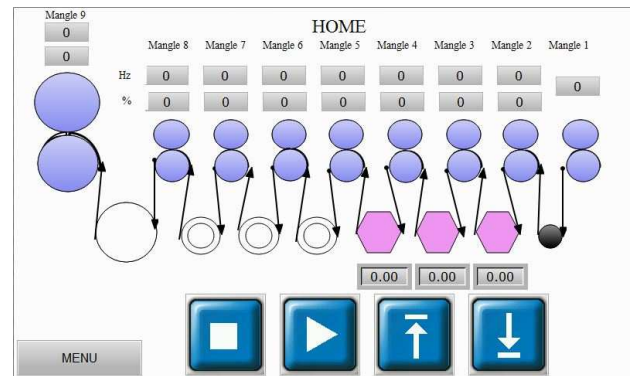


# Machine Automation Solutions

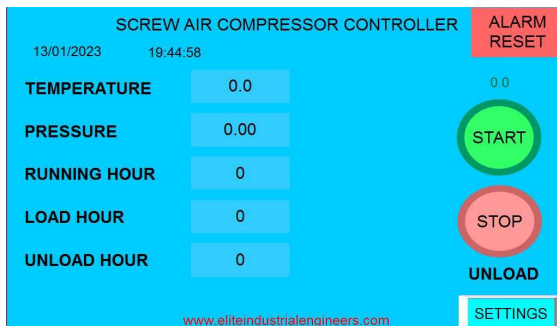
We do Automation of Machineries also as per customer requirement. .

Benefits:

- Process control as per user requirement.
- Reduced Power consumption by accurate control.
- Increased machine efficiency.
- Easy Operation of machine.
- User friendly.
- Better process control.
- Increased production.



# Compressor Automation/PLC

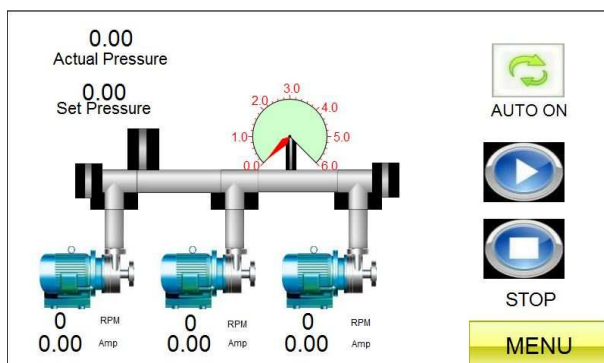


We do Automation/PLC installation on Compressors

Benefits:

- Improved Efficiency
- Energy Saving
- Can be used on Screw and Recip Type Compressors
- Variable Speed Controls
- Service History Records
- Over Temperature, Current & Pressure Safety.

# Pump House Automation



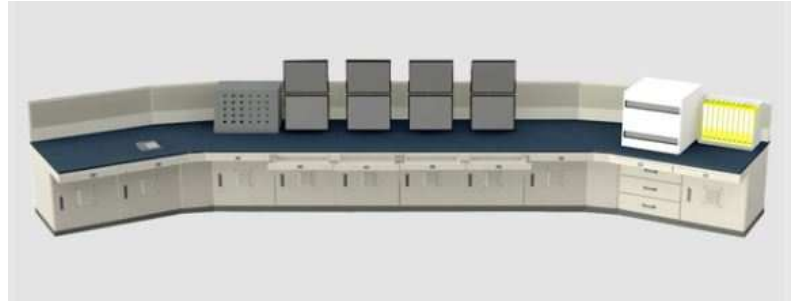
We do Automation/PLC installation on Water Pumping.

Benefits:

- Accurate Pressure Control
- Energy Saving
- Auto ON— OFF as per requirement.
- Water Level Control.
- Suitable for all type of pumps.



