

EXCELLENT AUTOMATION AND POWER CONTROLS

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Overview

Excellent Automation & Power Controls is the Electrical control Panel mfg unit. Its under developing stage having people with project experience of 6+ Years providing competitive quality for Electrical Requirements across the country.

Our technology-enabled business solutions empower organizations to create and sustain a competitive position in the current dynamic marketplace. We work by combining our customer's business knowledge and our technology expertise too offer quality business solutions, which result in a faster Return On Investment.





Mission & Vision

Our vision is to be recognized as the reliable, strategic and Best Electrical & Automation solutions We Manufacture Panels like MCC Panels,Mimic panels,Dist. Panels,PLC Panels,VFD Panels,,APFCR Panels,Control Relay panels.

Fixed type,Compartmental as well as non-compartmental.

***We mfr panels as per customers specifications & requirements confirming to safety standards.**

***We Design Panels such that it will be cost effective will have minimal wastages.**

***Our final aim is to satisfaction of customers confidence & queries through proper technically clear drawings & its implementation.**

***We are stockist for proximity sensors,Infrared sensors,photoelectric sensors(Analog & Digital.)**

We continuously strive to increase our skill-sets by recruiting individuals who can plug in the gaps where we can increase in technology expertise and complement our service

offerings. Besides this, we encourage our employees for self-learning and also organize in-house training for certain technologies and products as the need be.

During our brief professional career we were associated with some well known Companies / industries / consultant with which we have executed variety of projects in following areas to mention few

Process Industries
Forging Industries
Software Companies
Automobile Industries etc
Chain conveyors
Chemical industries

Our esteemed customers :

- Endurance Technologies Ltd Chakan MIDC
- Rieter India pvt Ltd MIDC Khandala satara
- Rinder pvt Ltd Chakan
- ITC Ranjangoan
- Rohan sports Pvt Ltd Shikrapur
- Mahindra and Mahindra vehicles chakan
- Swiftvet care Junnar
- Date polymer industries junnar
- Tradegear Ranjangoan
- Yashodeep Fabritech MIDC Bhosari
- Piketee metasmiths Pvt Ltd. MIDC Bhosari
- Thermopuf satara
- PG Electroplast Supe MIDC

We Manufacture all types of control panels like

MCC Panels(Motor Starters) ,Power Distribution panels, PLC Panels,Instrument Panel,Control Relay logic Panels,PCC Panels,VFD Panels,Mimic panels etc.

The designing of panel is based on the requirements of customers.

We consider the following aspect while designing a panel :

Location: It is very important to know the location to design the panels for:

a) Indoor / outdoor application.

b) Space available for length and depth & height

Whether back access is available for cable termination work / maintenance etc. This helps to reduce / increase the size of panel

Cable entry to be top / bottom to fix the location of Bus bar chambers & cable chambers
Out going cable sizes for all the feeders is considered for selection of connectors & cable chambers designing.

The bus bar calculation for phase, Neutral, Earth, sizing is done considering current rating short circuits rating ambient temperature, future expansion etc.

The panel is designed such that all the switchgears & bus bars installed in it shall be accessible for easy maintenance.

After freezing the above point, G.A., S.L.D. & control wiring drawings are submitted to the client for approval if reqd. On the receipt of approved drawings & manufacturing process resumes.

All the bought out components are verified for quality. All the components shall be easily accessible. Adequate space is provided for cable termination.

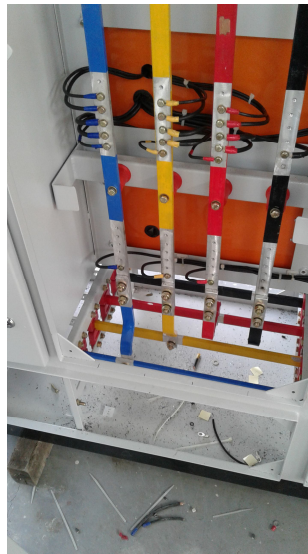
Switchgear component, wires etc. are as per specification of the client.

All the control wires are of 1 sq. mm / 1.5 sq. mm. Stranded Cu. wires.

Printed Ferrules at both the ends identify all the wires. All necessary and suitable wiring accessories such as PVC channel grommets are used.

All feeders have name plates indicating name, rating & feeder nos. The rubber gasket is used between 2 metal surfaces of doors, covers etc.





TESTING PROCESS

All the covers & doors shall have earth connection. The Physical Dimension of Panels Shall match approved drawing. All the doors & inter locks shall operate smoothly. All the doors, covers shall be in perfect alignment. All the components like timers are tested for accuracy. Insulation resistance test is carried out using 1000V.DC insulation tester.

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