



## • COMPANY PROFILE

Kaizen solution is a fast-growing solution provider in Industrial automation and in Instrumentation industries. We have been making control and automation panels and our experts have already delivered an array of state-of-the-art products to create a strong market name. Our company Established in 2016, with the working are of 2500 sq. ft at vatva. Kaizen solution has already proven its strength in a fast changing and challenging industry.

We are specialized in Providing **industry 4.0** solution to our customers with cloud connected products. Also, we are specialized in the commissioning of different kinds of instrumentation and automation tasks and project such as **meters, sensors, indicators, PLC, HMI, Scada, VFD, servo systems and switchgears.**

## • VISION

To be one of the leading engineering company in Industrial automation & Panel manufacturing. We help our customers to use electrical power efficiently, to increase industrial productivity & to lower environmental impact in a sustainable way.

## • MISSION

We are highly focused on Industry 4.0 standard & we are providing solution to our customer by providing cloud connected products which helps our customers to improve operating performance Efficiency & Productivity

customer satisfaction & their values are pillar of our company. Innovation quality are key characteristic of our company to be a leader in Electrical & Industrial automation field.

# PANEL SECTION

We have straight of the art panel manufacturing facility in the with 2400 Sq. ft area with all latest testing and manufacturing facility in Vatva GIDC, which is center of the industrial hub of Ahmedabad. Our panels are made on laser cutting machines and it is one of the finest qualities in the industry.

## SOLUTION ARCHITECTURE ON THE MANUFACTURING PAGE

### 1. Intelligent and Non-Intelligent Power Control Center ( IPCC and PCC panel )



- Maximum nominal current up to 5000A, maximum fault current up to 65KA
- Primary power distribution, protection and controlling

### 2. Intelligent and Non-intelligent Motor Control Center ( IMCC and MCC panel )



- Maximum nominal current up to 5000A, maximum fault current up to 65KA
- Operation, Control & Protection of motor network with or without PLC/BMS connectivity

### 3. Synchronization Panel



- Maximum rating of dg : 1500KVA, fault current : 65KA, maximum : 3 DG set
- Control, synchronizing, load sharing/load management of dg sets through control relay

### 4. APFC Panel



- Maximum rating : 600kvar/panel, fault current : 65KA

### 5. AMF Panel



- Maximum rating : 1500KVA, fault current : 65KA

### 6. Busduct Panel

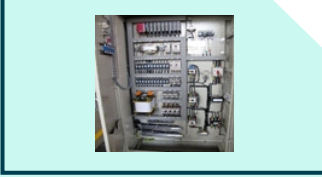


- Maximum current rating : 6000A, fault current : 65KA, cooper or aluminum

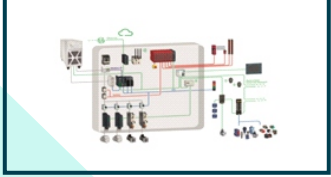
## 7. Drive Panel and Plc Control Panel



## 8. Remote Operating Panel



## 9. Our Tested Validated Architecture



## Our Solutions

### 1.) Servo Drives & Motors

Description: - Servo drive power range from 100 w to 16 Kw .  
Servo motor option with single turn, multiturn absolute and incremental encoder. Also with break and without break motors.



### 2.) Variable Frequency drives.(Schneider & ABB makes)

Description: - Machine drives & Process drives.  
Single phase: - from 0.18 Kw to 4 Kw, 220 V  
Three phase: - From 0.37 Kw to 800 Kw. 380 V to 480 V



### 3.) TeSys Island

Unique Modular / Scalable load management solution saves design and development time. Single point of communication of multiple loads. Enhanced connectivity drives better decision making Industry 4.0 compliant and a fully digital load & object-oriented load management system



### 4.) HMI & IPC's (Schneider & Pro-face Brand)

Graphical HMI from 4.3 inch to 15 inch IPC :- i3, i5 & i7 with windows 10 IOT enterprise OS. With the optional screen size of 10", 12", 15" and 19".



### 5.) Power & Monitoring Controls

Advance metering, Energy meters ,Power monitoring & control software's ,Power Quality & Power factor correction, Power faction correction capacitors /components , APFC relays



### 6.) Programmable logic controller

Logic controller / Motion controller with I/O handling capacity from 16 i/o's to 1500 i/o's.



## Final Distribution Products

Mcb ,Rccb , Rcbo , SPD ,  
Industrial Plug sockets ,  
Distribution Boards



## Softwares Solution

AVEVA Platform, BOS for your  
21 CFR Solution



## Power Control Products & Low Voltage Products

Power Contactors, Control relays,  
Overload relays, Starters,  
Imccb Relays, Mpcb, Mccb's, ACB,  
Switch Disconnecter



## Sensors & Signaling

Sensors , Limit Switch, SMPS,  
Plc Relays , Pushbutton , foot switch



## Cables & Wires

Single Core Wire ,Multi Core Wires - Number  
Coded & Color-coded , Shielded Cables,  
Bus Cables, Solar Cables ,Networking Cables,  
RG 6 Cables, Fiber Optic Cables,  
Industrial Connectors,Conduits,Lugs,  
LAN Cable



## AUTHORISED PARTNER



We are on :



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