MCC PANEL  
DISTRIBUTION  
SS 304/316 PANEL BOX  
PANEL  
JUNCTION BOX  
HT PANEL  
CONSOLE  
5 FOLD PANEL  
9 FOLD PANEL  
19" RACK PANEL  
DATA CENTRE SOLUTION  
PURGE  
PANELS  
SHELTERS

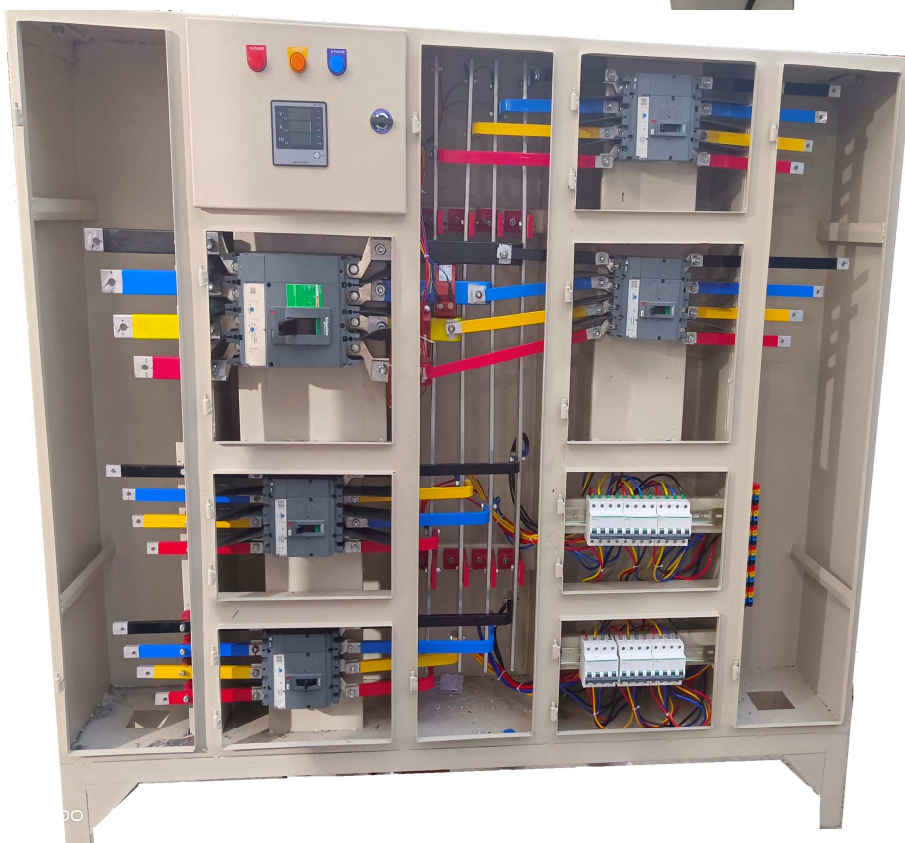
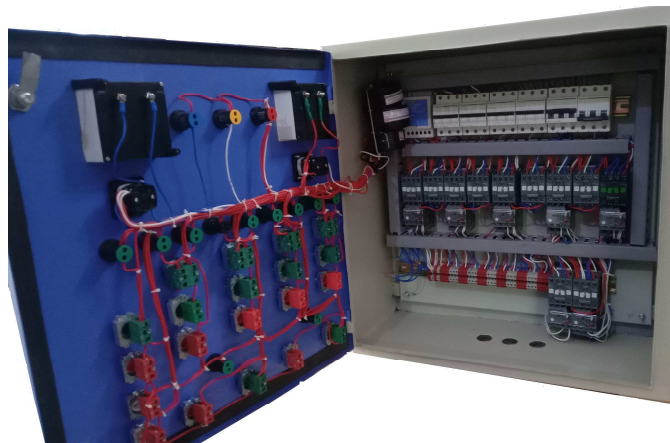
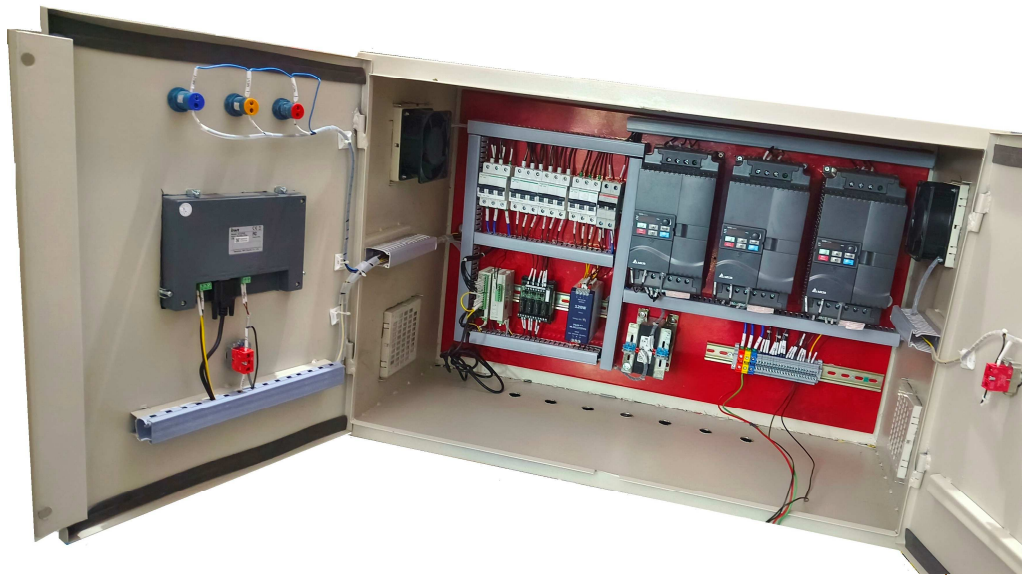




# ELECTRICAL CONTROL PANELS









## VFD/AC Drives Repair

We Do Repair of all type of AC VFD Drives, Servo & DC Drives. We also, do repair of PLC's, HMI's, Process Controller and other industrial electronics.

We have well equipped LAB for Repairing & Testing of Electronic Equipment's.

## PLC, HMI, Servo Drive, AC Drive Programming Services

We do Installation, Commissioning & Programming of PLC's, HMI, Servo Drives, AC Motor Drives.

We have well trained Engineers to do the Programming work.

WE work on DELTA, INVT, OMRON, MITSUBISHI, FUJI, FATEK, PANASONIC, SIEMENS, ABB and many more

## PLC, HMI Password Encryption

We can do Password opening of PLC & HMI of Various Brands and Models.

SIEMENS, DELTA, MITSUBISHI, OMRON, PROFACE, FATEK etc.

## REPAIRING & PROGRAMMING SERVICES

- AC DRIVES
- DC DRIVES
- SERVO DRIVES
- PLC & HMI
- Controllers



LARSEN & TOUBRO

MITSUBISHI Panasonic

INOVANCE Fuji Electric

Schneider Electric

SIEMENS



Rexroth

invt OMRON  
Industrial Automation

YASKAWA ABB

# PRODUCTS & SERVICES

- AC Motor Drives
- Servo Drives
- Stepper Drives
- Process Controllers
- Programmable Logic Controller
- Human Machine Interface
- Touch Screen
- Control Panel
- SCADA System
- Power Quality Solution
- Solar AC Drives
- CNC Control System
- Sensors
- Machine Automation.
- Pressure Controllers
- Temperature Controllers
- Power Supplies (SMPS)
- Solid State Relays (SSR)
- Limit Switch
- PT100, Thermocouples
- Energy Efficiency Systems
- Electrical Panels
- Control Panels
- Industrial Goods Lifts
- Compressor PLC
- Servo Motors
- Stepper Motors
- AC Induction Motors
- Gear Motors
- SS 304/316 Panel Box
- Pressure Transmitters
- AC Contactors
- Over Load Relay
- MCB & MCCB
- Wire & Cables
- Thimbles & Lugs
- Dynamic Braking Resistor
- Proximity Sensors
- Optical Sensors
- Rotary Encoders
- Timers & Counters
- Glass Relay & Relay Base
- UPS Systems
- Power Switch & Sockets
- Motor Protection Relay
- Single Phase Preventer's
- PID Controllers
- Pressure Transmitters
- Relay Board & Many More...  
Electrical Items

## Elite Industrial Engineers

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